

## Volume II – ECM/Cost Submission

*Response to Request for Quotes for A Guaranteed Energy Savings Project At:*

**Pennsylvania Department of Conservation  
& Natural Resources  
State Parks and Forests, Eastern Region**



Project No. GESA 2022-1  
Contract No. DGS GESA 2022-1

Christopher Stultz, PE  
Manager of Energy Services Project Development  
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August 17, 2022

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August 17, 2022

Ms. Becky Tomlinson  
DGS Energy and Resource Management  
401 North Street  
Suite 403 North Office Building  
Harrisburg, PA 17120

**RE: Response to Request for Quotes for a Guaranteed Energy Savings Project for DCNR, Eastern Region  
Project No. GESA 2022-1**

Dear Selection Committee Members,

McClure Company is pleased to submit our proposal response to assist the Department of General Services and the Department of Conservation & Natural Resources, State Parks and Forests, Eastern Region. Since its founding nearly 70 years ago, Pennsylvania based McClure Company has built a solid reputation in engineering, performance, construction, and service to its customers.

We are the Commonwealth's leading provider of Guaranteed Energy Savings Agreements where we are approaching \$1 Billion of delivered and highly successful GESA projects.

Our team is most known for our ability to conceptualize, engineer and construct projects under adverse conditions whether it be emergency repairs, constricted schedules, secure environments, and any combination thereof.

Through this RFQ process, in addition to the stipulated Core ECMs (Energy Conservation Measures), we have also developed a multitude of additional project scope enhancing ECMs for further consideration by the DGS and DCNR East Region teams, including preliminary studies of *Solar Photovoltaic Systems*. As of August 12<sup>th</sup>, 2022, the Federal Government passed the *Inflation Reduction Act*, which includes significant financial benefits related to solar PV systems. One major area of interest is the ability for *government entities, like DCNR, to capture the tax credits directly*. In a nutshell, this means DCNR could capture the tax benefits similar to a private entity without entering into a Power Purchase Agreement (PPA). We acknowledge PPA's have been an issue for state agencies in the past so these new IRS regulations could avoid those issues moving forward.

We acknowledge receipt of all four (4) DGS issued project Bulletins and confirm that our proposal is valid for 180 calendar days from the date of submission. Thank you in advance for considering McClure Company. We look forward to discussing our proposed solutions.

*The primary point of contact for questions or  
Notification regarding the submitted response is:*

**Christopher R. Stultz, PE**  
**Manager of Energy Services Project Development**  
[chrisstultz@mcclureco.com](mailto:chrisstultz@mcclureco.com)  
717.232.9743 x3838

*The primary person authorized to bind the  
company and conduct contract negotiations:*

**Shayne A. Homan, PE**  
**Vice President, Energy Services**  
[shaynehoman@mcclureco.com](mailto:shaynehoman@mcclureco.com)  
717.232.9743 x2936

Sincerely,



Christopher R. Stultz, PE  
Manager of Energy Services Project Development

# EXECUTIVE SUMMARY





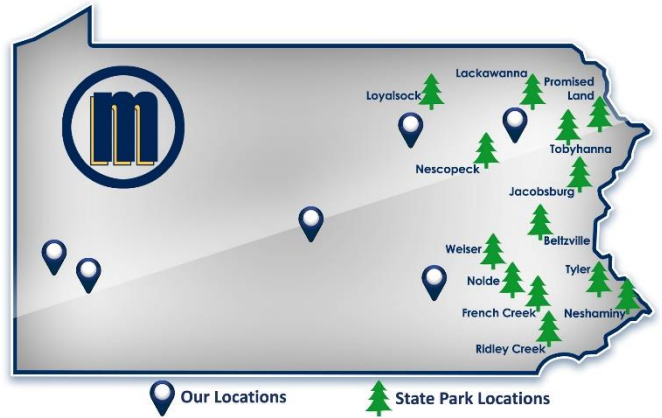
## Executive Summary



McClure Company is pleased to submit our proposal in response to the DCNR Eastern Region Request for Quotes issued by the PA Department of a General Services for Guaranteed Energy Savings Agreement project.

Founded nearly 70 years ago, McClure Company has built a solid reputation in engineering, performance, construction, and service. We are widely recognized for our flexibility, trusted reputation, and progressive ideas.

As the only fully integrated mechanical Energy Services Company in Pennsylvania, *McClure Company's unique ability to self-perform mechanical construction eliminates the need to subcontract this work, resulting in one or fewer layers of markup for significant cost savings.*



We have 3 full-service engineering, construction, and mechanical service offices located within the Eastern Region



## DCNR Eastern Region Proposal Highlights

Our team has developed two preliminary design options for evaluation and consideration, herein referenced as Design Options 1 and 2.

### DESIGN OPTION 1

Focused on the RFQ Core ECMs plus other ECMs that will further enhance the project financials. Design Option 1 is self-funded from energy savings and project revenue streams, with no operational, maintenance, or energy relate cost savings to satisfy RFQ section 2.6C1d.

### DESIGN OPTION 2

Expands the offerings of Option 1 to include additional sites/buildings within the Core ECMs, and site-specific scopes to address aging or failed infrastructure. This includes controls, fuel switches, equipment replacement, recommissioning, as well as innovative scopes such as renewable energy, battery storage, and electric vehicle charging.

### DESIGN OPTION 1 HIGHLIGHTS

- Core General ECMs at Major Sites (43 scopes/sites total)
- Targeted Infrastructure Upgrades at Ridley Creek Manion, Nolde Forest Mansion, and Tobyhanna Main Office
- Expansion or New Solar Installations at French Creek, Lackawanna, Promised Land, Tyler, and Loyalsock
- Recommissioning of Existing Systems at all Sites in lieu of Replacements

### DESIGN OPTION 2 HIGHLIGHTS

- Additional Sites for Core General ECMs (75 scopes/sites total)
- Additional Infrastructure Upgrades at French Creek, Lackawanna, Neshaminy, Tyler, Beltzville, and Promised Land
- Additional Resiliency Upgrades including Generators or Battery Back Up Systems
- Electric Vehicle Charging Stations with Options for Solar and Battery Support

# Extensive DCNR Design & Engineering Experience

## Recent – DCNR Central Region

From the RFQ in 2018, McClure Company was selected to complete a comprehensive IGA, and ultimately implement, a \$16M project featuring a variety of ECMs at over 90 sites. Advanced scopes included wastewater processing at Mount Pisgah, system commissioning at Bald Eagle, and region wide upgrades to Cabins and Cottages to add cooling. During construction McClure also assisted DCNR in addressing Notices of Violation and Certificates of Occupancy for many sites. As a lessons learned, this experience will become part of our IGA study to identify and include the solutions as part of the final program prior to construction.

## Assigned Project Leaders



**Shawn Skethway**  
Project Manager



**Chris Stultz, PE**  
Manager, Project Development



**Doug Boswell**  
Sr. Project Engineer

The team leaders at left are responsible for working with DGS and DCNR from through all phases of the GESA project. Each has extensive past experience with DCNR in the Central Region and other DGS projects, leveraging that knowledge to lead teams responsible for development, engineering, and construction.

OVER \$135M WORTH OF CUSTOMIZED GESA SOLUTIONS TO 20+ PA GESA PROJECTS

- Penn DOT (currently under construction)
- Capitol Complex (currently under construction)
- DCNR Central Region  
29 State Parks and 15 Forest Districts
- DGS Capitol Complex
- PA DPW – Selinsgrove Center (2 Phases)
- PA DPW – White Haven
- York County
- Lackawanna County
- Luzerne County
- Northampton County



**EXPERIENCE &  
REPUTATION**



**STRENGTH &  
RESOURCES**



**SERVICES &  
SOLUTIONS**

## Recommendation and Key Notes

Of keynote is the passing of the Inflation Reduction Act of 2022 and its impact to renewable solutions, primarily solar. The Act would allow for non-taxed entities to utilize the Investment Tax Credit to offset investments. Additionally, the ITC is set to increase from 26% to 30%, meaning larger opportunities for public entities without the need for 3<sup>rd</sup> party involvement. Specifically, at DCNR Eastern Region, this leads to the ability for expanded solar offerings to be studied during the IGA to combat energy price escalations currently being implemented by all providers.

Based on the preliminary surveys for the sites listed in the RFQ along with the RFQ goals, **our recommended preliminary program is Design Option 2**. Financially, this program will require a level of Energy Related Cost Savings, however, they are justifiable and will provide solutions beyond the 18 year financing term of this program. Once in IGA, this scope of work is fully customizable to align with specific site or regional goals from DCNR.

Our team will work with the DGS / DCNR Eastern Region team to devise a final scope of work, but as currently laid out, Design Option 2 addresses the following critical infrastructure needs:

- ✓ HVAC upgrades at French Creek, Lackawanna, Neshaminy, Tyler, Beltzville, and Promised Land State Parks
- ✓ Resiliency upgrades at French Creek, Tyler, and Promised Land State Parks, Nolde Forest Environmental Education Center, and Loyalsock State Forest
- ✓ Expanded renewable systems, along with recommissioning of existing equipment to maximize benefit
- ✓ Includes additional Core General ECMs across more buildings for a better holistic approach



## 2.6 C1 | Energy Conservation Measures/Cost Submittal





**a**

Quote clearly and thoroughly describes the scope of the IGA, including systems covered, personnel, methodology and schedule milestones.

Provided below is a clear and thorough description of the scope-of-work that McClure Company proposes to further investigate and develop during the Investment Grade Audit (IGA). The description includes systems covered, personnel involved, methodology for the calculation of the energy baseline, and schedule with milestones.

McClure Company’s systematic approach to a guaranteed energy saving project is divided into three major phases:

1. **Scoping Audit Phase / RFQ:** McClure will conduct an initial feasibility study of DCNR Eastern Region facilities. The study includes, but is not limited to, a review of the utility bills, site surveys, interview of major stakeholders and personnel, preliminary energy conservation cost / savings estimates, and financial models. From this information, McClure assembles a list of recommended energy conservation measures (ECMs), based upon cost effectiveness, the needs of the facility, and the goals of DCNR. This RFQ Response is the result of the scoping audit phase.
2. **Investment Grade Audit (IGA) Phase:** The Investment Grade Audit is a detailed study of the energy conservation measures identified and selected by DCNR. Detailed within the sections below, McClure Company will perform an Investment Grade Audit in accordance with the RFQ and timeline schedule requirements.
3. **Final Scope Selection & Design Phase:** McClure Company will complete the final engineering and design phase for all ECMs requiring engineering design and will properly coordinate with the Commonwealth for the review and approval process.

Outlined below is McClure’s approach towards conducting the IGA for the DCNR Eastern Region GESA project.

### Systems Covered

Based on our initial surveys, we anticipate providing a detailed analysis of the following systems during the Investment Grade Audit, including but not limited to:

ECM Description	DCNR Eastern Region Specific Notes
<b>Lighting Systems</b>	Current sites have majority fluorescent lamps and HID fixtures
<b>Electrical Distribution Systems</b>	Various conditions and vintages of main gear and generators
<b>Building Envelope Upgrades</b>	Standard air sealing opportunities with select insulation upgrades
<b>Fuel Conversions</b>	Mix of oil, wood, electric, and select geothermal sites
<b>HVAC Control Systems</b>	Generally stand alone with limited pneumatics
<b>General HVAC Equipment</b>	Various vintages and conditions of equipment that could be replaced
<b>Cooling Systems</b>	General use of window units for spot cooling in various applications
<b>Geothermal HVAC</b>	Limited installations requiring recommissioning for optimal operation
<b>Piping Distribution</b>	Select areas of degraded or missing insulation
<b>Solar Photovoltaic</b>	Limited installations
<b>Domestic Water Systems</b>	Typically electric or oil fired, opportunity for high efficiency units
<b>Water Conservation/Plumbing</b>	Limited opportunities given use of wells/septic systems
<b>System Resiliency/Backup</b>	Repair, replace, or installation of generators or battery storage
<b>Recommissioning</b>	Mix of operating set points and schedules often within the same location
<b>Wastewater System Review</b>	Identify issues with current lift stations, pumps, and systems
<b>Electric Vehicle Charging Stations</b>	Expand existing infrastructure, opportunity for stand alone solar chargers

### Personnel

Our in-house energy auditing and development team consists of seasoned professional engineers (P.E.s) and analysts with decades of PA GESA industry experience. They have audited and developed over 200 successful GESA solutions representing millions of square feet of facility space; many of these projects serving other PA State Agencies and municipal type clients having remote site locations. McClure Company’s IGA will be managed and lead by Chris Stultz (Project Development Manager), with support from selected specialist contractors for lighting, building envelope, solar, and electrical related measures. In addition, Doug Boswell (Mechanical Engineer) and Christina Domanski (Building Automation System Engineer) will provide overview of the mechanical and control related scope. Richard Skinner (M&V) and Andrew McKenna (Commissioning Manager) will begin the commissioning plan in this phase as well. This team will be overseen by Shayne Homan (Vice President of Energy Services).

### Methodology

McClure Company’s systematic approach towards undertaking the Investment Grade Audit includes, but is not limited to:

- Kickoff meeting with the DCNR, DGS and other stakeholders to review McClure’s RFQ Response
- Analysis of utility bills, past Measurement and Verification studies and overall facility benchmarking
  - A critical step to review the agency provided data ensuring the proper baseline and energy rates are used
- Selecting Energy Conservation Measures (ECMs) that meet the needs and goals of DCNR
- Collection of general information for each building (square footage, floors, hours, etc.)
- Site surveys of all buildings requested by DCNR, with a focus on the major/Core or selected ECMs
- Understanding of the operating characteristics of existing lighting, environment control, and HVAC (heating/cooling/distribution) systems
- Identify any additional cost saving opportunities that may have a cost-effective impact to the program
- Conceptualize and determine the feasibility of the ECMs identified
- Iterative review with DCNR and the Commonwealth to show progress and ensure goals are met
- Perform simple payback and life cycle cost analysis on each ECM and the associated equipment/technology
- Complete a final project cash flow with revised cost/savings for each identified and selected ECM
- Final review with DCNR and the Commonwealth.

### Schedule Milestones - Timeline to Commence and Complete the IGA

Chart 2.6 C1.1 summarizes the Investment Grade Audit schedule milestones. As specified by the RFQ, McClure will deliver its final IGA report to the Commonwealth within 60 calendar days of the date on the Commonwealth’s Notice of Selection. Please also see our more comprehensive project schedule included with **Volume 1: Technical Proposal**, which incorporates our IGA schedule and key project milestones.

Chart 2.6 C1.1 – IGA Milestone Timeline



**b**

Every ECM described in Energy Conservation Measures Appendix of this RFQ is calculated into the Project scope & includes calculations. If ECM is excluded from scope, Offeror set forth a detailed justification for exclusion.

Based on our preliminary site surveys, measurements, and utility data analysis, we have identified two initial design options for consideration.

### Design Option 1 – Self Funded Program

Design Option 1 focuses on the Core ECMs plus additional scopes that can further enhance the project financials, in providing a fully self funded cash flow from energy savings, revenue streams and available rebates or incentives. This project has *no* operational, maintenance, or energy related cost savings included, although they would be expected and only add to the benefits of the cash flow.

### Design Option 2 – Recommended Program

Design Option 2 expands the above to include additional sites or buildings within the Core ECMs, as well site specific scopes to address aging or failed infrastructure. This option increases the breadth of offerings to scopes that do not have ample energy savings as part of a holistic program to meet the 18 year payback criteria, and therefore require some level of energy related cost savings. Also included with this option is conservative O&M savings based on historical data for equipment being replaced or repaired and other project revenues or rebates. Featured scopes include controls, fuel switches, equipment replacement, recommissioning, as well as innovative scopes such as renewable energy, battery storage, and electric vehicle charging.

Design Options 1 and 2 are preliminary and fully customizable during the IGA. We feel they illustrate a strong contrast between a basic self-funded program that addresses energy savings and a self-funded program with ERCS that addresses more long-term critical needs.

A summarization of Design Options 1 and 2 are shown in Table 2.6 C1.1, along with a direct financial comparison between the two preliminary design options.

### Design Option Recommendation

Based on the preliminary surveys for the sites listed in the RFQ for the DCNR Eastern Region, the breadth of the Core ECMs along with the RFQ goals for fuel switching and equipment upgrades, our recommended preliminary program is Design Option 2. Financially, this program will require a level of Energy Related Cost Savings, however, we believe the ERCS are justifiable and will provide solutions beyond the 18-year financing term of this program. Once in IGA, this scope of work is fully customizable to align with specific site or regional goals from DCNR.

Our team will work with the DGS / DCNR Eastern Region team to devise a final scope of work, but as currently laid out, Design Option 2 addresses the following critical infrastructure needs:

- ✔ HVAC upgrades at French Creek, Lackawanna, Neshaminy, Tyler, Beltzville, and Promised Land State Parks
- ✔ Resiliency upgrades at French Creek, Tyler, and Promised Land State Parks, Nolde Forest Environmental Education Center, and Loyalsock State Forest
- ✔ Expanded renewable systems, along with recommissioning of existing equipment to maximize benefit
- ✔ Includes additional Core General ECMs across more buildings for a better holistic approach



Table 2.6 C1.1 – ECMs for Design Options 1 and 2

DCNR Central GESA ECM Summary								
ECM ID/#	Per Appendix "R" Core ECM	Energy Conservation Measure (ECM) / Scope	Installed Costs	Total Annual Energy Savings	Projected Average Annual O&M Savings	Projected Rebates/Incentives	Option 1	Option 2
<b>Design Option 1 General ECMs</b>								
1	Yes	Lighting Upgrades	\$1,361,537	\$91,142	\$18,089	\$61,022		
2	Yes	Building Weatherization	\$303,606	\$32,067	\$0	\$0		
3	Yes	Heating Fuel Conversion	\$44,713	\$2,480	\$500	\$0		
4	Yes	Pipe Insulation	\$31,555	\$4,596	\$0	\$0		
5	Yes	HVAC Upgrades	\$24,971	\$3,778	\$0	\$0		
6	Yes	Water Conservation	\$69,854	\$6,857	\$0	\$0		
7	Yes	Window AC Unit Replacements	\$18,188	\$826	\$500	\$239		
Total			<b>\$1,854,423</b>	<b>\$141,745</b>	<b>\$19,089</b>	<b>\$61,261</b>		
<b>Design Option 2 General ECMs</b>								
1	Yes	Lighting Upgrades	\$1,361,537	\$91,142	\$18,089	\$61,022		
2	Yes	Building Weatherization	\$368,622	\$34,204	\$0	\$0		
3	Yes	Heating Fuel Conversion	\$927,466	\$14,125	\$7,200	\$0		
4	Yes	Pipe Insulation	\$31,555	\$4,596	\$0	\$0		
5	Yes	HVAC Upgrades	\$53,458	\$4,555	\$0	\$114		
6	Yes	Water Conservation	\$225,272	\$16,409	\$0	\$0		
7	Yes	Window AC Unit Replacements	\$513,594	\$7,569	\$2,600	\$1,333		
Total			<b>\$3,481,503</b>	<b>\$172,600</b>	<b>\$27,889</b>	<b>\$62,468</b>		
<b>Ridley Creek State Park</b>								
8	Yes	Mansion Chiller Replacement	\$210,178	\$2,521	\$500	\$0		
9	Yes	Mansion Controls & Recommissioning	\$21,299	\$1,748	\$0	\$0		
10	Yes	PA Resources Council Controls & Recommissioning	\$11,445	\$338	\$0	\$0		
<b>Nolde Forest Environmental Education Center</b>								
11	Yes	Mansion HVAC Upgrades	\$276,356	\$1,757	\$500	\$348		
<b>Jacobsburg Environmental Education Center</b>								
		General ECMs Only	\$0	\$0	\$0	\$0		
<b>French Creek State Park</b>								
12	Yes	Residence HVAC Upgrades	\$182,041	\$1,158	\$500	\$212		
13	Yes	Main Office HVAC Upgrades	\$167,899	\$2,369	\$500	\$0		
14	Yes	Main Office Domestic Hot Water Upgrades	\$13,263	\$91	\$100	\$0		
15	Yes	Main Office Solar	\$126,559	\$10,094	\$2,478	\$4,130		
<b>Lackawanna State Park</b>								
16	Yes	Geothermal Recommissioning	\$9,969	\$1,745	\$0	\$722		
17	Yes	Energy Recovery Unit Controls & Recommissioning	\$14,167	\$375	\$0	\$155		
18	Yes	Solar	\$307,656	\$9,838	\$3,867	\$153,828		
19	Yes	Maintenance Garage Heating Radiant	\$23,921	\$0	\$500	\$0		
20	Yes	Residence HVAC Upgrades	\$130,526	\$1,328	\$250	\$0		
<b>Neshaminy State Park</b>								
21	Yes	Maintenance Building Clerestory Windows	\$4,384	\$885	\$0	\$0		
22	Yes	Maintenance Building Pool Modifications	<i>See 2.6-C1 PROPOSED ECMs for information</i>					
23	Yes	Manager's Residence HVAC Upgrades	\$124,333	\$1,606	\$250	\$0		
<b>Tyler State Park</b>								
24	Yes	Park Office HVAC Upgrades	\$25,080	\$98	\$500	\$48		
<b>Tobyhanna State Park</b>								
25	Yes	Main Office HVAC Upgrades	\$30,297	\$876	\$500	\$327		
26	Yes	Booster Pump Upgrades	<i>See 2.6-C1 PROPOSED ECMs for information</i>					
27	Yes	Office Domestic Hot Water System Upgrades	\$11,088	\$162	\$100	\$0		
28	Yes	Beach House Domestic Hot Water System Upgrades	\$33,265	\$457	\$100	\$0		
29	Yes	Maintenance Building HVAC Upgrades (Carpenter Shop)	\$32,600	\$102	\$500	\$0		
30	Yes	Residence HVAC Upgrades	\$58,271	\$352	\$250	\$0		
<b>Beltzville State Park</b>								
31	Yes	Park Office HVAC Upgrades	\$41,633	\$992	\$500	\$287		
<b>Promised Land State Park</b>								
32	Yes	Park Office Generator	\$98,382	\$0	\$500	\$0		
33	Yes	Maintenance Building HVAC Upgrades	\$20,486	\$354	\$500	\$42		
34	Yes	Maintenance Building Controls Upgrades	<i>Included in ECM 33</i>					
35	Yes	Treatment Plant Solar	\$254,797	\$19,456	\$4,725	\$127,399		
36	Yes	Treatment Plant Controls Upgrades	\$4,793	\$417	\$0	\$107		
37	Yes	Day Use Area Controls Upgrades	\$7,701	\$566	\$0	\$145		
38	Yes	Day Use Area Domestic Hot Water System Upgrades	<i>See 2.6-C1 PROPOSED ECMs for information</i>					
39	Yes	Pickering Point Bathroom Heating	\$35,213	-\$1,251	\$500	\$0		

DCNR Central GESA ECM Summary										
ECM ID/#	Per Appendix "R" Core ECM	Energy Conservation Measure (ECM) / Scope	Installed Costs	Total Annual Energy Savings	Projected Average Annual O&M Savings	Projected Rebates/ Incentives	Option 1	Option 2		
40	Yes	Pickerel Point Cottages Heating	\$24,489	-\$312	\$250	\$0				
41	Yes	Park Water System Upgrades	\$275,471	\$0	\$19,500	\$0				
<b>Nescopeck State Park</b>										
42	Yes	Geothermal Recommissioning	\$18,342	\$4,066	\$0	\$1,089				
43	Yes	Lobby Destratification Fans	\$7,274	\$290	\$0	\$0				
44	Yes	Sewage Bill Deduct	<i>Removed by DGS Bulletin 1</i>							
<b>Weiser State Forest</b>										
45	Yes	Recommissioning	\$11,806	\$0	\$0	\$0				
46	Yes	Bear Gap Insulation	\$13,638	\$231	\$0	\$0				
<b>Loyalsock State Forest</b>										
47	Yes	Recommissioning	\$6,428	\$429	\$0	\$0				
48	Yes	Surge Suppression System	\$32,794	\$0	\$500	\$0				
49	Yes	Solar	\$238,426	\$13,662	\$3,339	\$3,339				
50	Yes	Office Sand Mound Pump & Controls	<i>See 2.6-C1 PROPOSED ECMs for information</i>							
51	Yes	Maintenance Office HVAC Upgrades	\$24,533	\$640	\$250	\$170				
52	Yes	Oil Storage Building Relocation	\$18,265	\$0	\$0	\$0				
<b>McClure Alternate Scopes</b>										
53	No	Ridley Creek State Park Mansion Chilled Water Pumps	\$26,235	\$363	\$0	\$0				
54	No	Ridley Creek State Park Mansion Plantation Wing HVAC Upgrades	\$27,272	\$653	\$500	\$0				
55	No	Ridley Creek State Park Mansion Window Upgrades	\$134,546	\$2,160	\$0	\$0				
56	No	Nolde Forest Environmental Education Center Generator Upgrades	\$73,059	\$0	\$500	\$0				
57	No	Jacobsburg Environmental Education Center Recommissioning HVAC System	\$12,068	\$749	\$2,000	\$0				
58	No	Jacobsburg Environmental Education Center Residence HVAC Upgrades	\$116,170	\$1,238	\$250	\$114				
59	No	Jacobsburg Environmental Education Center Maintenance Building Boiler Upgrades	\$28,818	\$564	\$500	\$0				
60	No	French Creek State Park Modern Cabins HVAC Upgrades (Cooling)	\$177,431	\$5,347	\$0	\$1,382				
61	No	French Creek State Park Sewage Treatment Lift Station Battery System	\$275,471	\$0	\$19,500	\$0				
62	No	Tyler State Park Sewage Lift Station	\$0	\$0	\$0	\$0				
63	No	Tyler State Park Solar	\$47,597	\$1,675	\$783	\$0				
64	No	Tobyhanna State Park Grinder Pump	\$0	\$0	\$0	\$0				
65	No	Promised Land State Park Main Office HVAC Upgrades	\$25,102	\$1,335	\$250	\$341				
66	No	RFQ Sites General Recommissioning	\$229,559	\$62,692	\$0	\$0				
67	No	Electric Vehicle Charing Stations	\$90,000	\$0	\$0	\$5,000				
Total Installation Costs with Bond(\$):							\$3,964,594	\$7,447,971		
Contingency (2%)							\$78,666	\$147,907		
Energy Savings (18 Year Total):							\$5,566,771	\$5,355,334		
Act 129 Energy Rebates (Total):							\$352,367	\$356,539		
Other Project Revenues (18 Year Total):							\$297,987	\$297,987		
O&M "Material" Savings (18 Year Total):							\$0	\$1,371,040		
Capital Cost Avoidance Savings (18 Year Total):							\$0	\$2,551,526		
Total Program Savings (18 Year Total):							\$6,217,125	\$9,932,426		





# PROPOSED ECMs



### Energy Conservation Measures

Listed below are the Energy Conservation Measures (ECMs) developed or recommended for further study for this response. In general, ECMs related to Residences were excluded unless directed in the RFQ, Bulletins, or by Site Staff to review. Also, sites that may have been considered for select ECMs (such as ECM 3 Heating Fuel Conversions) but are not included due to various reasons have not been listed given the large quantity of possible buildings that would fit within the scope. Within ECM 3, many sites with electric water heaters were excluded as there was limited savings, paybacks exceed project criteria, and without additional scope supporting the conversion to propane, there was little advantage to the scope. Many excluded scopes are due to low/no use or the current energy market volatility in pricing preventing expected paybacks through fuel switching.

### Energy Baselines

Energy baselines for this RFQ were limited in information provided for many sites. Estimated baselines were used for various sites, including baseline rates for fuels, existing and proposed. Some sites have baselines limited to only select buildings/facilities, as such, savings for park or site wide ECMs may exceed baseline usages. During the IGA, McClure will employ its standard utility bill analysis process used with other multi site projects (DCNR Central, PennDOT, and Capitol Complex) to develop more accurate baseline usages and adjustments, as well as rate analysis for each utility to arrive at an agreed upon value for use in the energy analysis. The estimated baselines are provided below, along with assumptions on rates.

General Notes:

- Electric rates include a 15% one time escalation (Year 0) as a result of current market conditions for procurement from energy providers, this is in addition to the annual escalation of 3%.
- Propane rates were selected at 75% of the current rate or \$2.00, whichever is less, for sites that are increasing usage to represent current market conditions for medium to large scale commercial purchase based on local provider data.
- All heating fuel usages have been estimated as only sample bills were provided for select locations. These were used, along with heating degree days, energy modeling of buildings, industry standard rules of thumb, and historical projects to develop limited baseline information for only select buildings at sites. These should not be considered site wide baselines; however, the representative rates are indicative of expected rates and are used for cash flow analysis.
- If no information was available for baseline usage, assumed rates were used based on similar sites.

Site	Electric	\$/kWh	Oil	\$/Gallon	Propane	\$/Gallon	Natural Gas	\$/CCF	Water	\$/kGal
Ridley Creek State Park	175,746	\$0.1179	4,956	\$5.0824		\$1.7363			1,811	\$20.3937
Nolde Forest Environmental Education Center	92,637	\$0.1280					10,940	\$0.8133		
Jacobsburg Environmental Education Center	120,138	\$0.1228	400	\$5.0820	900	\$2.0000				
French Creek State Park	566,380	\$0.1222	805	\$3.1988		\$2.0000				
Lackawanna State Park	639,256	\$0.0763	970	\$2.3977	923	\$1.5494				
Neshaminy State Park	85,112	\$0.1419	1,121	\$4.4453		\$2.0000				
Tyler State Park	294,929	\$0.0642	1,197	\$3.5084		\$2.0000	2,776	\$0.8746	1,297	\$8.5729
Tobyhanna State Park	153,648	\$0.1435	4,556	\$2.7381		\$1.8878				
Beltzville State Park	168,728	\$0.1092	1,196	\$4.3091		\$1.8387				
Promised Land State Park	790,502	\$0.1235			2,415	\$1.7525				
Nescopeck State Park	146,483	\$0.1179		\$3.6800		\$2.0150				
FD 18 Weiser State Forest	112,005	\$0.1280	3,557	\$3.3756		\$2.0000				
FD 20 Loyalsock State Forest	162,480	\$0.1228	330	\$2.9570		\$2.0000				

### Investment Grade Audit Fee - \$30,000

Based upon the scope of our proposed DCNR GESA program, McClure has estimated the total cost to complete a comprehensive IGA Report for all sites to be \$30,000. McClure has established a reasonable cost for preparing an Investment Grade Audit for this scope-of-work in compliance with the methodology discussed within this Cost Submission. We estimate that the IGA will take approximately 60 days to complete for the State Parks & Forests within the Eastern Region. Addition of scope or sites may require changes to the fee and timeline.

#### ECM-1

#### Lighting Upgrades

Lighting throughout DCNR was surveyed and identified to be a majority T8 fluorescent technology utilizing 28W-32W linear tubes on the interior of the buildings. In select areas, compact fluorescents or incandescent were used in various fixture types. Some LED conversions were present, although limited, typically where T12 fluorescent technology was still employed. Much of the lighting on the exterior of the buildings utilize Metal Halide, Mercury Vapor and High Intensity Discharge (HID) technology which is becoming obsolete and is very energy intensive.

#### Proposed Solution

McClure Company is proposing to retrofit the existing exterior fixtures and interior fluorescent/incandescent fixtures with new LED Lamps.

#### Assumptions

No corrections to existing code violations or deficiencies were found during survey, however, these system deficiencies will be brought to the attention of customer at the conclusion of the Investment Grade Audit. Scope includes cost for EPA approved recycling of fluorescent and HID lamps/ballasts. New LED lamps to be direct wired to existing fixture socket as existing fixtures are in good, serviceable condition.

#### Preliminary Lighting Burn Hours

Usage Group	Uncontrolled Hours	Controlled Hours	Occupancy Savings %	Coincidence Factor
Break Room	1230	923	25%	1.00
Cabin	2520	1890	25%	1.00
Classroom / Instruction	1200	1200	0%	1.00
Comfort Stations & Secluded Restrooms	4410	4410	0%	1.00
Concession Stand	1222	1222	0%	1.00
Conference Room	2500	2500	0%	1.00
Dining Hall	1121	841	25%	1.00
Emergency Only	0	0	0%	0.00
Exit Signs/Night Lights	8760	8760	0%	1.00
Exterior - Dusk to Dawn	4368	3276	25%	0.00
Exterior - Switch	1000	1000	0%	0.00
Hallways and Common Areas	3977	2983	25%	1.00
Kitchen	1671	1253	25%	1.00
Locker-room	4400	3300	25%	1.00
Lodge	3251	2438	25%	1.00
Maintenance & Garages	2350	1762	25%	1.00
Mechanical/Electrical Room	520	520	0%	1.00
Museum	2173	1630	25%	1.00
Not In Use	0	0	0%	0.00
Open Office	3500	2625	25%	1.00
Pavilion	730	548	25%	1.00
Pool	1294	1294	0%	1.00
Private Office	2500	1875	25%	1.00
Residence - Bathroom	1000	750	25%	1.00
Residence - Bedroom	1000	750	25%	1.00
Residence - Hall	4321	3241	25%	1.00
Residence - Kitchen	1000	750	25%	1.00
Residence - Living Room	2912	2184	25%	1.00
Residential	1000	750	25%	1.00
Restroom	3500	2625	25%	1.00
Restroom (Private)	1000	750	25%	1.00
Storage Room	527	395	25%	1.00
Utility	520	390	25%	1.00
Vehicle Storage	860	645	25%	1.00
Vestibule	3977	3977	0%	1.00

### *Annual Savings / Benefits*

Energy savings are calculated using wattage reductions from the manufacturer's provided specification sheets for the applicable lamp. These reductions are multiplied by the stipulated hours provided to generate the kWh savings. The cost savings are calculated using this kWh savings multiplied by each buildings baseline electric rate.

#### Savings:

- 811,130 kWh

## ECM-2

### Building Weatherization

The facilities were surveyed for areas of infiltration that would result in unnecessary load for the mechanical system. Infiltration can be defined as unregulated outside air entering a building unintentionally. This air must be treated (heated or cooled) by the building's heating or cooling system to maintain acceptable indoor temperatures.

Common areas of infiltration include worn or missing door weather stripping, gaps along the interface of the roof and wall, insulation of attic spaces, air sealing of attic spaces, and air sealing any penetration between interior and exterior areas.

### *Proposed Solution*

McClure Company is proposing to reduce the amount of infiltration air and increase critical insulation areas as detailed above. Please reference Appendix 1 for details and locations within the State Park or Forest.

### *Assumptions*

Calculations are based on ASHRAE Method for estimating air infiltration using a degree day calculation.

### *Annual Savings / Benefits*

This measure will reduce the untreated infiltration of outdoor air and loss of conditioned interior air resulting in a more stable interior environment.

#### Savings:

- 174,216 kWh
- 2,629 Gallons Oil
- 1,842 Gallons Propane
- 1,096 CCF Natural Gas

## ECM-3

### Heating Fuel Conversion

### *Proposed Solution*

McClure will provide replacement of electric and oil-fired equipment with propane-fired equipment. Oil-fired boilers and furnaces will be replaced with propane-fired, high efficiency equipment of the same type. Electric tank type water heaters will be provided with propane-fired, tankless instantaneous water heaters of the same capacity. The propane-fired equipment will be condensing style where possible for additional efficiency improvement. For Design Option 2, this scope increases to a larger selection of buildings, sites, and locations.

For Design Option 1 sites include: Ridley Creek State Park

For Design Option 2, sites include above plus: Lackawanna State Park, Neshaminy State Park, Tyler State Park, Beltzville State Park, Promised Land State Park, Weiser State Forest, and Loyalsock State Forest.

See individual State Park/State Forest sections for details on specific buildings included.

### *Assumptions*

Conversions to propane include fuel piping to building exterior. Each facility will be responsible for procuring the storage tanks, with assistance from McClure. Calculations are based on efficiencies from nameplate or standard industry values for equipment. Propane rates have been estimated for select locations.



**Annual Savings / Benefits**

Savings are calculated based on fuel switch from oil or electric to propane.

Savings:

Design Option 1

- 983 Gallons Oil                      -1,449 Gallons Propane

Design Option 2

- 11,257 Gallons Oil                      -13,656 Gallons Propane                      1,782 kWh

**ECM-4      Pipe Insulation**

**Proposed Solution**

McClure will provide piping insulation for heating hot water systems and domestic hot water systems observed or requested by DCNR/DGS that currently have missing or damaged insulation. This will result in energy savings from more efficiently delivering heat to the spaces they serve. Sites include Ridley Creek, Lackawanna, Neshaminy, Tobyhanna, Promised Land, and Nescopeck State Park, as well as Weiser and Loyalsock State Forest.

**Assumptions**

Insulation of small bore distribution piping averaging 2” or less with locations not concealed.

**Annual Savings / Benefits**

Savings are calculated based increasing insulation R value from 0.

Savings:

- 880 Gallons Oil                      967 Gallons Propane

**ECM-5      HVAC Control Improvements**

**Proposed Solution**

Most of the equipment at the State Parks and Forests have standalone temperature controls of various vintages and functionality. On newer, existing to remain equipment and new mechanical equipment recommended for replacement, McClure will provide WIFI-enabled, programmable thermostats that will allow for potential remote monitoring and scheduling. This is proposed for existing to remain equipment as any new equipment will receive new controls.

For Design Option 1 sites include: Nolde Forest and Weiser State Forest

For Design Option 2 sites include above plus: Tyler and Promised Land State Parks

**Assumptions**

New controls allow for reduction of operating time and set points during unoccupied periods. Existing to remain equipment is in good, operable condition.

**Annual Savings / Benefits**

Savings are based on reduction of operating time and temperature setback during unoccupied periods.

Savings:

Design Option 1

- 17,855 kWh                      483 Gallons Oil                      95 CCF Natural Gas

Design Option 2

- 21,460 kWh                      563 Gallons Oil                      102 Gallons Propane                      95 CCF Natural Gas

**ECM-6**

**Water Conservation**

**Proposed Solution**

Limited opportunity exists for many of the sites within the RFQ. The water conservation scope has been selectively developed for Ridley Creek and Tyler State Parks. While other sites may utilize public utility water service, either fixed rates, on site treatment of wastewater, or low rates have prevented any scope. In general, the scope aims to reduce flush and flow rates of commonly used fixtures located throughout the parks.

Tyler State Park is included in both design options, while Ridley Creek State Park is only included in the recommended Design Option 2. A preliminary summary scope is provided below by park.

RIDLEY CREEK STATE PARK	QTY
Install inline restrictor 0.5 gpm	4
Install new 0.5 GPM Single Hole Faucet	39
Install New Large Rear Spud Wash Down Urinal. Manual Actuated 0.125 (Pint) GPF flush valve with 9" vBt	30
Install New Standard Height, Floor outlet, 1.6 GPF Tank type toilet with Elongated open front seat.	1
Replace existing diaphragm with 2.4 gpf Kit	77
Retrofit existing faucet with new Handwash Aerator 0.5 GPM	26
Retrofit existing faucet with new Kitchenette Aerator 1.0 GPM	3
TYLER STATE PARK	
Install New Fixed Arm Standard Shower Head 1.5 GPM	1
Install New Large Rear Spud Wash Down Urinal. Manual Actuated 0.125 (Pint) GPF flush valve with 9" vBt	1
Install New Large Top Spud Wash Down Urinal. Manual Actuated 0.125 (Pint) GPF flush valve with 9" vBt	3
Install New Standard Height, Floor outlet, 1.6 GPF Tank type toilet with Elongated open front seat.	1
Install New Standard Height, Floor outlet, Top Spud Toilet. Manual actuated 1.28 GPF flush valve with 9" vBt	2
Install New Wall mounted, rear outlet, Top Spud Toilet. Manual actuated 1.28 GPF flush valve with 9" vBt	28
Install New X-Large Top Spud Wash Down Urinal. Manual Actuated 0.125 (Pint) GPF flush valve with 9" vBt	7
Retrofit existing faucet with new Handwash Aerator 0.5 GPM	36
Retrofit existing faucet with new Kitchenette Aerator 1.0 GPM	1

**Assumptions**

Assumptions have been made for usage of fixtures based on park size or attendance data provided. A limited number of valves, angle stop repairs, and flange repairs have been included.

**Annual Savings / Benefits**

Savings are based on reduced flow of fixtures, whether retrofit or replaced.

Savings:

Design Option 1

- 800 kGal Water

Design Option 2

- 1,286 kGal Water

**ECM-7**

**Replacement of Window AC Units with More Efficient HVAC Systems**

**Proposed Solution**

McClure will replace the existing window AC units with more efficient variable refrigerant flow (VRF) systems. Single-zone window AC units will be replaced with wall-mounted, ductless AC units and the window or wall opens will be properly sealed to match the adjacent structure. Buildings with multiple window AC units will be provided with multi-zone VRF systems with several indoor units served by a single outdoor condensing unit. Depending on the

constraints of the existing building layouts, either ductless, wall-mounted units or ducted VRF systems located in the basement or attic will be provided for cooling throughout the space. Additionally, the new systems will operate as heat pumps, so staged heating will be available to integrate with the existing building heat sources.

For Design Option 1 sites include: Beltzville State Park

For Design Option 2 sites include above plus: Ridley Creek, French Creek, Neshaminy, Tyler, Tobyhanna, and Promised Land State Park, along with Nolde Forest and Jacobsburg Environmental Education Centers

### *Assumptions*

Existing electrical infrastructure is in operable condition and adequately sized for new systems.

### *Annual Savings / Benefits*

Savings are based on improved equipment efficiency and control.

#### Savings:

##### Design Option 1

- 7,560 kWh

##### Design Option 2

- 66,338 kWh

## Ridley Creek State Park

### *ECM #3- Heating Fuel Conversion*

This scope is focused on the PA Resources Center for Design Option 1, and expands to include the Mansion, Maintenance, and Residence with Design Option 2. Conversions are all oil to propane. Electric domestic hot water systems were considered but didn't meet program payback requirements for either option.

### *ECM #4- Pipe Insulation*

This scope is focused on the Maintenance Building heating and domestic hot water piping systems.

### *ECM #6- Water Conservation*

See ECM #6 above for scope of work, included in Design Option 2 only.

### *ECM #7- Window AC Unit Replacements*

This scope is focused on the Maintenance Building and Residence. One unit at the Maintenance Building and (5) units at the Residence are included.

### *ECM #8- Mansion Chiller Replacement*

The Ridley Creek Mansion is served by a 30 Ton split chiller that was installed in 2002. The outdoor unit is located on grade and the evaporator barrel is in the basement. The system is at the end of its anticipated life and therefore recommended for replacement. McClure will replace the indoor and outdoor sections with a packaged air-cooled chiller located in the same location as the existing outdoor unit. A new inline chilled water pump will be provided to the replace the existing.

#### Savings:

- 22,269 kWh

### *ECM #9- Mansion Controls & Recommissioning*

The mansion is primarily served by (4) air handling units located in the basement. Each unit has standalone temperature controls. The units are in adequate condition. McClure will provide new WIFI enabled, programmable thermostats for each unit. Air and water balancing will also be provided for these systems to ensure that the design setpoints/capacities are being met.

#### Savings:

- 8,107 kWh                      163 Gallons Oil

***ECM #10- PA Resources Council Controls & Recommissioning***

The PA Resources Council is a currently unoccupied building. It is served by (2) oil-fired Burnham boilers with (4) hot water zone pumps. The boilers were installed in 1999. McClure will retrofit the existing JCI control system with the necessary updates to provide for temperature setbacks since the building is unoccupied.

Savings:

- 67 Gallons Oil

***ECM #53 (Alternate Scope)- Mansion Chilled Water Pumps***

As an add alternative, in lieu of the direct replacement of the chilled water inline pump, a pump package will be provided with the new air-cooled chiller. This will utilize the factory controls of the chiller to provide variable speed chilled water pumping in response to building demand.

Savings:

- 3,204 kWh

***ECM #54 (Alternate Scope)- Mansion Plantation Wing HVAC Upgrades***

The Mansion Plantation Wing is served by a ducted DX/HW air handling unit located in the attic. The unit is currently not operational. McClure will replace the existing split system with a new unit in the same location. The new condensing unit will be located on grade in the same location as existing.

Savings:

- 5,772 kWh

***ECM #55 (Alternate Scope)- Mansion Window Upgrades***

The existing Mansion windows are single pane and provide opportunities for energy savings. Given the historical background of the building, McClure is proposing to install thermal “storm” type windows on the interior face of the existing window frames to preserve the historical, original windows. Additionally, gaps in the frames will be sealed during the installation.

Savings:

- 367 Gallon Oil                      2,594 kWh

**Nolde Forest Environmental Education Center**

***ECM #5- HVAC Control Upgrades***

This scope is focused on the McConnell Classroom Building. The existing control system is complex and difficult to maintain, leading to it being set to occupied 24/7. The system will be replaced with the WIFI enabled, programmable thermostat recommended throughout this proposal for consistency and ease of operation.

***ECM #7- Window AC Unit Replacements***

This scope is focused on the Residence and replaces (2) window AC units.

***ECM #11- Mansion HVAC Upgrades***

The Nolde Forest Environmental Education Center is served by an air handling unit in the basement, (9) floor-mounted, Electric/DX units throughout the first floor, and numerous hot water radiators throughout. The second floor is provided with supply ductwork, but it has been disconnected. McClure recommends replacing these existing mechanical systems with a variable refrigerant flow (VRF) system to provide cooling and backup heating throughout. The existing hot water system will still function as the primary heating source. The VRF system will consist of floor-mounted, ductless units to replace the existing DX units and (2) ducted, VRF air handling units (AHU) that will utilize the existing supply ductwork, as possible for the first and second floors. The existing hot water heating units will be provided with new hydronic controls.

Savings:

- 11,025 kWh      633 CCF Natural Gas

***ECM #56 (Alternate Scope)- Mansion Generator Upgrades***

The existing 30kW/37.5kVA Onan generator is no longer operational. With recent investments in the boilers, and proposed upgrades to the other HVAC systems, providing an emergency power source to maintain operation and prevent failures of piping systems (freezing) should be considered. McClure proposes to replace the existing generator set in kind with modern equipment.

Savings:

- No energy savings

**Jacobsburg Environmental Education Center**

***ECM #7- Window AC Unit Replacements***

This scope is focused on the Maintenance Building and replaces (2) window AC units.

***ECM #57 (Alternate Scope)- Recommissioning***

The existing HVAC system serving the Environmental Building is a geothermal water to water heat pump system serving chilled beams. Recently the Center invested over \$300,000 into the piping infrastructure to correct operational issues. Continued issues with the central water to water heat pumps plague the system creating routine down time and comfort issues. McClure is proposing to provide recommissioning services to the system using, including equipment evaluation for replacement. Modifications to the system operating parameters, including upgrades to equipment and control devices as necessary, will avoid losing the investment already made into maintaining operation. McClure has large diverse background in recommissioning systems to avoid losing large up-front investments previously made on equipment.

Savings:

- 7,765 kWh

***ECM #58 (Alternate Scope)- Residence HVAC Upgrades***

The Residence is served by an oil-fired boiler that also heats the domestic hot water. McClure proposes to replace the existing boiler with a new propane-fired, high efficiency boiler of the same capacity. New propane piping shall be provided from the unit to the exterior for connection to propane tank provided by DCNR. The existing oil tank in the basement shall be removed. McClure proposes to separate the domestic hot water with a new propane-fired tankless, instantaneous unit. There are (4) window AC units at the residence. McClure will replace these systems with variable refrigerant flow (VRF) systems that will provide cooling and backup heating at the residence.

Savings:

- 5,537 kWh      303 Gallons Oil      -417 Gallons Propane

***ECM #59 (Alternate Scope)- Maintenance Building Boiler Upgrades***

The Maintenance building is served by a 100 MBH cast iron sectional, propane-fired boiler that was installed in 2001. Given the age of the boiler, McClure will replace it with a new propane-fired, high efficiency boiler of the same capacity.

Savings:

- 282 Gallons Propane

**French Creek State Park**

***ECM #7- Window AC Unit Replacements***

This scope is focused on the Maintenance Building and replaces (2) window AC units.

***ECM #12- Residence HVAC Upgrades***

There are (2) residences in French Creek State Park. The Park Manager residence is served by an oil-fired furnace with DX coil. The domestic hot water is provided by a 50 gallon electric water heater. McClure proposes to replace the existing furnace with a new DX/propane-fired furnace. A new condensing unit shall be installed at the same location as existing. New propane piping shall be provided from the unit to the exterior for connection to propane tank provided

by DCNR. The existing oil tanks shall be removed. Additionally, the existing domestic hot water storage type unit will be replaced with a new propane-fired tankless, instantaneous unit of the same capacity. The Assistant Park Manager’s residence is served by an oil-fired boiler that also heats the domestic hot water. McClure proposes to replace the existing boiler with a new propane-fired, high efficiency boiler of the same capacity. Additionally, McClure propose to separate the domestic hot water with a new propane-fired tankless, instantaneous unit.

Savings:

- 768 Gallons Oil                      -1,060 Gallons Propane                      6,721 kWh

***ECM #13- Main Office HVAC Upgrades***

The main office geothermal system was installed in 1996. The building is served by (3) heat pumps and a water-to-water heat pump that pretreats the outdoor ventilation air. Given the age of the equipment, McClure will replace the existing ducted heat pumps with new high efficiency heat pumps in the same location. The water-to-water unit does not currently operate, so McClure will replace with a new unit, as well as new inline pump and runaround coil in the entering outdoor air ductwork. Additionally, McClure will provide air and water balancing to ensure the geothermal system is operating per the design.

Savings:

- 19,386 kWh

***ECM #14- Main Office Domestic Hot Water Upgrades***

The main office is served by a 40 gallon electric domestic water heater. McClure proposes to replace the existing domestic hot water storage type unit with a new propane-fired tankless, instantaneous unit of the same capacity.

Savings:

- 2,708 kWh                                      -120 Gallons Propane

***ECM #15- Main Office Solar***

The Main Office at French Creek State Park features a 2 kW roof mounted solar array. McClure Company is proposing to expand the existing solar infrastructure by over 60 kW which is estimated to produce enough energy to offset the predicted electrical demand for both the Main Office and Maintenance Building. Along with the energy cost savings and utility/grid related rebates, the SREC’s associated with the system production have been included as a revenue stream. SREC’s were conservatively estimated at \$30/unit (trending at \$42/unit at the time of this report). While not currently included additional benefits for solar and renewable energy are anticipated with the expected passing of the Inflation Reduction Act of 2022 that includes increases to the Investment Tax Credit (ITC) and extending the ITC not traditionally available to government/non-profit entities to those parties rather than a third party through a lease or PPA.

Savings:

- \$10,094 Electrical Rate Savings                      \$2,478 in annual SRECs

***ECM #60 (Alternate Scope)- Modern Cabins HVAC Upgrades (Cooling)***

McClure Company is proposing to include HVAC upgrades at the (9) modern cabins similar to those in the DCNR Central project. The new system will provide both heating and cooling. A wall-mounted, ductless split system heat pump shall be provided for each cabin, using existing electric resistance equipment as back up where available. The associated condensing unit will be installed on pavers on grade outside each cabin.

Savings:

- 43,785 kWh

***ECM #61 (Alternate Scope)- Sewage Treatment Lift Station Battery System***

The existing lift station pumps do not have emergency back up power, and the Park experiences 2-3 outages per month. During the extended outages, pump trucks must be brought in to remove the waste from the lift stations to avoid backup. McClure is proposing to install grid charged battery storage at the lift stations to provide power during outages. The battery storage will allow for strategic, intermittent operation of the system during outages, preventing the need for truck pumping. Further investigation is required to determine if the system can be tied to a small solar array to provide off grid charging, effectively increasing the duration of the battery charge. The payback for this system is based on



anticipated rebates and grants currently available. Additional O&M savings have not been included as the current cost associated with the pumping is not known.

## Lackawanna State Park

### ***ECM #3- Heating Fuel Conversion***

This scope is focused on the Lakeside Lodge, converting existing electric domestic hot water units to propane fired.

### ***ECM #4- Pipe Insulation***

This scope is focused on the Lakeside Lodge and Residence heating hot water systems.

### ***ECM #16- Geothermal Recommissioning***

The existing geothermal system was installed in 2001. There were no major issues with the existing system. However, given the age of the system, McClure will provide recommissioning services, including air and water balancing for the geothermal systems to ensure that the design setpoints/capacities are being met. Detailed review of sequences and setpoints will be completed to optimize comfort and operational efficiency.

#### Savings:

- 22,863 kWh

### ***ECM #17- Energy Recovery Unit Controls & Recommissioning***

McClure will provide the necessary controls upgrades to the existing air-to-air energy recovery units to ensure proper scheduling for occupied/unoccupied operation and demand controlled ventilation (DCV) based on space CO<sub>2</sub> levels. Additionally, the equipment will be balanced to ensure the design conditions are met for optimum operational efficiency.

#### Savings:

- 4,907 kWh

### ***ECM #18- Solar***

The Main Office at Lackawanna State Park features an estimated 2 kW roof mounted solar array. McClure Company is proposing to expand the existing solar infrastructure by over 145 kW which is estimated to produce enough energy to offset the predicted electrical demand for both the Main Office and Maintenance Building. Along with the energy cost savings and utility/grid related rebates, the SREC's associated with the system production have been included as a revenue stream. SREC's were conservatively estimated at \$30/unit (trending at \$42/unit at the time of this report). While not currently included additional benefits for solar and renewable energy are anticipated with the expected passing of the Inflation Reduction Act of 2022 that includes increases to the Investment Tax Credit (ITC) and extending the ITC not traditionally available to government/non-profit entities to those parties rather than a third party through a lease or PPA.

#### Savings:

- \$9,838 Electrical Rate Savings                      \$3,867 in annual SRECs

### ***ECM #19- Maintenance Garage Heating Radiant***

The maintenance garage is served by (2) propane-fired unit heaters and a wall-mounted, propane-fired unit. McClure evaluated replacing these units with radiant heating but does not recommend replacement given the age and good condition of the existing units as they were recently installed. There are no associated energy savings with this scope and it has not been included in either design option.

### ***ECM #20- Residence HVAC Upgrades***

The Park Manager's residence and the future Lakeside Lodge are each served by oil-fired, steam boilers. McClure will replace the existing heating systems with variable refrigerant flow (VRF) systems that will provide the heating and cooling to the residences. The existing boilers, steam piping, and oil tanks will all be removed.

#### Savings:

- -5,492 kWh      729 Gallons Oil

## Neshaminy State Park

### *ECM #3- Heating Fuel Conversion*

This scope is focused on the Maintenance Building oil fired furnace, converting to propane fired.

### *ECM #4- Pipe Insulation*

This scope is focused on the Maintenance Building heating and domestic hot water systems.

### *ECM #7- Window AC Unit Replacements*

This scope is focused on the Maintenance Building, replacing (2) window AC units and (1) PTAC unit, and the Park Office, replacing (4) window AC units.

### *ECM #21- Maintenance Building Clerestory Windows*

Located within the garage area of the Maintenance Building are original clerestory windows. The existing system is beginning to fail, allowing air infiltration. McClure is proposing to air seal and install panels over the windows to prevent infiltration.

#### Savings:

- 6,237 kWh

### *ECM #22- Maintenance Building Pool Modifications*

McClure evaluated the existing pool pump and filter arrangement. Based on our preliminary review, relocating the splash pad system should not result in any energy savings, as the existing pump configuration would remain, only now centrally located above the splash pad sump pit. While other operational savings may be possible, no data was available for analysis. Further investigation during the IGA is recommended, but at this time the scope is not included in either design option. Furthermore, given the specialized scope, no estimate can be provided for the relocation work cost.

### *ECM #23- Manger's Residence HVAC Upgrades*

The Park Manager's residence is served by an oil-fired, steam boiler. McClure proposes to replace the existing boiler with a new propane-fired, high efficiency boiler of the same capacity. New propane piping shall be provided from the unit to the exterior for connection to propane tank provided by DCNR. The existing oil tanks shall be removed. Additionally, the existing 50 gallon domestic hot water storage type unit will be replaced with a new propane-fired tankless, instantaneous unit of the same capacity. There are (4) window AC units at the residence. McClure will replace these systems with variable refrigerant flow (VRF) systems that will provide cooling and backup heating at the residence.

#### Savings:

- 5,491 kWh      560 Gallons Oil      -831 Gallons Propane

## Tyler State Park

### *ECM #3- Heating Fuel Conversion*

This scope is focused on the Main Office and Maintenance Building oil fired equipment, converting to propane fired.

### *ECM #5- HVAC Control Upgrades*

This scope is focused on the Main Office. The existing system has various makes, models, and vintages of thermostats focused on zone control of the (2) cooling systems. Additionally, the heating controls are separate from these thermostats, creating opportunities for simultaneous heating and cooling. The systems were operating inconsistently during the surveys with noted issues. McClure is proposing to replace the controls (thermostats) with WIFI programmable thermostats capable to control both the heating and cooling systems.

### *ECM #6- Water Conservation*

See ECM #6 above for scope of work, included in both Design Option 1 and Design Option 2.



***ECM #27- Office Domestic Hot Water System Upgrades***

The Main Office domestic hot water is provided by a 40 gallon electric water heater installed in 2011. McClure proposes to replace the existing domestic hot water storage type unit with a new propane-fired tankless, instantaneous unit of the same capacity. New propane piping shall be provided from the units to the exterior for connection to propane tank provided by DCNR.

Savings:

- 2,708 kWh      -120 Gallons Propane

***ECM #28- Beach House Domestic Hot Water System Upgrades***

The Beach House domestic hot water is provided by (2) 119 gallon electric water heaters. McClure proposes to replace the existing domestic hot water storage type units with new propane-fired tankless, instantaneous units of the same capacity. The building is heater by (4) electric unit heaters. McClure will provide new propane-fired unit heaters of the same capacity to replace the existing electric unit heaters. New propane piping shall be provided from the units to the exterior for connection to propane tank provided by DCNR. This scope of work is not included with either design option, as the payback exceeds program requirements.

Savings:

- 7,653 kWh                      -340 Gallons Propane

***ECM #29- Maintenance Building HVAC Upgrades (Carpenter Shop)***

The carpenter shop is served by a 105 MBH oil-fired furnace. McClure proposes to replace the existing furnace with a new propane-fired furnace. New propane piping shall be provided from the unit to the exterior for connection to propane tank provided by DCNR. The existing oil tanks shall be removed.

Savings:

- 1,549 Gallons Oil              -2,193 Gallons Propane

***ECM #30- Residence HVAC Upgrades***

The residence is served by a 140 MBH oil-fired furnace. The domestic hot water is provided by a 50 gallon electric water heater. McClure proposes to replace the existing furnace with a new propane-fired furnace. New propane piping shall be provided from the unit to the exterior for connection to propane tank provided by DCNR. The existing oil tanks shall be removed. Additionally, the existing domestic hot water storage type unit will be replaced with a new propane-fired tankless, instantaneous unit of the same capacity.

Savings:

- 2,214 kWh      500 Gallons Oil              -707 Gallons Propane

***ECM #64 (Alternate Scope)- Grinder Pump***

During peak operation, the waste water lines back up at the Beach House, creating maintenance issues and requiring constant flushing or pumping. As part of the IGA, McClure is recommending a study of the wastewater system to determine if a grinder pump station is needed in this location to improve flow. No cost or savings have been provided for this scope as it is recommended for study in the next phase.

**Beltzville State Park**

***ECM #3- Heating Fuel Conversion***

This scope is focused on the Maintenance Building and Residence oil fired equipment, as well as the Shower House domestic hot water units, converting to propane fired.

***ECM #7- Window AC Unit Replacements***

This scope is focused on the Maintenance Building, Residence, and Environmental/Bathhouse #1, replacing (3) window AC units. Additionally at the Environmental/Bathhouse, the system will serve as a heat pump to provide primary heating with the electric resistance serving in a backup operation.

***ECM #31- Park Office HVAC Upgrades***

The Park Office is served by (2) Lennox split systems with electric baseboard heating. McClure will replace the (2) existing units with heat pump split systems in the same location. The heat pumps will operate as the primary heating source and electric baseboard shall be controlled to operate as backup.

Savings:

- 9,086 kWh

**Promised Land State Park**

***ECM #3- Heating Fuel Conversion***

This scope is focused on the Main Office, replacing the existing propane boiler with a new high efficiency propane boiler of the same capacity.

***ECM #4- Pipe Insulation***

This scope is focused on the Maintenance Building, Main Office, Day Use Area, Satellite Day Use Bathroom and Cabin Colony heating and domestic hot water systems.

***ECM #5- HVAC Control Upgrades***

This scope is focused on the Main Office and includes replacing the existing controls with new WIFI programmable thermostats, along with system-based recommissioning. The existing system features independent controls of the heating and cooling systems, creating opportunities for simultaneous heating and cooling.

***ECM #7- Window AC Unit Replacements***

This scope is focused on the Maintenance Building Office Area, replacing (1) window AC unit.

***ECM #32- Park Office Generator***

The existing propane generator is in poor condition and in need of repair. Given the age and condition, McClure is proposing to replace the equipment in kind with a new 20kW generator. There are no associated energy savings with this ECM.

***ECM #33- Maintenance Building HVAC Upgrades***

The existing Comfort Maker propane-fired furnace currently does not serve the 3<sup>rd</sup> garage bay. McClure will replace the existing unit with a new, larger propane-fired furnace in the same location with capacity to serve the additional bay. New ductwork will extend to serve the 3<sup>rd</sup> garage bay.

Savings:

- 33 Gallons Propane

***ECM #34- Maintenance Building Controls Upgrades***

The existing temperature controls will be replaced with the new propane-fired furnace. The new unit serving the Maintenance building shall be provided with a WIFI-enabled, programmable thermostat.

Savings:

- 1,332 kWh      75 Gallons Propane

***ECM #35- Treatment Plant Solar***

The Treatment Plant at Promised Land State Park does not currently utilize solar renewable energy. McClure Company is proposing to install solar infrastructure of nearly 120 kW which is estimated to produce enough energy to offset the predicted electrical demand for the facility. Along with the energy cost savings and utility/grid related rebates, the SREC's associated with the system production have been included as a revenue stream. SREC's were conservatively estimated at \$30/unit (trending at \$42/unit at the time of this report). While not currently included additional benefits for solar and renewable energy are anticipated with the expected passing of the Inflation Reduction Act of 2022 that includes increases to the Investment Tax Credit (ITC) and extending the ITC not traditionally available to government/non-profit entities to those parties rather than a third party through a lease or PPA.

Savings:

- \$19,456 Electrical Rate Savings      \$4,725 in annual SRECs

***ECM #36- Treatment Plant Controls Upgrades***

McClure will upgrade the existing controls serving the Treatment Plant with a WIFI-enabled, programmable thermostat that will allow for remote monitoring and setbacks.

Savings:

- 3,374 kWh

***ECM #37- Day Use Area Controls Upgrades***

McClure will upgrade the existing controls serving the Day Use Bathroom with a WIFI-enabled, programmable thermostat that will allow for remote monitoring and setbacks.

Savings:

- 4,584 kWh

***ECM #38- Day Use Area Domestic Hot Water System Upgrades***

Per surveys, the comfort station is served by tankless domestic water heaters and the restrooms are provided with cold water only. Therefore, McClure does not recommend any water heater upgrades for the Day Use area. This scope is not included in either design option.

***ECM #39- Pickerel Point Bathroom Heating***

There is (1) seasonal bathroom that does not have heating. McClure will provide new wall-mounted, propane radiant heaters to serve this bathroom. New propane piping shall be provided from the unit to the exterior for connection to propane tank provided by DCNR.

Savings:

- -714 Gallons Propane

***ECM #40- Pickerel Point Cottages Heating***

The (3) existing cottages are served by electric baseboard heating. McClure proposes to install new wall-mounted, propane radiant equipment as the primary heat source. New propane piping shall be provided from the unit to the exterior for connection to propane tank provided by DCNR. The existing electric resistance heating shall be retained as back up heat.

Savings:

- -178 Gallons Propane

***ECM #41- Park Water System Upgrades***

Primarily during winter operation, the Park loses water pressure for over half the grounds. This coincides with power outages and causes issues with the year round facilities maintaining operation. Without emergency back up power, the system is down for extended periods of time. McClure is proposing to install grid charged battery storage for the water system. The battery storage will allow for strategic, intermittent operation of the system during power outages, preventing the loss of pressure. Further investigation is required to determine if the system can be tied to a small solar array to provide off grid charging, effectively increasing the duration of the battery charge. The payback for this system is based on anticipated rebates and grants currently available. Additional O&M savings have not been included as the current cost associated with the pressure loss is not known.

***ECM #65 (Alternate Scope)- Main Office HVAC Upgrades***

The Main Office is served by a 5-Ton Carrier ducted split system AC unit. The system uses R-22 refrigerant. Given the age and condition of the equipment, McClure recommends replacing the AC unit with a new ducted heat pump in the same location. The heat pump will provide backup heating capabilities for the building.

Savings:

- 10,811 kWh



## Nescopeck State Park

### ***ECM #4- Pipe Insulation***

This scope is focused on the Assistant Park Manager Residence, Park Manager Residence, Assistant Regional Manager Residence, Well House, and Office heating and domestic hot water systems.

### ***ECM #42- Geothermal Recommissioning***

The existing geothermal system was installed in 2004 when the building was constructed. There were no major issues with the existing system. However, given the age of the system, McClure will provide air and water balancing for the geothermal systems to ensure that the design setpoints/capacities are being met. Additionally, McClure will replace the existing heat pump temperature controls with WIFI-enabled, programmable thermostats.

#### Savings:

- 34,498 kWh

### ***ECM #43- Lobby Destratification Fans***

The Park Office entry lobby gets cold in winter and features a 2 story open area. Therefore, McClure will provide destratification fans to improve comfort within the space by keeping the air temperature more consistent at the lower levels in the lobby.

#### Savings:

- 2,464 kWh

### ***ECM #44- Sewage Bill Deduct***

This ECM has been removed from the scope per direction in Bulletin #1 from DCNR/DGS.

## Forestry District #18 – Weiser State Forest

### ***ECM #3- Heating Fuel Conversion***

Fire Cache, Locust Valley, Bear Gap, and Penn Forest are each served by oil-fired heating equipment. McClure proposes to replace this equipment with propane-fired, high efficiency equipment of the same capacity. New propane piping shall be provided from the unit to the exterior for connection to propane tank provided by DCNR. The existing oil tanks shall be removed. The new equipment will be provided with WIFI-enabled, programmable thermostats that allow for remote monitoring and scheduled temperature setbacks.

### ***ECM #4- Pipe Insulation***

This scope is focused on the Roaring Creek House, Haldeman Maintenance Building, Penn Forest and Locust Valley sites heating and domestic hot water systems.

### ***ECM #5- HVAC Control Upgrades***

This scope is focused on the Fire Cache, Bear Gap, and Penn Forest sites to provide consistent control solutions throughout the Forest District and region. McClure will install new WIFI programmable thermostats along with the proposed boiler or furnace upgrades.

### ***ECM #45- Recommissioning***

Preliminary review of the utility bills and site surveys show little opportunity for recommissioning at many sites not included above for equipment upgrades. The district office is served by biomass wood and offers little energy saving opportunities. No utility information was provided for the heating fuel. McClure has provided a price for recommissioning scope, but no savings, as none are expected, for Haldeman and the district office. This scope is not included in either design option.

### ***ECM #46- Bear Gap Insulation***

During site surveys the area above the kitchenette/breakroom was noted as requiring insulation and air barrier for energy savings and comfort. Given the installation of the standing seam roof, without more detailed site surveys and potential

destructive investigation, the scope to insulate the existing roof is unknown. Further study is required during the IGA, however, McClure has provided a cost and savings associated with the kitchenette/breakroom insulation.

Savings:

- 68 Gallons Oil

**Forestry District #20 – Loyalsock State Forest**

***ECM #3- Heating Fuel Conversion***

This scope is focused on the Maintenance Garage, replacing the existing oil fired equipment with new high efficiency propane fired equipment of similar capacity.

***ECM #4- Pipe Insulation***

This scope is focused on the Forest Maintenance Headquarters, Office, Residence, and Shop heating and domestic hot water systems.

***ECM #47- Recommissioning***

The existing geothermal system was installed in 2008 when the building was constructed. There were no major issues with the existing system. The building does have weekend and nighttime occupancy. McClure will provide new WIFI-enabled, temperature controls for these areas to allow for better off-hours scheduling. Additionally, McClure will provide air and water balancing for the geothermal systems to ensure that the design setpoints/capacities are being met.

Savings:

- 3,493 kWh

***ECM #48- Surge Suppression System***

Upon review and site visits, it was determined that the site does have the necessary surge suppression system, however, recent water damage to the main electrical gear is evident. McClure is recommending a power systems study to determine the extent of damage as this could be a cause of the electrical issues currently experienced by the facility. The cost of the study, along with a budgetary cost for the gear replacement is included in this measure. No energy savings have been included and limited O&M savings have been provided for use in design option 2.

***ECM #49- Solar***

As an additional opportunity to expand renewable offerings, McClure is proposing solar at the District Office. Not only will the energy produced offset grid dependence, it will also provide resiliency to consistent brown outs experience by the facility. McClure is proposing approximately 110 kW of solar, enough to offset the estimated demand of the facility. Along with the energy cost savings and utility/grid related rebates, the SREC's associated with the system production have been included as a revenue stream. SREC's were conservatively estimated at \$30/unit (trending at \$42/unit at the time of this report). While not currently included additional benefits for solar and renewable energy are anticipated with the expected passing of the Inflation Reduction Act of 2022 that includes increases to the Investment Tax Credit (ITC) and extending the ITC not traditionally available to government/non-profit entities to those parties rather than a third party through a lease or PPA.

Savings:

- \$13,662 Electrical Rate Savings                      \$3,339 in annual SRECs

***ECM #50- Office Sand Mound Pump & Controls***

Upon review and Bulletin 3, this scope is no longer considered for this response. It is not included in either design option.

***ECM #51- Maintenance Office HVAC Upgrades***

The maintenance office is served by a ducted AC unit and floor-mounted, thermal storage electric heaters along the exterior walls. McClure proposes to replace the existing AC unit in the attic with a heat pump unit in the same location. The electric heaters shall remain as a backup heat source.

Savings:

- 5,210 kWh

RFQ Response

**ECM #52- Oil Storage Building Relocation**

The existing oil storage building is located behind the maintenance buildings directly adjacent to the stream. There are concerns about potential oil contamination as the stream floods. McClure proposes to provide a new prefabricated structure for oil storage on the other side of the road away from stream. No savings are associated with this measure.

**ECM-66 RFQ Sites General Recommissioning**

**Concept**

Given the limited equipment or control replacement scope included in Design Option 1, McClure is recommending advance recommissioning of the existing to remain systems that would otherwise be addressed through Design Option 2.

**Existing Conditions**

Many of the existing facilities were observed with little to no schedule or setpoint control. Often systems were set to operate 24/7/365 and in some cases, with heating and cooling systems operating simultaneously.

**Proposed Solution**

McClure proposes to deploy our in house Commissioning Team to meter, develop, implement and monitor the operational parameters of the major heating and cooling systems as the RFQ sites. This scope will provide a recommissioning of systems based on control parameters to generate energy savings. Additionally, as part of the study, McClure will provide DCNR with a deficiency list of equipment that can be addressed through the project or externally, to ensure equipment is operating at its highest potential.

**Annual Savings / Benefits**

Annual energy savings are a result of tighter controlled occupancy periods and occupied/unoccupied set points.

**Savings:**

- 473,586 kWh    2,577 Gallons Oil    573 Gallons Propane

**ECM-67 Electric Vehicle Charging Stations**

**Concept**

Various sites were surveyed with existing electric vehicle (EV) charging stations, many of which were covered to prevent use. To promote the use of EV's in conjunction with other Commonwealth initiatives, implanting additional EV charging stations with the ability to achieve additional rebates or incentives, fits well within the scope of an energy project.

**Proposed Solution**

McClure proposes to install a single pedestal, dual head 32A, level 2 charging station at each of the following: Ridley Creek, Neshaminy, and Tyler State Parks, as well as Jacobsburg Environmental Education Center. Other sites may be considered and final locations are to be determined with facility staff. Additionally, McClure will review the existing installations to determine if modifications are required to further benefit DCNR. As part of the IGA, McClure also proposes to investigate additional incentives around battery storage and solar charging, both of which add additional rebate monies to the scope. No energy or O&M savings have been included at this time, nor have any potential revenue streams from charging software.

**C**

Quote provides a preliminary assessment of the ECMs, including a detailed estimate of implementation costs and energy cost savings, with detailed calculations, for each ECM.

McClure Company has evaluated and provided a preliminary assessment for each energy conservation measure (ECM) opportunity, which includes estimated implementation costs, energy cost savings, and savings calculations that support implementation of each ECM under this GESA program. Detailed calculations for the energy cost savings can be found

under **Appendix 1**. Our preliminary assessment of the identified Core ECM opportunities is based upon the information, data and the allotted site visits provided under this RFQ.

**Table 2.6 C1.1** provided above summarizes the total implementation costs and savings for each ECM evaluated, along with references should an ECM not have been included.

**Table 2.6 C1.2** below shows total implementation cost along with energy unit and cost savings for the recommended option only. Additional information on the self funded option is included in 2.6 C1.d below.

**Table 2.6 C1.2 – Proposed Energy Conservation Measures – Design Option 2 Program: Total Installation Costs and Annual Savings.** Note, McClure’s Option 2 project presented below utilizes a responsible level of annually applied energy savings, energy related cost savings, O&M savings, revenue streams and Act 129 energy rebate dollars.

ECM ID	ECM Description	Total Costs (\$)	Electric (kWh/Yr)	Electric (\$/yr)	Oil (Gal/Yr)	Oil (\$/Yr)	Propane (Gal/Yr)	Propane (\$/Yr)	Natural Gas (CCF/Yr)	Natural Gas (\$/Yr)	Water (kgal/yr)	Water (\$/yr)	Rebates / Incentives (\$)	Total Cost Savings (\$) *
1	Lighting Upgrades	\$1,361,537	811,130	\$91,142									\$61,022	\$152,164
2	Building Weatherization	\$368,622	174,216	\$18,700	2,629	\$11,069	1,842	\$3,544	1,096	\$891				\$34,204
3	Heating Fuel Conversion	\$927,466	1,782	\$136	11,697	\$45,022	-16,338	-\$31,033						\$14,125
4	Pipe Insulation	\$31,555			880	\$2,781	967	\$1,815						\$4,596
5	HVAC Control Upgrades	\$53,458	21,460	\$2,389	563	\$1,911	102	\$178	95	\$77				\$4,555
6	Water Conservation	\$225,272									1,286	\$16,409		\$16,409
7	Window AC Unit Replacements	\$513,594	66,338	\$7,569									\$1,333	\$8,902
8	Mansion Chiller Replacement	\$210,178	22,269	\$2,521										\$2,521
9	Mansion Controls & Recommissioning	\$21,299	8,107	\$918	163	\$830								\$1,748
10	PA Resources Council Controls & Recommissioning	\$11,445			67	\$338								\$338
11	Mansion HVAC Upgrades	\$276,356	11,025	\$1,243					663	\$515			\$348	\$2,106
12	Residence HVAC Upgrades	\$182,041	6,721	\$821	768	\$2,457	-1,060	-\$2,120					\$212	\$1,370
13	Main Office HVAC Upgrades	\$167,899	19,386	\$2,369										\$2,369
14	Main Office Domestic Hot Water Upgrades	\$13,263	2,708	\$331			-120	-\$240						\$91
15	Main Office Solar	\$126,559		\$10,094									\$6,608	\$16,702
16	Geothermal Recommissioning	\$9,969	22,863	\$1,745									\$722	\$2,467
17	Energy Recovery Unit Controls & Recommissioning	\$14,167	4,907	\$375									\$155	\$530
18	Solar	\$307,656		\$9,838									\$157,695	\$167,533
20	Residence HVAC Upgrades	\$130,526	-5,492	-\$419	729	\$1,747								\$1,328
21	Maintenance Building Clerestory Windows	\$4,384	6,237	\$885										\$885
23	Manager's Residence HVAC Upgrades	\$124,333	5,491	\$779	560	\$2,489	-831	-\$1,662						\$1,606
24	Park Office HVAC Upgrades	\$25,080	1,523	\$98	48									\$98
25	Main Office HVAC Upgrades	\$30,297	10,340	\$1,484			-322	-\$608					\$327	\$1,203
27	Office Domestic Hot Water System Upgrades	\$11,088	2,708	\$389			-120	-\$227						\$162
29	Maintenance Building HVAC Upgrades (Carpenter Shop)	\$32,600			1,549	\$4,241	-2,193	-\$4,140						\$101
30	Residence HVAC Upgrades	\$58,271	2,214	\$318	500	\$1,369	-707	-\$1,335						\$352
31	Park Office HVAC Upgrades	\$41,633	9,086	\$992									\$287	\$1,279
32	Park Office Generator	\$98,382												\$0

**Pennsylvania Department of Conservation and Natural Resources**  
**State Parks and Forests, Eastern Region – GESA 2022-1**  
**RFQ Response**

**2.6 C1**

ECM ID	ECM Description	Total Costs (\$)	Electric (kWh/Yr)	Electric (\$/yr)	Oil (Gal/Yr)	Oil (\$/Yr)	Propane (Gal/Yr)	Propane (\$/Yr)	Natural Gas (CCF/Yr)	Natural Gas (\$/Yr)	Water (kgal/yr)	Water (\$/yr)	Rebates / Incentives (\$)	Total Cost Savings (\$) *
33	Maintenance Building HVAC Upgrades	\$20,486					33	\$58						\$58
34	Maintenance Building Controls Upgrades (cost included with ECM 33 above)	\$0	1,332	\$165			75	\$132					\$42	\$339
35	Treatment Plant Solar	\$254,797		\$19,456									\$132,124	\$151,580
36	Treatment Plant Controls Upgrades	\$4,793	3,374	\$417									\$107	\$524
37	Day Use Area Controls Upgrades	\$7,701	4,584	\$566									\$145	\$711
39	Pickrel Point Bathroom Heating	\$35,213					-714	-\$1,251						-\$1,251
40	Pickrel Point Cottages Heating	\$24,489					-178	-\$312						-\$312
41	Park Water System Upgrades	\$275,471											\$19,500	\$19,500
42	Geothermal Recommissioning	\$18,342	34,498	\$4,066									\$1,089	\$5,155
43	Lobby Destratification Fans	\$7,274	2,464	\$290										\$290
46	Bear Gap Insulation	\$13,638			68	\$231								\$231
47	Recommissioning	\$6,428	3,493	\$429										\$429
48	Surge Suppression System	\$32,794												\$0
49	Solar	\$238,426		\$13,662									\$6,678	\$20,340
51	Maintenance Office HVAC Upgrades	\$24,533	5,210	\$640									\$170	\$810
52	Oil Storage Building Relocation	\$18,265												\$0
53	Ridley Creek State Park Mansion Chilled Water Pumps	\$26,235	3,204	\$363										\$363
54	Ridley Creek State Park Mansion Plantation Wing HVAC Upgrades	\$27,272	5,772	\$653										\$653
55	Ridley Creek State Park Mansion Window Upgrades	\$134,546	2,594	\$294	367	\$1,866								\$2,160
56	Nolde Forest Environmental Education Center Generator Upgrades	\$73,059												\$0
57	Jacobsburg Environmental Education Center Recommissioning HVAC System	\$12,068	7,765	\$749										\$749
58	Jacobsburg Environmental Education Center Residence HVAC Upgrades	\$116,170	5,537	\$534	303	\$1,539	-417	-\$835						\$1,238
59	Jacobsburg Environmental Education Center Maintenance Building Boiler Upgrades	\$28,818					282	\$564						\$564
60	French Creek State Park Modern Cabins HVAC Upgrades (Cooling)	\$177,431	43,785	\$5,347									\$1,382	\$6,729
61	French Creek State Park Sewage Treatment Lift Station Battery System	\$275,471											\$19,500	\$19,500
63	Tyler State Park Solar	\$47,597		\$1,675									\$783	\$2,458
65	Promised Land State Park Main Office HVAC Upgrades	\$25,102	10,811	\$1,335									\$341	\$1,676
67	Electric Vehicle Charing Stations	\$90,000												\$0
<b>Totals:</b>		<b>\$7,395,348</b>	<b>1,339,442</b>	<b>\$205,358</b>	<b>20,891</b>	<b>\$77,890</b>	<b>-19,699</b>	<b>-\$37,472</b>	<b>1,854</b>	<b>\$1,483</b>	<b>1,286</b>	<b>\$16,409</b>	<b>\$410,570</b>	<b>\$674,238</b>
DGS Energy Consultant Fees:		\$0	<i>*Where no kWh are saved, there is a rate savings through billing</i>										Escalated	\$680,980
Bond Cost		\$52,623												
<b>Total Project Cost</b>		<b>\$7,447,971</b>												

*McClure Company commits that the total energy savings projected in the final scope of work will be at least 95% of the savings projected in this quote proposal, the actual ECM costs shall be within 10% of the costs listed within the CEA, and that this project will be self-funded over the financial term of the project (maximum term of 18 years).*

d

Quote provides a project that does not include usage of O&M savings nor energy related cost savings.

This section summarizes the self-funded Design Option 1, not currently recommended by McClure. It contains all cost, savings, and cash flow tables associated with Design Option 1 scopes.

**Table 2.6 C1.3 – Proposed Energy Conservation Measures – Option 1 Program: Total Installation Costs and Annual Savings.** Note, McClure’s Option 1 project presented below has no financial shortfalls and is a fully self-funded GESA program utilizing guaranteed energy savings, projected revenue streams, and Act 129 energy rebate dollars. Annual revenue streams are included in the Rebates/Incentives column.

ECM ID	ECM Description	Total Costs (\$)	Electric (kWh/Yr)	Electric (\$/Yr)	Oil (Gal/Yr)	Oil (\$/Yr)	Propane (Gal/Yr)	Propane (\$/Yr)	Natural Gas (Therms/Yr)	Natural Gas (\$/Yr)	Water (kgal/yr)	Water (\$/Yr)	Rebates / Incentives (\$)	Total Cost Savings (\$) *
1	Lighting Upgrades	\$1,361,537	811,130	\$91,142									\$61,022	\$152,164
2	Building Weatherization	\$303,606	168,936	\$18,037	2,365	\$10,175	1,551	\$2,963	1,096	\$891				\$32,066
3	Heating Fuel Conversion	\$44,713			983	\$4,996	-1,449	-\$2,516						\$2,480
4	Pipe Insulation	\$31,555			880	\$2,781	967	\$1,815						\$4,596
5	HVAC Control Upgrades	\$24,971	17,855	\$2,069	483	\$1,631			95	\$77				\$3,777
6	Water Conservation	\$69,854									800	\$6,857		\$6,857
7	Window AC Unit Replacements	\$18,188	7,560	\$826										\$826
8	Mansion Chiller Replacement	\$210,178	22,269	2,521										\$2,521
9	Mansion Controls & Recommissioning	\$21,299	8,107	918	163	830								\$1,748
11	Mansion HVAC Upgrades	\$276,356	11,025	1,243					663	515			348	\$2,106
15	Main Office Solar	\$126,559		10,094									6,608	\$16,702
16	Geothermal Recommissioning	\$9,969	22,863	1,745									722	\$2,467
18	Solar	\$307,656		9,838									157,695	\$167,533
21	Maintenance Building Clerestory Windows	\$4,384	6,237	885										\$885
35	Treatment Plant Solar	\$254,797		19,456									132,124	\$151,580
36	Treatment Plant Controls Upgrades	\$4,793	3,374	417									107	\$524
37	Day Use Area Controls Upgrades	\$7,701	4,584	566									145	\$711
41	Park Water System Upgrades	\$275,471											19,500	\$19,500
42	Geothermal Recommissioning	\$18,342	34,498	4,066									1,089	\$5,155
47	Recommissioning	\$6,428	3,493	429										\$429
49	Solar	\$238,426		13,662									6,678	\$20,340
54	Ridley Creek State Park Mansion Plantation Wing HVAC Upgrades	\$27,272	5,772	653										\$653
57	Jacobsville Environmental Education Center Recommissioning HVAC System	\$12,068	7,765	749										\$749
63	Tyler State Park Solar	\$47,597		1,675									783	\$2,458
66	RFQ Sites General Recommissioning	\$229,559	473,586	51,380	2,577	9,520	573	1,171						\$62,071
<b>Totals:</b>		<b>\$3,933,278</b>	<b>1,609,054</b>	<b>\$232,371</b>	<b>7,451</b>	<b>\$29,933</b>	<b>1,642</b>	<b>\$3,433</b>	<b>1,854</b>	<b>\$1,483</b>	<b>800</b>	<b>\$6,857</b>	<b>\$386,821</b>	<b>\$660,898</b>
DGS Energy Consultant Fees:		\$0	*Where no kWh are saved, there is a rate savings through billing											
Bond Cost		\$31,316												
<b>Total Project Cost</b>		<b>\$3,964,594</b>												
													Escalated	\$667,507

Utilizing the RFQ provided Cash Flow Templates, please find McClure Company’s annual financial projections for the Option 1 modeled to 18-year contract terms.

Our cash-flow and annual financial projections are prepared in accordance to the format and requirements defined by the RFQ. All energy savings presented on these tables are guaranteed directly by McClure Company.

Detailed energy and cost calculations for each ECM can be found in **Appendix 1**. For purposes of developing this proposal and the many assumed variables at this phase of the project, we have de-rated the calculated savings for an added level of conservatism. When the Investment Grade Audit (IGA) is conducted, many variables will be measured and verified and the savings will be adjusted accordingly. For purposes of this cash flow, the Annual Energy Cost Savings column (Column C) has been modified to include annual revenues to be counted towards the project savings. This is not considered O&M savings as it is similar to ACT 129 savings which are allowable.



**Table 2.6 C1.4: Annual Financial Cash Flow – Option 1 – Core & Additional ECMs**

Annual Financial Cash Flow Option 1 – Core & Additional ECMs DCNR Eastern Region GESA Project 3% Rate / 18 Year Term				
Total Project Cost:	\$	4,043,260	Interest Rate:	3%
Rebates /Incentives:	\$	352,367	Annual Utility Escalation Rate:	1%
Net Project Cost to be Financed:	\$	3,690,893	Construction Period (Months):	18
First Year Energy Savings:	\$	292,011	Payment Frequency:	Annual

Year	A Annual Energy Costs without Improvements	B Annual Energy Costs with Improvements	C Annual Energy Cost Savings (A-B)	D O&M	E Total Savings (C + D)	F Payments for Financing Equipment	G Energy Related Cost Savings	H Payments for Monitoring & Maintenance Services	I Net Annual Benefit	J Cumulative Cash Flow
Const.	\$471,908	\$340,074	\$137,039		\$137,039				\$137,039	\$137,039
1	\$476,627	\$210,322	\$292,011		\$292,011	\$266,869		\$3,000	\$22,142	\$22,142
2	\$481,393	\$212,426	\$294,931		\$294,931	\$266,869		\$3,090	\$24,972	\$24,972
3	\$486,207	\$214,550	\$297,880		\$297,880	\$266,869		\$3,183	\$27,828	\$27,828
4	\$491,069	\$216,695	\$300,859		\$300,859	\$266,869		\$0	\$33,990	\$33,990
5	\$495,980	\$218,862	\$303,868		\$303,868	\$266,869		\$0	\$36,998	\$36,998
6	\$500,940	\$221,051	\$306,906		\$306,906	\$266,869		\$0	\$40,037	\$40,037
7	\$505,949	\$223,261	\$309,975		\$309,975	\$266,869		\$0	\$43,106	\$43,106
8	\$511,009	\$225,494	\$313,075		\$313,075	\$266,869		\$0	\$46,206	\$46,206
9	\$516,119	\$227,749	\$316,206		\$316,206	\$266,869		\$0	\$49,337	\$49,337
10	\$521,280	\$230,026	\$319,368		\$319,368	\$266,869		\$0	\$52,499	\$52,499
11	\$526,493	\$232,327	\$322,562		\$322,562	\$266,869		\$0	\$55,692	\$55,692
12	\$531,758	\$234,650	\$325,787		\$325,787	\$266,869		\$0	\$58,918	\$58,918
13	\$537,075	\$236,996	\$329,045		\$329,045	\$266,869		\$0	\$62,176	\$62,176
14	\$542,446	\$239,366	\$332,336		\$332,336	\$266,869		\$0	\$65,466	\$65,466
15	\$547,870	\$241,760	\$335,659		\$335,659	\$266,869		\$0	\$68,790	\$68,790
16	\$553,349	\$244,178	\$339,016		\$339,016	\$266,869		\$0	\$72,146	\$72,146
17	\$558,883	\$246,619	\$342,406		\$342,406	\$266,869		\$0	\$75,536	\$75,536
18	\$564,471	\$249,086	\$345,830		\$345,830	\$266,869		\$0	\$78,961	\$78,961
Totals:	\$9,820,827	\$4,465,493	\$5,864,758	\$0	\$5,864,758	\$4,803,646	\$0	\$9,273	\$1,051,839	

NPV of Cashflow (Column I):

*Notes:*

Under column H, the first 3 years include M&V services as requested by DGS at the following costs based on the proposed scope:

- Year 1 \$3,000
- Year 2 \$3,090
- Year 3 \$3,183

Table 2.6 C1.5: Costs & Savings Summary – Option 1 – Core & Additional ECMs

Costs & Savings Summary Option 1 – Core & Additional ECMs DCNR Eastern Region GESA Project 3% Rate / 18 Year Term													
ECM Chart													
Project Column Description													
A: Construction cost to supply, install and start-up ECM													
B: Preliminary Calculated Utility Rebate													
C: Preliminary Calculated Energy Savings													
D: Operation and Maintenance (O&M) Savings (provided in RFQ)													
E: C + D													
F: (A - B) / E													
G: Calculated Utility Savings (energy constant by ESCO)													
H: Additional Funds Needed Annually for 18 Year Simple Payback													
Proposed Project With Energy Related Cost Savings (18 Year Payback)													
ECM #	ECM Description	A	B	C	D	E	F	G Annual Utility Savings					H
		Construction Cost	Utility Rebate	Annual Energy Savings	O&M Savings	Total Energy and O&M Savings	Simple Payback	Natural Gas (CCF)	Electric (kWh)	Water / Sewer (Kgal)	Propane (Gal)	Oil (Gal)	Annual SPB Shortfall
1	Lighting Upgrades	\$1,361,537	\$61,022	\$91,142	\$0	\$91,142	14.27	0	811,130	0	0	0	0
2	Building Weatherization	\$303,606	\$0	\$32,067	\$0	\$32,067	9.47	1,096	168,936	0	1,551	2,365	
3	Heating Fuel Conversion	\$4,713	\$0	\$2,480	\$0	\$2,480	18.03	0	0	0	-1,449	983	
4	Pipe Insulation	\$31,555	\$0	\$4,596	\$0	\$4,596	6.87	0	0	0	967	880	
5	HVAC Control Upgrades	\$24,971	\$0	\$3,778	\$0	\$3,778	6.61	95	17,855	0	0	483	
6	Water Conservation	\$69,854	\$0	\$6,857	\$0	\$6,857	10.19	0	0	800	0	0	
7	Window AC Unit Replacements	\$18,188	\$239	\$826	\$0	\$826	21.74	0	7,560	0	0	0	
8	Mansion Chiller Replacement	\$210,178	\$0	\$2,521	\$0	\$2,521	83.37	0	22,269	0	0	0	
9	Mansion Controls & Recommissioning	\$21,299	\$0	\$1,748	\$0	\$1,748	12.18	0	8,107	0	0	163	
11	Mansion HVAC Upgrades	\$276,356	\$348	\$1,757	\$0	\$1,757	157.07	663	11,025	0	0	0	
15	Main Office Solar	\$126,559	\$4,130	\$10,094	\$0	\$10,094	12.13	0	0	0	0	0	
16	Geothermal Recommissioning	\$9,969	\$722	\$1,745	\$0	\$1,745	5.30	0	22,863	0	0	0	
18	Solar	\$307,656	\$153,828	\$9,838	\$0	\$9,838	15.64	0	0	0	0	0	
21	Maintenance Building Clerestory Windows	\$4,384	\$0	\$885	\$0	\$885	4.95	0	6,237	0	0	0	
35	Treatment Plant Solar	\$254,797	\$127,399	\$19,456	\$0	\$19,456	6.55	0	0	0	0	0	
36	Treatment Plant Controls Upgrades	\$4,793	\$107	\$417	\$0	\$417	11.24	0	3,374	0	0	0	
37	Day Use Area Controls Upgrades	\$7,701	\$145	\$566	\$0	\$566	13.35	0	4,584	0	0	0	
41	Park Water System Upgrades	\$275,471	\$0	\$0	\$0	\$0		0	0	0	0	0	
42	Geothermal Recommissioning	\$18,342	\$1,089	\$4,066	\$0	\$4,066	4.24	0	34,498	0	0	0	
47	Recommissioning	\$6,428	\$0	\$429	\$0	\$429	14.99	0	3,493	0	0	0	
49	Solar	\$238,426	\$3,339	\$13,662	\$0	\$13,662	17.21	0	0	0	0	0	
54	Ridley Creek State Park Mansion Plantation Wing HVAC Upgrades	\$27,272	\$0	\$653	\$0	\$653	41.74	0	5,772	0	0	0	
57	Jacobsville Environmental Education Center Recommissioning HVAC System	\$12,068	\$0	\$749	\$0	\$749	16.12	0	7,765	0	0	0	
63	Tyler State Park Solar	\$47,597	\$0	\$1,675	\$0	\$1,675	28.42	0	0	0	0	0	
66	RFQ Sites General Recommissioning	\$229,559	\$0	\$62,072	\$0	\$62,072		0	473,586	0	573	2,577	
	Bond Cost	\$31,316											
	Project Contingency	\$78,666											
	<b>Totals:</b>	<b>\$4,043,260</b>	<b>\$352,367</b>	<b>\$274,078</b>	<b>\$0</b>	<b>\$274,078</b>	<b>13.47</b>	<b>1,854</b>	<b>1,609,054</b>	<b>800</b>	<b>1,642</b>	<b>7,451</b>	<b>\$0</b>

Utility Rebates (Total)	\$352,367
Energy Related Cost Savings (Total)	\$0
Total Financed Amount	\$3,690,893

### Option 1 O&M Savings

No O&M savings or ERCS have been included in the above cash flow.

e

Quote thoroughly demonstrates the technical feasibility, suitability, reasonableness, comprehensiveness and acceptability of the proposed ECMs, including the proposed equipment and level of quality of the equipment for the proposed savings.

McClure’s evaluation of the proposed energy conservation measures (ECMs) includes the technical feasibility, suitability, reasonableness, comprehensiveness, and acceptability as demonstrated below. All material, equipment and installation labor needed to deliver “turnkey” solutions are provided by McClure, including our internal quality evaluation of said equipment to generate the proposed savings.

The *Technical Feasibility* of the ECMs proposed was taken from McClure’s vast energy project experience on past projects implemented across the Commonwealth. Many of the ECMs proposed were designed specifically for the required building application. The lighting scope was also customized for office and public-space facilities, interior

and exterior applications, to ensure light levels met code requirements. While the systems proposed were created with DCNR specifically in mind, these system types have been instituted across other McClure facility projects implemented throughout the Commonwealth. With our knowledge of design, implementation, and post construction monitoring and servicing of these systems, McClure’s Design/Build expertise and comfort in servicing these systems will ensure a successful final product for the DCNR GESA project.

The *Suitability* of the ECMs proposed will be reviewed with DCNR during the Investment Grade Audit phase of the project. A kick-off meeting, interim meeting(s) and final meeting will ensure the proposed ECMs are suitable and align with both DCNR’s and Commonwealth’s staff goals, needs, and future facility requirements.

The *Reasonableness* of the ECMs proposed will be identified, quantified and communicated to the project team through a variety of metrics. These metrics will ensure optimization of an ECM at each level, from each unit component to the full system application. This protocol is essential to ensuring that the ECMs proposed not only meet the goals of DCNR and the Commonwealth for the long-term but are also reasonable and make implementation sense from multiple metric aspects.

The *Comprehensiveness* of the ECMs proposed starts with the Investment Grade Audit (IGA). McClure understands that the scope of each ECM shall not be applied without careful monitoring; that significant due diligence analysis and understanding of the client’s operation needs to be taken into consideration for all future ECMs. A blanket solution is not always viable or may not make financial or physical sense. McClure’s approach to ECM identification and scope determination is comprehensive, time intensive, and extensive. Not only is every ECM system reviewed, but each system component is carefully analyzed, measured, metered and/or evaluated for reasonableness, suitability and technical feasibility, including interaction with other measures. This upfront qualification ensures a fully customized product of our Investment Grade Audit, in addition to multiple ECM options presented to DCNR and the Commonwealth for consideration.

The *Acceptability* of the ECMs proposed is an important step for a successful project. A kick-off meeting, interim meeting(s) and final meeting will ensure the ECMs proposed are suitable for DCNR and Commonwealth staff’s goals, needs, and future facility requirements.



Quote thoroughly describes training to be provided to Funding Agency staff, including scope and personnel who will be providing the training and whether the training will be videotaped for future use.

McClure will provide extensive training to the DCNR staff on all newly installed systems and technology. Below is a summary of the training scope that will be provided to DCNR personnel. If preferred, this training may also be videotaped for future DCNR use. Each training seminar will review the basic operational and maintenance (O&M) practices, introducing new technology and procedures to DCNR staff. The training seminars, along with the documentation, will be coordinated with DCNR staff and will be fully customized to meet the goals and needs of DCNR.

*Training scope* selection is paramount for a successful energy savings project. To achieve long-term success of ECM system operability and savings potential, the in-house maintenance personnel must have an understanding of the ECM design and be capable of operating the equipment, especially in emergency situations. The initial training we provide to DCNR staff includes a comprehensive review each ECM. This review will include an explanation of the energy savings expected with each ECM, a description of the construction that was included to achieve the savings, and O&M procedures of the new equipment. McClure’s Project Development Engineer will provide this training due to their direct knowledge and understanding of the overall scope. Training is the most important component for an energy project to ensure long-term success. During project commissioning and closeout, training will be customized for each ECM system.

*DCNR Personnel being provided the training* shall be a necessary component for project closeout and throughout the life of the contract. McClure Company will provide a qualified instructor on all new energy conservation measure (ECM) systems. We have the ability to train personnel both on and off-site, based upon preference. Onsite training allows all training session to be attended by all applicable DCNR personnel. To ensure increased training outreach,

there is no limitation on the number of personnel allowed to attend any training class. Onsite training is proposed for all ECM's.

*A videotape of the training* may also be provided for future training use. In addition, McClure Company can also provide an on-going annual training program which can be used to provide training to new employees or aid the maintenance staff to resolve on-going issues. McClure Company will provide sixty (60) annual hours of consultative services. The intention of these annual hours is to demonstrate expected system operation, system calibration, troubleshooting problems for the purpose of training in house personnel. These hours could also be used to provide training to new employees on systems that training had previously occurred at project close-out. The amount and use of these annual training hours will be determined during the Investment Grade Audit (IGA) phase.

**g**

**Degree to which the Offeror explained the methodology for the proposed ECMs.**

McClure's methodology towards developing our proposed Energy Conservation Measures (ECMs) is based upon the needs and priorities of our clients, such as those specified by the RFQ's Core ECMs and other critical needs our team identified through site inspection of DCNR Eastern Region facilities. In parallel to tailoring this GESA program to DCNR's needs and expectations, we separately evaluate all ECM opportunities for energy and cost savings potential while identifying efficiency strategies that compliment and/or optimize DCNR Eastern Region operations for the long-term, and further reduce carbon and greenhouse gas emissions. We utilize industry proven best practices while applying "lessons learned" experience, earned from our implementation of over 200 PA GESA programs, to help guide our equipment / technology selections, streamline schedules, and ensure quality installations. McClure will maintain open communication and prepare various ECM scope and program options for DCNR Eastern Region's consideration throughout the IGA process, thus ensuring the program is customized to DCNR's unique needs and requirements.

**h**

**Proposal includes additional innovative ECMs not already included in the project.**

As part of both options, McClure has included ECM's developed outside the Core measures. These vary by program based on their energy savings or potential long-term benefit as part of a project leveraging energy savings.

For Option 1, McClure has included the following ECM's as innovative solutions not already part of the core measures.

- ECM-54 Ridley Creek State Park Mansion Plantation Wing HVAC Upgrades
- ECM-57 Jacobsburg Environmental Education Center Recommissioning HVAC System
- ECM-63 Tyler State Park Solar
- ECM-66 RFQ Sites General Recommissioning

For Option 2, McClure has leveraged available energy savings and energy related cost savings to include the following.

- ECM-53 Ridley Creek State Park Mansion Chilled Water Pumps
- ECM-54 Ridley Creek State Park Mansion Plantation Wing HVAC Upgrades
- ECM-55 Ridley Creek State Park Mansion Window Upgrades
- ECM-56 Nolde Forest Environmental Education Center Generator Upgrades
- ECM-57 Jacobsburg Environmental Education Center Recommissioning HVAC System
- ECM-58 Jacobsburg Environmental Education Center Residence HVAC Upgrades
- ECM-59 Jacobsburg Environmental Education Center Maintenance Building Boiler Upgrades
- ECM-60 French Creek State Park Modern Cabins HVAC Upgrades (Cooling)
- ECM-61 French Creek State Park Sewage Treatment Lift Station Battery System
- ECM-63 Tyler State Park Solar
- ECM-65 Promised Land State Park Main Office HVAC Upgrades
- ECM-67 Electric Vehicle Charing Stations

*Additionally*, given the **Inflation Reduction Act of 2022**, McClure would like to further review during the IGA, the feasibility of expanding solar for all sites listed in the RFQ to provide net zero electrical use. As a preliminary assessment to the feasibility, the approximate financials are as follows.

**Cost \$3,200,000**

- 1.66MW total solar array power to offset post project 2,160,000 kWh usage
- Direct cost of \$3,200,000 installed across various locations

**Savings**

**\$1,457,000 (one time)**

**\$269,800 (annually)**

- \$205,000 of annual utility rate savings
- \$64,800 in annual SREC revenue
- \$500,000 ACT 129 rebates
- \$957,000 of pure cost reduction through ITC reassignment to DCNR.

**Simple Payback 6.46**

- $(\$3.2M - (\$500k + \$957k)) / (\$205k + \$64.8k) = 6.46$  years



# COSTS



Month	Value 1	Value 2	Value 3	Value 4
January	568,986	998,677	1,119,899	1,119,899
February	659,803	870,546	1,048,898	1,048,898
March	528,049	123,858	489,899	789,893
April	468,056	489,899	528,049	528,049
May	468,056	489,899	528,049	528,049



**i** Quote provides annual financial projections for the length of the GESA contract, and each projection appears in the proper format listed in the RFQ.

Utilizing the RFQ provided Cash Flow Templates, please find McClure Company’s annual financial projections for Option 2 modeled to 18-year contract terms presented on the following pages.

Our cash-flow and annual financial projections are prepared in accordance to the format and requirements defined by the RFQ. All energy savings presented on these tables are guaranteed directly by McClure Company. Estimated cost and cost savings information for all “Core ECMs” are provided under this Section.

Detailed energy and cost calculations for each ECM can be found in **Appendix 1**. For purposes of developing this proposal and the many assumed variables at this phase of the project, we have de-rated the calculated savings for an added level of conservatism. When the Investment Grade Audit (IGA) is conducted, many variables will be measured and verified, and the savings will be adjusted accordingly.

**Table 2.6 C1.6: Annual Financial Cash Flow – Option 2 – Core & Additional ECMs**

Annual Financial Cash Flow Option 2 – Core & Additional ECMs DCNR Eastern Region GESA Project 3% Rate / 18 Year Term				
Total Project Cost:	\$	7,595,878	Interest Rate:	3%
Rebates /Incentives:	\$	356,539	Annual Utility Escalation Rate:	1%
Net Project Cost to be Financed:	\$	7,239,339	Construction Period (Months):	18
First Year Energy Savings:	\$	266,305	Payment Frequency:	Annual

Year	A Annual Energy Costs without Improvements	B Annual Energy Costs with Improvements	C Annual Energy Cost Savings (A-B)	D O&M	E Total Savings (C + D)	F Payments for Financing Equipment	G Energy Related Cost Savings	H Payments for Monitoring & Maintenance Services	I Net Annual Benefit	J Cumulative Cash Flow
Const.	\$471,908	\$340,074	\$131,834		\$131,834				\$131,834	\$131,834
1	\$476,627	\$210,322	\$266,305	\$93,531	\$359,836	\$523,439	\$166,751	\$3,000	\$148	\$131,982
2	\$481,393	\$212,426	\$268,968	\$94,466	\$363,434	\$523,439	\$163,251	\$3,090	\$157	\$132,139
3	\$486,207	\$214,550	\$271,657	\$95,411	\$367,068	\$523,439	\$159,751	\$3,183	\$198	\$132,337
4	\$491,069	\$216,695	\$274,374	\$96,365	\$370,739	\$523,439	\$153,251	\$0	\$552	\$132,889
5	\$495,980	\$218,862	\$277,118	\$97,329	\$374,446	\$523,439	\$149,251	\$0	\$259	\$133,148
6	\$500,940	\$221,051	\$279,889	\$98,302	\$378,191	\$523,439	\$145,501	\$0	\$254	\$133,401
7	\$505,949	\$223,261	\$282,688	\$99,285	\$381,973	\$523,439	\$141,751	\$0	\$285	\$133,687
8	\$511,009	\$225,494	\$285,515	\$100,278	\$385,793	\$523,439	\$137,751	\$0	\$105	\$133,792
9	\$516,119	\$227,749	\$288,370	\$101,281	\$389,651	\$523,439	\$134,751	\$0	\$963	\$134,755
10	\$521,280	\$230,026	\$291,254	\$102,293	\$393,547	\$523,439	\$131,251	\$0	\$1,360	\$136,115
11	\$526,493	\$232,327	\$294,166	\$83,335	\$377,501	\$523,439	\$146,751	\$0	\$814	\$136,928
12	\$531,758	\$234,650	\$297,108	\$84,168	\$381,276	\$523,439	\$142,501	\$0	\$339	\$137,267
13	\$537,075	\$236,996	\$300,079	\$85,010	\$385,089	\$523,439	\$139,251	\$0	\$901	\$138,168
14	\$542,446	\$239,366	\$303,080	\$85,860	\$388,940	\$523,439	\$135,251	\$0	\$752	\$138,920
15	\$547,870	\$241,760	\$306,110	\$86,719	\$392,829	\$523,439	\$132,251	\$0	\$1,642	\$140,562
16	\$553,349	\$244,178	\$309,172	\$87,586	\$396,757	\$523,439	\$127,751	\$0	\$1,070	\$141,632
17	\$558,883	\$246,619	\$312,263	\$88,462	\$400,725	\$523,439	\$124,251	\$0	\$1,537	\$143,169
18	\$564,471	\$249,086	\$315,386	\$89,346	\$404,732	\$523,439	\$120,251	\$0	\$1,545	\$144,714
Totals:	\$9,820,827	\$4,465,493	\$5,355,334	\$1,669,027	\$7,024,361	\$9,421,900	\$2,551,526	\$9,273	\$144,714	

NPV of Cashflow (Column I): \$136,691

Notes:

Under column H, the first 3 years include M&V services as requested by DGS at the following costs based on the proposed scope:

\* Year 1 \$3,000                      \* Year 2 \$3,090                      \* Year 3 \$3,183

Table 2.6 C1.7: Costs & Savings Summary – Option 2 – Core & Additional ECMs

Costs & Savings Summary Option 2 – Core & Additional ECMs DCNR Eastern Region GESA Project 3% Rate / 18 Year Term	
ECM Chart	

<b>Project Column Description</b>
A: Construction cost to supply, install and start-up ECM
B: Preliminary Calculated Utility Rebate
C: Preliminary Calculated Energy Savings
D: Operation and Maintenance (O&M) Savings (provided in RFQ)
E: C + D
F: (A - B) / E
G: Calculated Utility Savings (energy constant by ESCO)
H: Additional Funds Needed Annually for 18 Year Simple Payback

**Proposed Project With Energy Related Cost Savings (18 Year Payback)**

ECM #	ECM Description							G Annual Utility Savings					H	
		A	B	C	D	E	F	Natural Gas (CCF)	Electric (kWh)	Water / Sewer (Kgal)	Propane (Gal)	Oil (Gal)		Annual SPB Shortfall
1	Lighting Upgrades	\$1,361,537	\$61,022	\$91,142	\$18,089	\$109,231	11.91	0	811,130	0	0	0	0	
2	Building Weatherization	\$368,622	\$0	\$34,204	\$0	\$34,204	10.78	1,096	174,216	0	1,842	2,629		
3	Heating Fuel Conversion	\$927,466	\$0	\$14,125	\$7,200	\$21,325	43.49	0	1,782	0	-16,338	11,697	\$30,201	
4	Pipe Insulation	\$31,555	\$0	\$4,596	\$0	\$4,596	6.87	0	0	0	967	880		
5	HVAC Control Upgrades	\$53,458	\$114	\$4,555	\$0	\$4,555	11.71	95	21,460	0	102	563		
6	Water Conservation	\$225,272	\$0	\$16,409	\$0	\$16,409	13.73	0	0	1,286	0	0		
7	Window AC Unit Replacements	\$513,594	\$1,333	\$7,569	\$2,600	\$10,169	50.38	0	66,338	0	0	0	\$18,364	
8	Mansion Chiller Replacement	\$210,178	\$0	\$2,521	\$500	\$3,021	69.57	0	22,269	0	0	0	\$8,655	
9	Mansion Controls & Recommissioning	\$21,299	\$0	\$1,748	\$0	\$1,748	12.18	0	8,107	0	0	163		
10	PA Resources Council Controls & Recommissioning	\$11,445	\$0	\$338	\$0	\$338	33.86	0	0	0	0	67	\$298	
11	Mansion HVAC Upgrades	\$276,356	\$348	\$1,757	\$500	\$2,257	122.28	663	11,025	0	0	0	\$13,096	
12	Residence HVAC Upgrades	\$182,041	\$212	\$1,158	\$500	\$1,658	109.67	0	6,721	0	-1,060	768	\$8,455	
13	Main Office HVAC Upgrades	\$167,899	\$0	\$2,369	\$500	\$2,869	58.52	0	19,386	0	0	0	\$6,459	
14	Main Office Domestic Hot Water Upgrades	\$13,263	\$0	\$91	\$100	\$191	69.45	0	2,708	0	-120	0	\$546	
15	Main Office Solar	\$126,559	\$4,130	\$10,094	\$2,478	\$12,572	9.74	0	0	0	0	0		
16	Geothermal Recommissioning	\$9,969	\$722	\$1,745	\$0	\$1,745	5.30	0	22,863	0	0	0		
17	Energy Recovery Unit Controls & Recommissioning	\$14,167	\$155	\$375	\$0	\$375	37.41	0	4,907	0	0	0	\$413	
18	Solar	\$307,656	\$153,828	\$9,838	\$3,867	\$13,705	11.22	0	0	0	0	0		
20	Residence HVAC Upgrades	\$130,526	\$0	\$1,328	\$250	\$1,578	82.70	0	-5,492	0	0	729	\$5,673	
21	Maintenance Building Clerestory Windows	\$4,384	\$0	\$885	\$0	\$885	4.95	0	6,237	0	0	0		
23	Manager's Residence HVAC Upgrades	\$124,333	\$0	\$1,606	\$250	\$1,856	66.98	0	5,491	0	-831	560	\$5,051	
24	Park Office HVAC Upgrades	\$25,080	\$48	\$98	\$500	\$598	41.88	0	1,523	0	0	48	\$796	
25	Main Office HVAC Upgrades	\$30,297	\$327	\$876	\$500	\$1,376	21.78	0	10,340	0	-322	0	\$307	
27	Office Domestic Hot Water System Upgrades	\$11,088	\$0	\$162	\$100	\$262	42.29	0	2,708	0	-120	0	\$354	
29	Maintenance Building HVAC Upgrades (Carpenter Shop)	\$32,600	\$0	\$102	\$500	\$602	54.19	0	0	0	-2,193	1,549	\$1,210	
30	Residence HVAC Upgrades	\$58,271	\$0	\$352	\$250	\$602	96.76	0	2,214	0	-707	500	\$2,635	
31	Park Office HVAC Upgrades	\$41,633	\$287	\$992	\$500	\$1,492	27.71	0	9,086	0	0	0	\$821	
32	Park Office Generator	\$98,382	\$0	\$0	\$500	\$500	196.76	0	0	0	0	0	\$4,966	
33	Maintenance Building HVAC Upgrades	\$20,486	\$0	\$58	\$500	\$558	23.93	0	0	0	33	0	\$580	
34	Maintenance Building Controls Upgrades (cost included with ECM 33 above)		\$42	\$296	\$0	\$296		0	1,332	0	75	0		
35	Treatment Plant Solar	\$254,797	\$127,399	\$19,456	\$4,725	\$24,181	5.27	0	0	0	0	0		
36	Treatment Plant Controls Upgrades	\$4,793	\$107	\$417	\$0	\$417	11.24	0	3,374	0	0	0		
37	Day Use Area Controls Upgrades	\$7,701	\$145	\$566	\$0	\$566	13.35	0	4,584	0	0	0		
39	Pickel Point Bathroom Heating	\$35,213	\$0	-\$1,251	\$500	-\$751		0	0	0	-714	0	\$2,708	
40	Pickel Point Cottages Heating	\$24,489	\$0	-\$312	\$250	-\$62		0	0	0	-178	0	\$1,372	
41	Park Water System Upgrades	\$275,471	\$0	\$0	\$19,500	\$19,500	14.13	0	0	0	0	0		
42	Geothermal Recommissioning	\$18,342	\$1,089	\$4,066	\$0	\$4,066	4.24	0	34,498	0	0	0		
43	Lobby Destratification Fans	\$7,274	\$0	\$290	\$0	\$290	25.05	0	2,464	0	0	0	\$114	
46	Bear Gap Insulation	\$13,638	\$0	\$231	\$0	\$231	59.07	0	0	0	0	68	\$527	
47	Recommissioning	\$6,428	\$0	\$429	\$0	\$429	14.99	0	3,493	0	0	0		
48	Surge Suppression System	\$32,794	\$0	\$0	\$500	\$500	65.59	0	0	0	0	0	\$1,322	
49	Solar	\$238,426	\$3,339	\$13,662	\$3,339	\$17,001	13.83	0	0	0	0	0		
51	Maintenance Office HVAC Upgrades	\$24,533	\$170	\$640	\$250	\$890	27.39	0	5,210	0	0	0	\$473	
52	Oil Storage Building Relocation	\$18,265	\$0	\$0	\$0	\$0		0	0	0	0	0	\$1,015	
53	Ridley Creek State Park Mansion Chilled Water Pumps	\$26,235	\$0	\$363	\$0	\$363	72.32	0	3,204	0	0	0	\$1,095	
54	Ridley Creek State Park Mansion Plantation Wing HVAC Upgrades	\$27,272	\$0	\$653	\$500	\$1,153	23.64	0	5,772	0	0	0	\$362	
55	Ridley Creek State Park Mansion Window Upgrades	\$134,546	\$0	\$2,160	\$0	\$2,160	62.29	0	2,594	0	0	367	\$5,315	
56	Nolde Forest Environmental Education Center Generator Upgrades	\$73,059	\$0	\$0	\$500	\$500	146.12	0	0	0	0	0	\$3,559	
57	Jacobsburg Environmental Education Center Recommissioning HVAC System	\$12,068	\$0	\$749	\$2,000	\$2,749	4.39	0	7,765	0	0	0		
58	Jacobsburg Environmental Education Center Residence HVAC Upgrades	\$116,170	\$0	\$1,238	\$250	\$1,488	78.06	0	5,537	0	-417	303	\$4,966	
59	Jacobsburg Environmental Education Center Maintenance Building Boiler Upgrades	\$28,818	\$0	\$564	\$500	\$1,064	27.08	0	0	0	282	0	\$537	
60	French Creek State Park Modern Cabins HVAC Upgrades (Cooling)	\$177,431	\$1,382	\$5,347	\$0	\$5,347	32.92	0	43,785	0	0	0	\$4,510	
61	French Creek State Park Sewage Treatment Lift Station Battery System	\$275,471	\$0	\$0	\$19,500	\$19,500	14.13	0	0	0	0	0		
63	Tyler State Park Solar	\$47,597	\$0	\$1,675	\$783	\$2,458	19.36	0	0	0	0	0		
65	Promised Land State Park Main Office HVAC Upgrades	\$25,102	\$341	\$1,335	\$250	\$1,585	15.62	0	10,811	0	0	0		
67	Electric Vehicle Charging Stations	\$90,000	\$0	\$0	\$0	\$0		0	0	0	0	0	\$5,000	
	Bond Cost	\$52,623												
	Project Contingency	\$147,907												
	<b>Totals:</b>	<b>\$7,595,878</b>	<b>\$356,539</b>	<b>\$263,608</b>	<b>\$93,531</b>	<b>\$357,199</b>	<b>20.27</b>	<b>1,854</b>	<b>1,339,442</b>	<b>1,286</b>	<b>-19,699</b>	<b>20,891</b>	<b>\$141,751</b>	

Utility Rebates (Total)	\$356,539
Energy Related Cost Savings (Total)	\$2,551,526
Total Financed Amount	\$7,239,339

### Option 2 O&M Savings

Use of O&M savings for Option 2 include savings related to equipment replacement and upgrades, along with lighting warranty. Also included in the O&M column is project revenue streams, from SRECs associated with included solar. Values for O&M have been conservatively estimated based on historical data for similar equipment replacement.

### Option 2 ERCS

Many of the additional innovative ECM's included in Option 2 require additional energy related cost savings in order for the overall project to meet payback criteria. No scope exceeds a \$300,000 per ECM per site limit.

Many of the HVAC infrastructure and fuel switch items require ERCS given the high capital cost, minimal cost savings in fuel switch given current market conditions, and limited use.

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Proposed energy analysis demonstrates sound engineering principles and the reasonableness of the proposed savings.

McClure Company has provided detailed energy analysis and calculations under industry accepted “best practices” and standards, demonstrating sound engineering principles that yield reasonable savings expectations for a project of this scope and magnitude. Our detailed energy analysis can be found in **Appendix 1 – Energy Calculations**, located at the end of this Volume.

*Sound engineering principles and industry “best practices”* were utilized to analyze all provided data and perform associated energy saving calculations relating to the DCNR Eastern Region GESA project. As an internal quality control and check on the reasonableness of our proposed savings, McClure compared cost reductions of this proposal to other past GESA projects having a similar scope. In summary, our proposed cost savings (Option 2) for DCNR Eastern Region facilities reduces the baseline annual utility expenses by \$263,238, or 55.8%, with a majority of the cost savings being a result of improving the lighting systems. While this percentage of savings is considered above average for the proposed scope of work, the primary driver is the currently installed equipment. The resulting energy usage and cost indexes fall within expected ranges post project based on calculated baselines for each location.



# MONITORING AND MAINTENANCE





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Quote thoroughly describes the methods, schedule, scope and personnel who will be performing ongoing monitoring and maintenance services.

Provided below is a thorough summary of the ongoing project monitoring and maintenance services that McClure will provide, including a description of the methods, schedule, scope and personnel who will be providing these services to DCNR. There is *no* service contract included with this proposal at this time.

### Methods

for providing ongoing project monitoring and maintenance services through McClure Company are extensive. McClure will monitor the energy use of each facility throughout the construction year. This benchmarking provides an early indicator of whether the Year 1 savings will be fully realized, or if adjustments to ECM scope are needed for ongoing maintenance services, McClure has an in-house 24-hour mechanical emergency service department ready to respond to DCNR Eastern Region needs over the entire contract term. Our local service team consists of over ninety (90) full time field service and maintenance technicians.

### Scope

for ongoing project monitoring is included for all proposed Energy Conservation Measures (ECMs) and associated equipment, including lighting, lighting controls, water conservation, building management system and components, and all building envelope installations. Utilizing industry approved “best practices” and standards, McClure will measure and verify the associated savings for each ECM. The goal is to successfully measure and cost-effectively verify the energy savings calculated, in accordance with the selected International Performance Measurement and Verification Protocol (IPMVP) Option, one year after the systems being installed.

### Personnel

for the ongoing project monitoring are critical in quantifying and calculating the total energy savings associated with the project. Richard Skinner, P.E., McClure’s Measurement and Verification (M&V) specialist will be responsible for all ongoing project monitoring. Shayne Homan, Vice President - Energy Services, will oversee Richard’s work and manages the entire process.

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Proposed Measurement and Verification (M&V) plan adheres to all M&V protocol standards and describes the choice of M&V method and why it is the most appropriate method to show true savings.

McClure Company’s preliminary Measurement and Verification (M&V) plan for the DGS GESA project, which adheres to all IPMVP standards, is further described below. Our plan demonstrates scalability for measurement and verification of the proposed energy baseline, adjustment factors and energy cost savings. To ensure DCNR receives the greatest value from its M&V plan, McClure considered the reasonableness and cost/benefits of all IPMVP options for each respective ECM and based our plan recommendations upon the overall suitability to the applicable ECM and cost effectiveness to DCNR and the Commonwealth over the contract term.

***McClure’s M&V Plan Adheres to all IPMVP Standards.*** Information presented below includes procedures and guidelines utilized to quantify savings resulting from the installation of ECMs under PA GESA projects, and are designed to comply with the International Performance Measurement & Verification Protocol (IPMVP) being utilized for the DCNR Eastern Region GESA program:

- **Option A – Partially Measured Retrofit Isolation**
- **Option B – Retrofit Isolation**
- **Option C – Utility Bill Comparison** (*where applicable*)
- **Option D – Energy Simulation**

DCNR Central GESA Preliminary M&V Summary			
ECM ID/#	Per Appendix "T" Core ECM	Energy Conservation Measure (ECM) / Scope	M&V Option
1	Yes	Lighting Upgrades	A
2	Yes	Building Weatherization	A
3	Yes	Heating Fuel Conversion	A/C
4	Yes	Pipe Insulation	D
5	Yes	HVAC Control Upgrades	D
6	Yes	Water Conservation	A
7	Yes	Window AC Unit Replacements	A
<b>Ridley Creek State Park</b>			
8	Yes	Mansion Chiller Replacement	A
9	Yes	Mansion Controls & Recommissioning	D
10	Yes	PA Resources Council Controls & Recommissioning	D
<b>Nolde Forest Environmental Education Center</b>			
11	Yes	Mansion HVAC Upgrades	A
<b>French Creek State Park</b>			
12	Yes	Residence HVAC Upgrades	A
13	Yes	Main Office HVAC Upgrades	A
14	Yes	Main Office Domestic Hot Water Upgrades	A
15	Yes	Main Office Solar	C
<b>Lackawanna State Park</b>			
16	Yes	Geothermal Recommissioning	B
17	Yes	Energy Recovery Unit Controls & Recommissioning	D
18	Yes	Solar	C
19	Yes	Maintenance Garage Heating Radiant	N/A
20	Yes	Residence HVAC Upgrades	A
<b>Neshaminy State Park</b>			
21	Yes	Maintenance Building Clerestory Windows	D
22	Yes	Maintenance Building Pool Modifications	N/A
23	Yes	Manager's Residence HVAC Upgrades	A
<b>Tyler State Park</b>			
24	Yes	Park Office HVAC Upgrades	A
<b>Tobyhanna State Park</b>			
25	Yes	Main Office HVAC Upgrades	A
26	Yes	Booster Pump Upgrades	N/A
27	Yes	Office Domestic Hot Water System Upgrades	A
28	Yes	Beach House Domestic Hot Water System Upgrades	A

DCNR Central GESA Preliminary M&V Summary			
ECM ID/#	Per Appendix "T" Core ECM	Energy Conservation Measure (ECM) / Scope	M&V Option
29	Yes	Maintenance Building HVAC Upgrades (Carpenter Shop)	A
30	Yes	Residence HVAC Upgrades	A
<b>Beltzville State Park</b>			
31	Yes	Park Office HVAC Upgrades	A
<b>Promised Land State Park</b>			
32	Yes	Park Office Generator	N/A
33	Yes	Maintenance Building HVAC Upgrades	A
34	Yes	Maintenance Building Controls Upgrades	D
35	Yes	Treatment Plant Solar	C
36	Yes	Treatment Plant Controls Upgrades	D
37	Yes	Day Use Area Controls Upgrades	D
38	Yes	Day Use Area Domestic Hot Water System Upgrades	A
39	Yes	Pickereel Point Bathroom Heating	C
40	Yes	Pickereel Point Cottages Heating	C
41	Yes	Park Water System Upgrades	N/A
<b>Nescopeck State Park</b>			
42	Yes	Geothermal Recommissioning	B
43	Yes	Lobby Destratification Fans	D
44	Yes	Sewage Bill Deduct	N/A
<b>Weiser State Forest</b>			
45	Yes	Recommissioning	B
46	Yes	Bear Gap Insulation	D
<b>Loyalsock State Forest</b>			
47	Yes	Recommissioning	B
48	Yes	Surge Suppression System	N/A
49	Yes	Solar	C
50	Yes	Office Sand Mound Pump & Controls	N/A
51	Yes	Maintenance Office HVAC Upgrades	A
52	Yes	Oil Storage Building Relocation	N/A
<b>McClure Alternate Scopes</b>			
53	No	Ridley Creek State Park Mansion Chilled Water Pumps	A
54	No	Ridley Creek State Park Mansion Plantation Wing HVAC Upgrades	A
55	No	Ridley Creek State Park Mansion Window Upgrades	D
56	No	Nolde Forest Environmental Education Center Generator Upgrades	N/A

DCNR Central GESA Preliminary M&V Summary			
ECM ID/#	Per Appendix "T" Core ECM	Energy Conservation Measure (ECM) / Scope	M&V Option
57	No	Jacobsburg Environmental Education Center Recommissioning HVAC System	D
58	No	Jacobsburg Environmental Education Center Residence HVAC Upgrades	A
59	No	Jacobsburg Environmental Education Center Maintenance Building Boiler Upgrades	A
60	No	French Creek State Park Modern Cabins HVAC Upgrades (Cooling)	A
61	No	French Creek State Park Sewage Treatment Lift Station Battery System	N/A
62	No	Tyler State Park Sewage Lift Station	N/A
63	No	Tyler State Park Solar	C
64	No	Tobyhanna State Park Grinder Pump	N/A
65	No	Promised Land State Park Main Office HVAC Upgrades	A
66	No	RFQ Sites General Recommissioning	A/C/D
67	No	Electric Vehicle Charing Stations	N/A

During the post-installation M&V verification process, McClure Company, DCNR and DGS will mutually agree that the proper equipment components or systems were installed as contracted, are operating correctly and as specified, and have the potential to generate the projected savings. Verification methods may include surveys, inspections and/or continuous metering of equipment and systems. A critical step in the process will commence during system/equipment commissioning of each installed ECM, which McClure will coordinate with DCNR Eastern Region & DGS staff and representatives installing subcontract partners. McClure Company, DCNR and DGS will determine energy savings in accordance with an agreed-upon M&V method using verification techniques defined within this M&V plan.

***The Scalability for the Measurement and Verification Plan of the Proposed Energy Baseline, Adjustment Factors and Energy Cost Savings*** will be quantified and mutually agreed to between DCNR, DGS and McClure Company. McClure’s M&V plan is scalable, from one ECM’s measurement and verification criteria to the entire program and portfolio of ECMs. Scaling allows McClure’s team to separately measure each ECM and calculate the aggregate of savings attributed to the program. Below is a summary of the scalability components of the plan:

- ***Proposed Energy Baseline:*** During the performance period, it may be necessary to adjust the baseline for changes in the facilities use. Some common adjustments are made for items such as:
  - Changes in building occupancy
  - Additions to the building footprint
  - Weather
  - Operational (schedule and /or temperature set point, equipment operation, etc.) changes
  - Equipment maintenance changes



APPENDIX



## Appendix 1 Energy Calculations

The following pages provide sample calculations used in determining the energy savings for the provided scopes of work. These are representative samples, calculated using site observed, equipment data, and other general assumptions. Additional information can be provided for any savings or calculation, along with the basic methodology that was used as appropriate for this level of response.

ECM 1

ID #	Location					Existing Fixture				Proposed Fixture					PeakDemand			Usage			Controls		
	Site	Floor	Building	Room	Usage Group	Fixture	Quantity	Input Wattage	Hours of Operation	ECM	Quantity	Input Wattage	Hours of Operation	Occ Sensor Type	Occ Sensor Qty	Pre	Post	Savings	Pre	Post	Savings	Savings %	Savings
1	Loyalsock State Forest	1st Floor	RMC	Vestibule	Hallways and Common Areas	Decorative 3L FT24	2	75	3977	RT, LED 10W 4P 2G11 3L	2	30	3977	-	0	0.2	0.1	0.1	597	239	358	25%	0
2	Loyalsock State Forest	1st Floor	RMC	Vestibule	Exit Signs/Night Lights	Exit Sign Combo LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
3	Loyalsock State Forest	1st Floor	RMC	Lobby	Hallways and Common Areas	Asymmetric Uplight Quartz 150W	4	150	3977	No Action	4	150	3977	-	0	0.6	0.6	0.0	2,386	2,386	0	25%	0
4	Loyalsock State Forest	1st Floor	RMC	Lobby	Hallways and Common Areas	Asymmetric Uplight Quartz 150W	3	150	3977	No Action	3	150	3977	-	0	0.5	0.5	0.0	1,790	1,790	0	25%	0
5	Loyalsock State Forest	1st Floor	RMC	Lobby	Exit Signs/Night Lights	Exit Sign Combo LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
6	Loyalsock State Forest	1st Floor	RMC	Lobby	Exit Signs/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
7	Loyalsock State Forest	1st Floor	RMC	Reception Open Office	Open Office	Decorative 3L FT24	1	75	3500	RT, LED 10W 4P 2G11 3L	1	30	3500	-	0	0.1	0.0	0.0	263	105	158	25%	0
8	Loyalsock State Forest	1st Floor	RMC	Open Office	Open Office	8' Direct/Indirect 4L 28W T5	17	128	3500	RT, 4' 13W DE LED T5 4L	17	52	3500	-	0	2.2	0.9	1.3	7,616	3,094	4,522	25%	0
9	Loyalsock State Forest	1st Floor	RMC	Open Office	Open Office	4' Direct/Indirect 2L 28W T5	17	63	3500	RT, 4' 13W DE LED T5 2L	17	26	3500	-	0	1.1	0.4	0.6	3,749	1,547	2,202	25%	0
10	Loyalsock State Forest	1st Floor	RMC	Open Office	Exit Signs/Night Lights	Exit Sign Combo LED	2	3	8760	No Action - Existing Efficient/LED Fixture	2	3	8760	-	0	0.0	0.0	0.0	53	53	0	0%	0
11	Loyalsock State Forest	1st Floor	RMC	Open Office	Open Office	4' Undercabinet 1L 28W T5	1	32	3500	RT, 4' 13W DE LED T5 1L	1	13	3500	-	0	0.0	0.0	0.0	112	46	67	25%	0
12	Loyalsock State Forest	1st Floor	RMC	Administration Assistant Office	Private Office	2X4 Volumetric Rec 2L 28W T8	2	48	1875	RT, 4' 10.5W DE LED 2L	2	21	1875	-	0	0.1	0.0	0.1	180	79	101	25%	0
13	Loyalsock State Forest	1st Floor	RMC	District Forester Office	Private Office	2X2 Volumetric Rec 2L T8	4	33	1875	RT, 2' 7W DE LED 2L	4	14	1875	-	0	0.1	0.1	0.1	248	105	143	25%	0
14	Loyalsock State Forest	1st Floor	RMC	Conference Room	Conference Room	2X4 Volumetric Rec 2L T5	2	63	2500	RT, 4' 13W DE LED T5 2L	2	26	2500	-	0	0.1	0.1	0.1	315	130	185	0%	0
15	Loyalsock State Forest	1st Floor	RMC	Assistant District Forester Office 1	Private Office	2X4 Volumetric Rec 2L T5	2	63	1875	RT, 4' 13W DE LED T5 2L	2	26	1875	-	0	0.1	0.1	0.1	236	98	139	25%	0
16	Loyalsock State Forest	1st Floor	RMC	Assistant District Forester Office 2	Private Office	2X4 Volumetric Rec 2L T5	2	63	1875	RT, 4' 13W DE LED T5 2L	2	26	1875	-	0	0.1	0.1	0.1	236	98	139	25%	0
17	Loyalsock State Forest	1st Floor	RMC	Copy Room	Open Office	2X4 Volumetric Rec 2L T5	2	63	2625	RT, 4' 13W DE LED T5 2L	2	26	2625	-	0	0.1	0.1	0.1	331	137	194	25%	0
18	Loyalsock State Forest	1st Floor	RMC	Hallway by Restrooms	Hallways and Common Areas	6" Rec Can CFL 32W 4P	4	34	3977	RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm	4	13	3977	-	0	0.1	0.1	0.1	541	207	334	25%	0
19	Loyalsock State Forest	1st Floor	RMC	Hallway by Restrooms	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
20	Loyalsock State Forest	1st Floor	RMC	Restroom Vestibule	Hallways and Common Areas	6" Rec Can CFL 32W 4P	2	34	3977	RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm	2	13	3977	-	0	0.1	0.0	0.0	270	103	167	25%	0
21	Loyalsock State Forest	1st Floor	RMC	Womens Restroom	Restroom	2X4 Volumetric Rec 2L T5	2	63	2625	RT, 4' 13W DE LED T5 2L	2	26	2625	-	0	0.1	0.1	0.1	331	137	194	25%	0
22	Loyalsock State Forest	1st Floor	RMC	Womens Restroom	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
23	Loyalsock State Forest	1st Floor	RMC	Mens Restroom	Restroom	2X4 Volumetric Rec 2L T5	2	63	2625	RT, 4' 13W DE LED T5 2L	2	26	2625	-	0	0.1	0.1	0.1	331	137	194	25%	0
24	Loyalsock State Forest	1st Floor	RMC	Mens Restroom	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
25	Loyalsock State Forest	1st Floor	RMC	Closet 1	Storage Room	4' Strip 1L T5	1	32	395	RT, 4' 13W DE LED T5 1L	1	13	395	-	0	0.0	0.0	0.0	13	5	8	25%	0
26	Loyalsock State Forest	1st Floor	RMC	Janitors Closet	Storage Room	6" Rec Can CFL 32W 4P	1	34	395	RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm	1	13	395	-	0	0.0	0.0	0.0	13	5	8	25%	0
27	Loyalsock State Forest	1st Floor	RMC	Closet 2	Storage Room	4' Strip 1L T5	1	32	395	RT, 4' 13W DE LED T5 1L	1	13	395	-	0	0.0	0.0	0.0	13	5	8	25%	0
28	Loyalsock State Forest	1st Floor	RMC	Large Meeting Room	Conference Room	Decorative 6L FT24	8	147	2500	RT, LED 10W 4P 2G11 6L	8	60	2500	-	0	1.2	0.5	0.7	2,940	1,200	1,740	0%	0
29	Loyalsock State Forest	1st Floor	RMC	Large Meeting Room	Exit Signs/Night Lights	Exit Sign Combo LED	2	3	8760	No Action - Existing Efficient/LED Fixture	2	3	8760	-	0	0.0	0.0	0.0	53	53	0	0%	0
30	Loyalsock State Forest	1st Floor	RMC	Chair Storage	Storage Room	4' Strip 1L T5	2	32	395	RT, 4' 13W DE LED T5 1L	2	13	395	-	0	0.1	0.0	0.0	25	10	15	25%	0
31	Loyalsock State Forest	1st Floor	RMC	Storage Closet	Storage Room	6" Rec Can CFL 32W 4P	1	34	395	RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm	1	13	395	-	0	0.0	0.0	0.0	13	5	8	25%	0
32	Loyalsock State Forest	1st Floor	RMC	Kitchen	Kitchen	2X4 Volumetric Rec 2L T5	1	63	1253	RT, 4' 13W DE LED T5 2L	1	26	1253	-	0	0.1	0.0	0.0	79	33	46	25%	0
33	Loyalsock State Forest	1st Floor	RMC	Elevator Cab	Exit Signs/Night Lights	4' Strip BP 2L	2	72	8760	RT, 4' 10.5W DE LED 2L	2	21	8760	-	0	0.1	0.0	0.1	1,261	368	894	0%	0
34	Loyalsock State Forest	1st Floor	RMC	Stairwell	Hallways and Common Areas	2X4 Volumetric Rec 2L T5	1	63	3977	RT, 4' 13W DE LED T5 2L	1	26	3977	-	0	0.1	0.0	0.0	251	103	147	25%	0
35	Loyalsock State Forest	1st Floor	RMC	Stairwell	Hallways and Common Areas	2X4 Volumetric Rec 2L T5	1	63	3977	RT, 4' 13W DE LED T5 2L	1	26	3977	-	0	0.1	0.0	0.0	251	103	147	25%	0
36	Loyalsock State Forest	1st Floor	RMC	Stairwell	Hallways and Common Areas	6" Rec Can CFL 32W 4P	5	34	3977	RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm	5	13	3977	-	0	0.2	0.1	0.1	676	259	418	25%	0
37	Loyalsock State Forest	1st Floor	RMC	Stairwell	Exit Signs/Night Lights	Exit Sign Combo LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
38	Loyalsock State Forest	1st Floor	RMC	Stairwell	Exit Signs/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
39	Loyalsock State Forest	1st Floor	RMC	Stairwell	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
40	Loyalsock State Forest	Basement	RMC	Back Hallway	Hallways and Common Areas	6" Rec Can CFL 32W 4P	3	34	2983	RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm	3	13	2983	-	0	0.1	0.0	0.1	304	116	188	25%	0
41	Loyalsock State Forest	Basement	RMC	Electrical Closet	Mechanical/Electrical Room	4' Strip 1L T5	1	32	520	RT, 4' 13W DE LED T5 1L	1	13	520	-	0	0.0	0.0	0.0	17	7	10	0%	0
42	Loyalsock State Forest	Basement	RMC	IT Closet	Mechanical/Electrical Room	4' Strip 1L T5	1	32	520	RT, 4' 13W DE LED T5 1L	1	13	520	-	0	0.0	0.0	0.0	17	7	10	0%	0
43	Loyalsock State Forest	Basement	RMC	File Storage	Storage Room	4' Strip 1L T5	8	32	395	RT, 4' 13W DE LED T5 1L	8	13	395	-	0	0.3	0.1	0.2	101	41	60	25%	0
44	Loyalsock State Forest	Basement	RMC	Hallway by Restrooms	Hallways and Common Areas	6" Rec Can CFL 32W 4P	6	34	2983	RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm	6	13	2983	-	0	0.2	0.1	0.1	609	233	376	25%	0
45	Loyalsock State Forest	Basement	RMC	Hallway by Restrooms	Exit Signs/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
46	Loyalsock State Forest	Basement	RMC	Hallway by Restrooms	Exit Signs/Night Lights	Exit Sign Combo LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
47	Loyalsock State Forest	Basement	RMC	Mechanical Room	Mechanical/Electrical Room	4' Strip 1L T5	5	32	520	RT, 4' 13W DE LED T5 1L	5	13	520	-	0	0.2	0.1	0.1	83	34	49	0%	0
48	Loyalsock State Forest	Basement	RMC	Elevator Equipment	Mechanical/Electrical Room	4' Strip 1L T5	1	32	520	RT, 4' 13W DE LED T5 1L	1	13	520	-	0	0.0	0.0	0.0	17	7	10	0%	0
49	Loyalsock State Forest	Basement	RMC	Break Room	Break Room	2X2 Volumetric Rec 2L T8	6	33	923	RT, 2' 7W DE LED 2L	6	14	923	-	0	0.2	0.1	0.1	183	78	105	25%	0
50	Loyalsock State Forest	Basement	RMC	Mens Restroom	Restroom	2X4 Volumetric Rec 2L T5	1	63	2625	RT, 4' 13W DE LED T5 2L	1	26	2625	-	0	0.1	0.0	0.0	165	68	97	25%	0
51	Loyalsock State Forest	Basement	RMC	Mens Restroom Shower	Restroom	6" Rec Can Hal 50W PAR20	1	50	3500	LED 9W A19 Replacement	1	10	3500	-	0	0.1	0.0	0.0	175	33	142	25%	0
52	Loyalsock State Forest	Basement	RMC	Mens Restroom Toilet	Restroom	2X2 Volumetric Rec 2L T8	1	33	2625	RT, 2' 7W DE LED 2L	1	14	2625	-	0	0.0	0.0	0.0	87	37	50	25%	0
53	Loyalsock State Forest	Basement	RMC	Mens Restroom	Restroom	2X4 Volumetric Rec 2L T5	1	63	2625	RT, 4' 13W DE LED T5 2L	1	26	2625	-	0	0.1	0.0	0.0	165	68	97	25%	0
54	Loyalsock State Forest	Basement	RMC	Mens Restroom Shower	Restroom	6" Rec Can Hal 50W PAR20	1	50	3500	LED 9W A19 Replacement	1	10	3500	-	0	0.1	0.0	0.0	175	33	142	25%	0
55	Loyalsock State Forest	Basement	RMC	Mens Restroom Toilet	Restroom	2X2 Volumetric Rec 2L T8																	



98	Loyalsock State Forest	1st Floor	Ranger Station	Mens Restroom	Restroom	2' Wall Bracket 2L	1	51	3500	RT, 2' 7W DE LED 2L	1	14	3500	-	0	0.1	0.0	0.0	179	49	130	25%	0
99	Loyalsock State Forest	1st Floor	Ranger Station	Mens Restroom	Restroom	Fan Inc 75W A	1	75	3500	LED 9W A19 Replacement	1	10	3500	-	0	0.1	0.0	0.1	263	33	229	25%	0
100	Loyalsock State Forest	1st Floor	Ranger Station	Open Office	Open Office	8" Rec Can Hal 65W PAR30	3	65	3500	LED 9W A19 Replacement	3	10	3500	-	0	0.2	0.0	0.2	683	100	583	25%	0
101	Loyalsock State Forest	1st Floor	Ranger Station	Open Office	Open Office	Track Head Hal 65W PAR30	8	65	3500	LED 10W PAR30 Replacement	8	10	3500	-	0	0.5	0.1	0.4	1,820	280	1,540	25%	0
102	Loyalsock State Forest	1st Floor	Ranger Station	Conference Room	Conference Room	2' Cove 2L FT24	3	49	2500	RT, LED 10W 4P 2G11 2L	3	20	2500	-	0	0.1	0.1	0.1	368	150	218	0%	0
103	Loyalsock State Forest	1st Floor	Ranger Station	Conference Room	Conference Room	6" Rec Can Hal 65W PAR30	5	65	2500	LED 9W A19 Replacement	5	10	2500	-	0	0.3	0.0	0.3	813	119	694	0%	0
104	Loyalsock State Forest	1st Floor	Ranger Station	Emergency Only	Emergency Only	No Action - Emergency Use Only	2	0	0	No Action - Emergency Use Only	2	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
105	Loyalsock State Forest	1st Floor	Ranger Station	Conference Room	Exit Signs/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
106	Loyalsock State Forest	1st Floor	Ranger Station	Kitchen	Kitchen	2X4 Prism Rec 2L	2	72	1671	RT, 4' 10.5W DE LED 2L	2	21	1671	-	0	0.1	0.0	0.1	241	70	170	25%	0
107	Loyalsock State Forest	1st Floor	Ranger Station	Private Office 1	Private Office	2X4 Prism Rec 4L	3	144	2500	RT, 4' 10.5W DE LED 4L	3	42	2500	-	0	0.4	0.1	0.3	1,080	315	765	25%	0
108	Loyalsock State Forest	1st Floor	Ranger Station	Private Office 2	Private Office	2X4 Prism Rec 4L	3	144	2500	RT, 4' 10.5W DE LED 4L	3	42	2500	-	0	0.4	0.1	0.3	1,080	315	765	25%	0
109	Loyalsock State Forest	1st Floor	Ranger Station	Private Restroom	Restroom (Private)	2' Wall Bracket 2L	1	51	1000	RT, 2' 7W DE LED 2L	1	14	1000	-	0	0.1	0.0	0.0	51	14	37	25%	0
110	Loyalsock State Forest	1st Floor	Ranger Station	Private Restroom	Restroom (Private)	Fan Inc 75W A	1	75	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.1	0.0	0.1	75	10	66	25%	0
111	Loyalsock State Forest	Basement	Ranger Station	Crawlpace	Mechanical/Electrical Room	Jelly Jar LED 9W A	4	9	520	LED 9W A19 Replacement	4	10	520	-	0	0.0	0.0	0.0	19	20	-1	0%	0
112	Loyalsock State Forest	Exterior	Ranger Station Building Mounted	Front Canopy	Exterior - Dusk to Dawn	Canopy LED 25W 8B	1	25	4368	No Action - Existing Efficient/LED Fixture	1	25	4368	-	0	0.0	0.0	0.0	109	109	0	25%	0
113	Loyalsock State Forest	Exterior	Ranger Station Building Mounted	North East Wall	Exterior - Dusk to Dawn	Wall Pack CFL 32W Screw In	2	32	4368	Wall Pack LED SEC 2.5 klm PC	2	20	4368	-	0	0.0	0.0	0.0	280	175	105	25%	0
114	Loyalsock State Forest	Exterior	Ranger Station Building Mounted	South West Door	Exterior - Dusk to Dawn	Wall Pack HPS 70W	1	95	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	415	87	328	25%	0
115	Loyalsock State Forest	Exterior	Ranger Station Site Lighting	Flag	Exterior - Dusk to Dawn	Flood Hal 90 PAR38	1	90	4368	LED 13W PAR38 Replacement	1	13	4368	-	0	0.0	0.0	0.0	393	57	336	25%	0
116	Loyalsock State Forest	1st Floor	Maintenance Shop	Wood Shop	Maintenance & Garages	8' Industrial SP 2L	7	138	2350	RT, 4' 10.5W DE LED 4L, 8' REFL KIT	7	42	2350	-	0	1.0	0.3	0.7	2,270	691	1,579	25%	0
117	Loyalsock State Forest	1st Floor	Maintenance Shop	Wood Shop	Exit Signs/Night Lights	Exit Sign Paper	2	0	8760	No Action	2	0	8760	-	0	0.0	0.0	0.0	0	0	0	0%	0
118	Loyalsock State Forest	1st Floor	Maintenance Shop	Paint Room	Maintenance & Garages	8' Industrial SP 2L	2	138	2350	RT, 4' 10.5W DE LED 4L, 8' REFL KIT	2	42	2350	-	0	0.3	0.1	0.2	649	197	451	25%	0
119	Loyalsock State Forest	1st Floor	Maintenance Shop	Paint Room	Maintenance & Garages	4' Wrap BP 2L	1	72	2350	RT, 4' 10.5W DE LED 2L	1	21	2350	-	0	0.1	0.0	0.1	169	49	120	25%	0
120	Loyalsock State Forest	1st Floor	Maintenance Shop	Main Garage	Maintenance & Garages	8' Industrial SP 2L	10	138	2350	RT, 4' 10.5W DE LED 4L, 8' REFL KIT	10	42	2350	-	0	1.4	0.4	1.0	3,243	987	2,256	25%	0
121	Loyalsock State Forest	1st Floor	Maintenance Shop	Garage 1/2	Maintenance & Garages	8' Industrial SP 2L	9	138	2350	RT, 4' 10.5W DE LED 4L, 8' REFL KIT	9	42	2350	-	0	1.2	0.4	0.9	2,919	888	2,030	25%	0
122	Loyalsock State Forest	1st Floor	Maintenance Shop	Garage 1/2	Maintenance & Garages	8' Industrial SP 2L	7	138	2350	RT, 4' 10.5W DE LED 4L, 8' REFL KIT	7	42	2350	-	0	1.0	0.3	0.7	2,270	691	1,579	25%	0
123	Loyalsock State Forest	1st Floor	Maintenance Shop	Garage 1/2	Exit Signs/Night Lights	Exit Sign Paper	2	0	8760	No Action	2	0	8760	-	0	0.0	0.0	0.0	0	0	0	0%	0
124	Loyalsock State Forest	2nd Floor	Maintenance Shop	Mezzanine	Maintenance & Garages	1x4 Prism Rec 2L	2	72	2350	RT, 4' 10.5W DE LED 2L	2	21	2350	-	0	0.1	0.0	0.1	338	99	240	25%	0
125	Loyalsock State Forest	1st Floor	Maintenance Shop	Break Room	Maintenance & Garages	1x4 Prism Rec 2L	4	72	2350	RT, 4' 10.5W DE LED 2L	4	21	2350	-	0	0.3	0.1	0.2	677	197	479	25%	0
126	Loyalsock State Forest	1st Floor	Maintenance Shop	Break Room	Maintenance & Garages	4' Shop BP 2L	1	72	2350	RT, 4' 10.5W DE LED 2L	1	21	2350	-	0	0.1	0.0	0.1	169	49	120	25%	0
127	Loyalsock State Forest	1st Floor	Maintenance Shop	Break Room	Maintenance & Garages	2' Strip LED 20W	1	20	2350	No Action - Existing Efficient/LED Fixture	1	20	2350	-	0	0.0	0.0	0.0	47	47	0	25%	0
128	Loyalsock State Forest	1st Floor	Maintenance Shop	Break Room	Maintenance & Garages	4' Wrap BP 2L	1	72	2350	RT, 4' 10.5W DE LED 2L	1	21	2350	-	0	0.1	0.0	0.1	169	49	120	25%	0
129	Loyalsock State Forest	1st Floor	Maintenance Shop	Break Room	Exit Signs/Night Lights	Exit Sign Paper	1	0	8760	No Action	1	0	8760	-	0	0.0	0.0	0.0	0	0	0	0%	0
130	Loyalsock State Forest	Exterior	Maintenance Shop Building Mounted	North East Door	Exterior - Dusk to Dawn	Wall Pack HPS 70W	1	95	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	415	87	328	25%	0
131	Loyalsock State Forest	Exterior	Maintenance Shop Building Mounted	North West Door	Exterior - Dusk to Dawn	Wall Pack HPS 70W	1	95	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	415	87	328	25%	0
132	Loyalsock State Forest	Exterior	Maintenance Shop Building Mounted	South West Door	Exterior - Dusk to Dawn	Wall Pack HPS 70W	1	95	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	415	87	328	25%	0
133	Loyalsock State Forest	Exterior	Maintenance Shop Building Mounted	South East Door	Exterior - Dusk to Dawn	Wall Pack HPS 70W	1	95	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	415	87	328	25%	0
134	Loyalsock State Forest	1st Floor	Oil Shed	Oil Storage	Storage Room	Jelly Jar LED 9W A	1	9	527	LED 9W A19 Replacement	1	10	527	-	0	0.0	0.0	0.0	5	5	0	25%	0
135	Loyalsock State Forest	1st Floor	Garage at Little Bear	Private Office	Private Office	Keyless Inc 150W A	1	150	2500	LED 9W A19 Replacement	1	10	2500	-	0	0.2	0.0	0.1	375	24	351	25%	0
136	Loyalsock State Forest	1st Floor	Garage at Little Bear	Private Office	Private Office	Keyless Empty E26	1	0	2500	LED 9W A19 Replacement	1	10	2500	-	0	0.0	0.0	0.0	0	24	-24	25%	0
137	Loyalsock State Forest	1st Floor	Garage at Little Bear	Private Office	Exit Signs/Night Lights	Exit Sign Paper	1	0	8760	No Action	1	0	8760	-	0	0.0	0.0	0.0	0	0	0	0%	0
138	Loyalsock State Forest	1st Floor	Garage at Little Bear	Open Storage	Maintenance & Garages	Keyless Inc 150W A	12	150	2350	LED 9W A19 Replacement	12	10	2350	-	0	1.8	0.1	1.7	4,230	268	3,962	25%	0
139	Loyalsock State Forest	1st Floor	Garage at Little Bear	Open Storage	Maintenance & Garages	Keyless LED 11W A	2	11	2350	LED 9W A19 Replacement	2	10	2350	-	0	0.0	0.0	0.0	52	45	7	25%	0
140	Loyalsock State Forest	1st Floor	Garage at Little Bear	Under Mezzanine Storage 1	Storage Room	Keyless Inc 100W A	2	100	527	LED 9W A19 Replacement	2	10	527	-	0	0.2	0.0	0.2	105	10	95	25%	0
141	Loyalsock State Forest	1st Floor	Garage at Little Bear	Under Mezzanine Storage 1	Storage Room	Jelly Jar Inc 100W A	1	100	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	53	5	48	25%	0
142	Loyalsock State Forest	1st Floor	Garage at Little Bear	Under Mezzanine Storage 2	Storage Room	4' Shop BP 2L	4	72	527	RT, 4' 10.5W DE LED 2L	4	21	527	-	0	0.3	0.1	0.2	152	44	108	25%	0
143	Loyalsock State Forest	2nd Floor	Garage at Little Bear	Mezzanine 1	Maintenance & Garages	Keyless Inc 100W A	3	100	2350	LED 9W A19 Replacement	3	10	2350	-	0	0.3	0.0	0.3	705	67	638	25%	0
144	Loyalsock State Forest	2nd Floor	Garage at Little Bear	Mezzanine 1	Maintenance & Garages	Jelly Jar Inc 100W A	1	100	2350	LED 9W A19 Replacement	1	10	2350	-	0	0.1	0.0	0.1	235	22	213	25%	0
145	Loyalsock State Forest	2nd Floor	Garage at Little Bear	Mezzanine 2	Maintenance & Garages	Keyless Inc 100W A	1	100	2350	LED 9W A19 Replacement	1	10	2350	-	0	0.1	0.0	0.1	235	22	213	25%	0
146	Loyalsock State Forest	2nd Floor	Garage at Little Bear	Mezzanine 2	Maintenance & Garages	Jelly Jar Inc 100W A	3	100	2350	LED 9W A19 Replacement	3	10	2350	-	0	0.3	0.0	0.3	705	67	638	25%	0
147	Loyalsock State Forest	Exterior	Garage at Little Bear Building Mounted	Corner	Exterior - Dusk to Dawn	Flood Hal 75W PAR38 2L	1	150	4368	LED 13W PAR38 Replacement 2L	1	26	4368	-	0	0.0	0.0	0.0	655	114	542	25%	0
148	Loyalsock State Forest	1st Floor	New Garage	Garage	Exterior - Dusk to Dawn	4' Vaportight BP 2L 32W T8	44	59	3276	RT, 4' 10.5W DE LED 2L	44	21	3276	-	0	0.0	0.0	0.0	8,504	3,027	5,477	25%	0
149	Loyalsock State Forest	1st Floor	New Garage	Garage	Exit Signs/Night Lights	Exit Sign Combo LED	4	3	8760	No Action - Existing Efficient/LED Fixture	4	3	8760	-	0	0.0	0.0	0.0	105	105	0	0%	0
150	Loyalsock State Forest	Exterior	New Garage Building Mounted	Front Door	Exterior - Dusk to Dawn	Wall Pack CFL 32W 4P 8B	2	34	4368	Wall Pack LED CO 1.8 klm BB	2	14	4368	-	0	0.0	0.0	0.0	297	122	175	25%	0
151	Loyalsock State Forest	Exterior	New Garage Building Mounted	Front Wall	Exterior - Dusk to Dawn	Flood LED 30W	3	30	4368	No Action - Existing Efficient/LED Fixture	3	30	4368	-	0	0.0	0.0	0.0	393	393	0	25%	0
152	Loyalsock State Forest	Exterior	New Garage Building Mounted	Corner	Exterior - Dusk to Dawn	Flood LED 30W	1	30	4368	No Action - Existing Efficient/LED Fixture	1	30	4368	-	0	0.0	0.0	0.0	131	131	0	25%	0
153	Loyalsock State Forest	Exterior	New Garage Building Mounted	Back Wall	Exterior - Dusk to Dawn	Flood LED 30W	2	30	4368	No Action - Existing Efficient/LED Fixture	2	30	4368	-	0	0.0	0.0	0.0	262	262	0	25%	0
154	Loyalsock State Forest	Exterior	New Garage Building Mounted	Back Doors	Exterior - Dusk to Dawn	Wall Pack CFL 32W 4P 8B	2	34	4368	Wall Pack LED CO 1.8 klm BB	2	14	4368	-	0	0.0	0.0	0.0	297	122	175	25%	0
155	Loyalsock State Forest	Exterior	New Garage Site Lighting	Main Parking	Exterior - Dusk to Dawn	Barnlight LED 45W	1	45	4368	No Action - Existing Efficient/LED Fixture	1	45	4368	-	0	0.0	0.0	0.0	197	197	0	25%	0
156	Loyalsock State Forest		BLDG 20R01, HILLSGROVE RESIDENCE	KITCHEN	Residential	4" Rec Can CFL 13W Screw In	2	13	1000	LED 9W A19 Replacement	2	10	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
157	Loyalsock State Forest		BLDG 20R01, HILLSGROVE RESIDENCE	KITCHEN	Residential	4" Wrap BP 2L	2	72	1000	RT, 4' 10.5W DE LED 2L	2	21	1000	-	0	0.1	0.0	0.1	144	42	102	25%	0
158	Loyalsock State Forest		BLDG 20R01, HILLSGROVE RESIDENCE	DINING ROOM	Residential	Ceiling Fan CFL 13W Screw In	1	13	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	13	10	4	25%	0
159	Loyalsock State Forest		BLDG 20R01, HILLSGROVE RESIDENCE	FAMILY ROOM	Residential	Ceiling Fan CFL 13W Screw In	1	13	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	13	10	4	25%	0

199	Tyler State Park	Basement	Park Office	Electrical Room	Mechanical/Electrical Room	Keyless CFL 23W Screw In	1	23	520	LED 9W A19 Replacement	1	10	520	-	0	0.0	0.0	0.0	12	5	7	0%	0
200	Tyler State Park	Basement	Park Office	Boiler Room	Mechanical/Electrical Room	Keyless LED 9W A	1	9	520	LED 9W A19 Replacement	1	10	520	-	0	0.0	0.0	0.0	5	5	0	0%	0
201	Tyler State Park	Basement	Park Office	Boiler Room	Mechanical/Electrical Room	Keyless Inc 60W A	1	60	520	LED 9W A19 Replacement	1	10	520	-	0	0.1	0.0	0.1	31	5	26	0%	0
202	Tyler State Park	Basement	Park Office	Large Storage	Storage Room	2X4 Par Rec 4L	4	144	527	RT, 4' 10.5W DE LED 4L	4	42	527	-	0	0.6	0.2	0.4	304	89	215	25%	0
203	Tyler State Park	Basement	Park Office	Large Storage	Storage Room	2X4 Prism Rec 4L 32W T8	4	112	527	RT, 4' 10.5W DE LED 4L	4	42	527	-	0	0.4	0.2	0.3	236	89	148	25%	0
204	Tyler State Park	Basement	Park Office	Large Storage	Emergency Only	Emergency Fixture	2	0	0	No Action - Emergency Use Only	2	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
205	Tyler State Park	2nd Floor	Park Office	Large Storage	Exit Signs/Night Lights	Exit Sign Photoluminescent	1	0	8760	No Action	1	0	8760	-	0	0.0	0.0	0.0	0	0	0	0%	0
206	Tyler State Park	2nd Floor	Park Office	Stairwell	Hallways and Common Areas	Drum Inc 60W A 2L	1	120	3977	LED 9W A19 Replacement 2L	1	19	3977	-	0	0.1	0.0	0.1	477	76	402	25%	0
207	Tyler State Park	2nd Floor	Park Office	Hallway	Hallways and Common Areas	RT, 2' 7W DE LED 2L	3	51	3977	RT, 2' 7W DE LED 2L	3	14	3977	-	0	0.2	0.0	0.1	608	167	441	25%	0
208	Tyler State Park	2nd Floor	Park Office	Hallway	Exit Signs/Night Lights	Exit Sign Photoluminescent	1	0	8760	No Action	1	0	8760	-	0	0.0	0.0	0.0	0	0	0	0%	0
209	Tyler State Park	2nd Floor	Park Office	Private Restroom	Restroom (Private)	2X4 Par Rec 3L 32W T8	1	89	1000	RT, 4' 10.5W DE LED 3L	1	32	1000	-	0	0.1	0.0	0.1	89	32	58	25%	0
210	Tyler State Park	2nd Floor	Park Office	Private Office 1	Private Office	2X4 Par Rec 3L 32W T8	6	89	2500	RT, 4' 10.5W DE LED 3L	6	32	2500	-	0	0.5	0.2	0.3	1,335	473	863	25%	0
211	Tyler State Park	2nd Floor	Park Office	Kitchen	Kitchen	2X4 Prism Rec 4L	3	144	1671	RT, 4' 10.5W DE LED 4L	3	42	1671	-	0	0.4	0.1	0.3	722	211	511	25%	0
212	Tyler State Park	2nd Floor	Park Office	Exit Signs/Night Lights	Kitchen	Exit Sign Photoluminescent	1	0	8760	No Action	1	0	8760	-	0	0.0	0.0	0.0	0	0	0	0%	0
213	Tyler State Park	2nd Floor	Park Office	Private Office 2	Private Office	2X4 Par Rec 3L 32W T8	4	89	2500	RT, 4' 10.5W DE LED 3L	4	32	2500	-	0	0.4	0.1	0.2	890	315	575	25%	0
214	Tyler State Park	2nd Floor	Park Office	Private Office 2	Private Office	Exit Sign Photoluminescent	1	0	8760	No Action	1	0	8760	-	0	0.0	0.0	0.0	0	0	0	0%	0
215	Tyler State Park	3rd Floor	Park Office	Stairwell	Hallways and Common Areas	Drum Inc 60W A 2L	1	120	3977	LED 9W A19 Replacement 2L	1	19	3977	-	0	0.1	0.0	0.1	477	76	402	25%	0
216	Tyler State Park	3rd Floor	Park Office	Storage Closet	Storage Room	Keyless Inc 60W A	1	60	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	32	5	27	25%	0
217	Tyler State Park	3rd Floor	Park Office	Print Storage	Storage Room	Keyless Inc 60W A	1	60	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	32	5	27	25%	0
218	Tyler State Park	3rd Floor	Park Office	Private Office	Private Office	2X4 Prism Sur 4L	1	144	2500	RT, 4' 10.5W DE LED 4L	1	42	2500	-	0	0.1	0.0	0.1	360	105	255	25%	0
219	Tyler State Park	Exterior	Park Office Building Mounted	Main Entrance Door	Exterior - Switch	8" Rec Can CFL 13W 2P 2L	1	31	1000	RC LED Retrofit Kit 2000 Lm 8" Adj. 1000 Lm	1	9	1000	-	0	0.0	0.0	0.0	31	9	22	0%	0
220	Tyler State Park	Exterior	Park Office Building Mounted	Main Entrance Door	Exterior - Dusk to Dawn	Lantern Inc 60W A	2	60	4368	LED 9W A19 Replacement	2	10	4368	-	0	0.0	0.0	0.0	524	83	441	25%	0
221	Tyler State Park	Exterior	Park Office Building Mounted	Door	Exterior - Dusk to Dawn	Lantern Inc 60W A	1	60	4368	LED 9W A19 Replacement	1	10	4368	-	0	0.0	0.0	0.0	262	41	221	25%	0
222	Tyler State Park	Exterior	Park Office Building Mounted	Corner	Exterior - Dusk to Dawn	Flood LED 38W	1	38	4368	No Action - Existing Efficient/LED Fixture	1	38	4368	-	0	0.0	0.0	0.0	166	166	0	25%	0
223	Tyler State Park	Exterior	Park Office Building Mounted	Corner	Exterior - Dusk to Dawn	Flood LED 38W	1	38	4368	No Action - Existing Efficient/LED Fixture	1	38	4368	-	0	0.0	0.0	0.0	166	166	0	25%	0
224	Tyler State Park	Exterior	Park Office Building Mounted	Stairs	Exterior - Dusk to Dawn	Lantern Inc 60W A	1	60	4368	LED 9W A19 Replacement	1	10	4368	-	0	0.0	0.0	0.0	262	41	221	25%	0
225	Tyler State Park	Exterior	Park Office Building Mounted	Upper Door	Exterior - Dusk to Dawn	Lantern CFL 14W Screw In	1	14	4368	LED 9W A19 Replacement	1	10	4368	-	0	0.0	0.0	0.0	61	41	20	25%	0
226	Tyler State Park	Exterior	Park Office Building Mounted	Roof	Exterior - Dusk to Dawn	Barnlight MH 150W	1	190	4368	Barnlight LED 4 klm PC	1	36	4368	-	0	0.0	0.0	0.0	830	157	673	25%	0
227	Tyler State Park	Exterior	Park Office Building Mounted	Stairs to Basement	Exterior - Dusk to Dawn	Lantern Inc 60W A	1	60	4368	LED 9W A19 Replacement	1	10	4368	-	0	0.0	0.0	0.0	262	41	221	25%	0
228	Tyler State Park	Exterior	Park Office Building Mounted	Back Door	Exterior - Dusk to Dawn	Lantern LED 9W A	1	9	4368	LED 9W A19 Replacement	1	10	4368	-	0	0.0	0.0	0.0	39	41	-2	25%	0
229	Tyler State Park	1st Floor	Maintenance Garage	Private Office	Private Office	4' Wrap BP 4L 32W T8	3	112	2500	RT, 4' 10.5W DE LED 4L	3	42	2500	-	0	0.3	0.1	0.2	840	315	525	25%	0
230	Tyler State Park	1st Floor	Maintenance Garage	Restroom Vestibule	Maintenance & Garages	10" Rec Sq. Inc 75W A	1	75	2350	LED 9W A19 Replacement	1	10	2350	-	0	0.1	0.0	0.1	176	22	154	25%	0
231	Tyler State Park	1st Floor	Maintenance Garage	Restroom	Maintenance & Garages	4' Wrap BP 3L 32W T8	2	89	2350	RT, 4' 10.5W DE LED 3L	2	32	2350	-	0	0.2	0.1	0.1	418	148	270	25%	0
232	Tyler State Park	1st Floor	Maintenance Garage	Restroom	Maintenance & Garages	2" Wall Bracket 2L T8	1	33	2350	RT, 2' 7W DE LED 2L	1	14	2350	-	0	0.0	0.0	0.0	78	33	45	25%	0
233	Tyler State Park	1st Floor	Maintenance Garage	Restroom Shower	Maintenance & Garages	10" Rec Sq. Inc 75W A	1	75	2350	LED 9W A19 Replacement	1	10	2350	-	0	0.1	0.0	0.1	176	22	154	25%	0
234	Tyler State Park	1st Floor	Maintenance Garage	Janitors Closet	Storage Room	Keyless Inc 60W A	1	60	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	32	5	27	25%	0
235	Tyler State Park	1st Floor	Maintenance Garage	Garage Bay 1	Maintenance & Garages	RT, 4' Industrial BP 4L 32W T8	3	112	2350	RT, 4' 10.5W DE LED 4L	3	42	2350	-	0	0.3	0.1	0.2	790	296	493	25%	0
236	Tyler State Park	1st Floor	Maintenance Garage	Garage Bay 1	Maintenance & Garages	4' Industrial BP 4L 34W T12	1	144	2350	RT, 4' 10.5W DE LED 4L	1	42	2350	-	0	0.1	0.0	0.1	338	99	240	25%	0
237	Tyler State Park	1st Floor	Maintenance Garage	Garage Bay 1	Maintenance & Garages	2X4 Prism Sur 4L 32W T8	1	112	2350	RT, 4' 10.5W DE LED 4L	1	42	2350	-	0	0.1	0.0	0.1	263	99	164	25%	0
238	Tyler State Park	1st Floor	Maintenance Garage	Garage Bay 1 WorkBench	Maintenance & Garages	4' Industrial BP 2L 32W T8	4	59	2350	RT, 4' 10.5W DE LED 2L	4	21	2350	-	0	0.2	0.1	0.2	555	197	357	25%	0
239	Tyler State Park	1st Floor	Maintenance Garage	Garage Bay 1	Exit Signs/Night Lights	Exit Sign Photoluminescent	1	0	8760	No Action	1	0	8760	-	0	0.0	0.0	0.0	0	0	0	0%	0
240	Tyler State Park	1st Floor	Maintenance Garage	Electrical Room	Mechanical/Electrical Room	4' Wrap BP 3L 32W T8	2	89	520	RT, 4' 10.5W DE LED 3L	2	32	520	-	0	0.2	0.1	0.1	93	33	60	0%	0
241	Tyler State Park	1st Floor	Maintenance Garage	Garage Bay 2	Maintenance & Garages	4' Industrial BP 4L 32W T8	1	112	2350	RT, 4' 10.5W DE LED 4L	1	42	2350	-	0	0.1	0.0	0.1	263	99	164	25%	0
242	Tyler State Park	1st Floor	Maintenance Garage	Garage Bay 2	Maintenance & Garages	4' Industrial BP 4L 32W T8	2	112	2350	RT, 4' 10.5W DE LED 4L	2	42	2350	-	0	0.2	0.1	0.1	526	197	329	25%	0
243	Tyler State Park	1st Floor	Maintenance Garage	Garage Bay 3	Maintenance & Garages	4' Industrial BP 4L 32W T8	5	112	2350	RT, 4' 10.5W DE LED 4L	5	42	2350	-	0	0.6	0.2	0.4	1,316	493	822	25%	0
244	Tyler State Park	1st Floor	Maintenance Garage	Garage Bay 3	Exit Signs/Night Lights	Exit Sign Photoluminescent	1	0	8760	No Action	1	0	8760	-	0	0.0	0.0	0.0	0	0	0	0%	0
245	Tyler State Park	1st Floor	Maintenance Garage	Garage Bay 3 WorkBench	Maintenance & Garages	4' Strip BP 1L	3	43	2350	RT, 4' 10.5W DE LED 1L	3	11	2350	-	0	0.1	0.0	0.1	303	74	229	25%	0
246	Tyler State Park	1st Floor	Maintenance Garage	Mezzanine	Storage Room	2X4 Prism Sur 4L 32W T8	2	112	527	RT, 4' 10.5W DE LED 4L	2	42	527	-	0	0.2	0.1	0.1	118	44	74	25%	0
247	Tyler State Park	1st Floor	Maintenance Garage	Mezzanine	Storage Room	Keyless Inc 60W A	2	60	527	LED 9W A19 Replacement	2	10	527	-	0	0.1	0.0	0.1	63	10	53	25%	0
248	Tyler State Park	Exterior	Maintenance Garage Building Mounted	Front Canopy	Exterior - Switch	12" Rec Sq. Inc 100W A	6	100	1000	LED 9W A19 Replacement	6	10	1000	-	0	0.0	0.0	0.0	600	57	543	0%	0
249	Tyler State Park	Exterior	Maintenance Garage Building Mounted	Front Canopy	Exterior - Dusk to Dawn	Barnlight MH 250W	1	295	4368	Barnlight LED 4 klm PC	1	36	4368	-	0	0.0	0.0	0.0	1,289	157	1,131	25%	0
250	Tyler State Park	1st Floor	Oil Storage	Storage Room	Exterior - Dusk to Dawn	Explosion Proof Inc 60W A	1	60	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	32	5	27	25%	0
251	Tyler State Park	1st Floor	Barn	Open Storage	Storage Room	Jelly Jar Inc 75W A	1	75	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	40	5	35	25%	0
252	Tyler State Park	Exterior	Barn Site Lighting	Parking Lot	Exterior - Dusk to Dawn	Barnlight MH 250W	1	295	4368	Barnlight LED 4 klm PC	1	36	4368	-	0	0.0	0.0	0.0	1,289	157	1,131	25%	0
253	Tyler State Park	1st Floor	Storage Building	Break Room	Break Room	4' Wrap LED 40W	2	40	1230	No Action - Existing Efficient/LED Fixture	2	40	1230	-	0	0.1	0.1	0.0	98	98	0	25%	0
254	Tyler State Park	1st Floor	Storage Building	Break Room	Break Room	Drum LED 12W	1	12	1230	No Action - Existing Efficient/LED Fixture	1	12	1230	-	0	0.0	0.0	0.0	15	15	0	25%	0
255	Tyler State Park	1st Floor	Storage Building	Break Room	Break Room	Jelly Jar Empty E26	1	0	1230	LED 9W A19 Replacement	1	10	1230	-	0	0.0	0.0	0.0	12	-12	-12	25%	0
256	Tyler State Park	1st Floor	Storage Building	Break Room	Exit Signs/Night Lights	Exit Sign Paper	1	0	8760	No Action	1	0	8760	-	0	0.0	0.0	0.0	0	0	0	0%	0
257	Tyler State Park	1st Floor	Storage Building	Locker-room/Storage	Locker-room	4' Wrap BP 2L	1	72	4400	RT, 4' 10.5W DE LED 2L	1	21	4400	-	0	0.1	0.0	0.1	317	92	224	25%	0
258	Tyler State Park	1st Floor	Storage Building	Storage	Storage Room	4' Wrap BP 2L	1	72	527	RT, 4' 10.5W DE LED 2L	1	21	527	-	0	0.1	0.0	0.1	38	11	27	25%	0
259	Tyler State Park	1st Floor	Storage Building	Storage	Storage Room	4' Strip BP 2L	1	72	527	RT, 4' 10.5W DE LED 2L	1	21	527	-	0	0.1	0.0	0.1	38	11	27	25%	0
260	Tyler State Park	Exterior	Storage Building, Building Mounted	Front Wall	Exterior - Dusk to Dawn	Wall Pack LED 15W A	3	15	4368	Wall Pack LED SEC 2.5 klm PC	3	20	4368	-	0	0.0	0.0	0.0	197	262	-66	25%	0
261	Tyler State Park	Exterior	Storage Building, Building Mounted	Front Wall	Exterior - Dusk to Dawn	Flood Quartz 150W	1	150	4368	Flood LED 2.1 klm UNV	1												

300	Tyler State Park	1st Floor	Arts Center	Clay Room	Storage Room	Track Head Hal 65W PAR30	1	65	527	LED 10W PAR30 Replacement	1	10	527	-	0	0.1	0.0	0.1	34	5	29	25%	0
301	Tyler State Park	1st Floor	Arts Center	Clay Storage	Storage Room	4" Industrial LED 40W	1	40	527	No Action - Existing Efficient/LED Fixture	1	40	527	-	0	0.0	0.0	0.0	21	21	0	25%	0
302	Tyler State Park	1st Floor	Arts Center	Clay Storage	Storage Room	Keyless LED 9W A	1	9	527	LED 9W A19 Replacement	1	10	527	-	0	0.0	0.0	0.0	5	5	0	25%	0
303	Tyler State Park	1st Floor	Arts Center	Stairs by Pottery	Hallways and Common Areas	Keyless CFL 13W Screw In	1	13	3977	LED 9W A19 Replacement	1	10	3977	-	0	0.0	0.0	0.0	52	38	14	25%	0
304	Tyler State Park	2nd Floor	Arts Center	Attic	Storage Room	Keyless Inc 60W A	1	60	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	32	5	27	25%	0
305	Tyler State Park	Basement	Arts Center	Residence Basement	Storage Room	Keyless Inc 60W A	2	60	527	LED 9W A19 Replacement	2	10	527	-	0	0.1	0.0	0.1	63	10	53	25%	0
306	Tyler State Park	Exterior	Arts Center Building Mounted	Entrance Canopy	Exterior - Switch	4" Rec Can LED 9W R30	2	9	1000	LED 9W A19 Replacement	2	10	1000	-	0	0.0	0.0	0.0	18	19	-1	0%	0
307	Tyler State Park	Exterior	Arts Center Building Mounted	Entrance Canopy	Exterior - Dusk to Dawn	Barnlight LED 15W A	1	15	4368	Barnlight LED 4 klm PC	1	36	4368	-	0	0.0	0.0	0.0	66	157	-92	25%	0
308	Tyler State Park	Exterior	Arts Center Building Mounted	East Residence Porch	Exterior - Switch	Flood Hal 65 PAR30 2L	1	130	1000	LED 13W PAR38 Replacement 2L	1	26	1000	-	0	0.0	0.0	0.0	130	26	104	0%	0
309	Tyler State Park	Exterior	Arts Center Building Mounted	East Residence Porch	Exterior - Switch	Lantern LED 9W A	1	9	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	9	10	-1	0%	0
310	Tyler State Park	Exterior	Arts Center Building Mounted	West Residence Back Door	Exterior - Switch	Lantern Inc 40W C10 3L	1	120	1000	LED 5.5W B11 E12 Replacement 3L	1	17	1000	-	0	0.0	0.0	0.0	120	17	104	0%	0
311	Tyler State Park	Exterior	Arts Center Building Mounted	West Residence Porch	Exterior - Switch	Lantern LED 9W A	1	9	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	9	10	-1	0%	0
312	Tyler State Park	Exterior	Arts Center Site Lighting	Art Yard	Exterior - Dusk to Dawn	Barnlight MH 250W	1	295	4368	Barnlight LED 4 klm PC	1	36	4368	-	0	0.0	0.0	0.0	1,289	157	1,131	25%	0
313	Tyler State Park	Exterior	Arts Center Site Lighting	Art Yard	Exterior - Dusk to Dawn	Barnlight MH 100W	2	128	4368	Barnlight LED 4 klm PC	2	36	4368	-	0	0.0	0.0	0.0	1,118	314	804	25%	0
314	Tyler State Park	Exterior	Arts Center Site Lighting	Front Drive	Exterior - Dusk to Dawn	Barnlight HPS 100W	1	138	4368	Barnlight LED 4 klm PC	1	36	4368	-	0	0.0	0.0	0.0	603	157	446	25%	0
315	Tyler State Park	Exterior	Arts Center Site Lighting	Sign	Exterior - Dusk to Dawn	Flood Hal 75W PAR38 2L	2	150	4368	LED 13W PAR38 Replacement 2L	2	26	4368	-	0	0.0	0.0	0.0	1,310	227	1,083	25%	0
316	Tyler State Park	Exterior	Arts Center Site Lighting	Sign	Exterior - Dusk to Dawn	Flood Hal 50W MR16	2	60	4368	LED 6W MR16 Replacement	2	6	4368	-	0	0.0	0.0	0.0	524	52	472	25%	0
317	Tyler State Park		Leedom Farm House	WASH ROOM	Residential	Wall Pack LED 31W	1	31	1000	No Action - Existing Efficient/LED Fixture	1	31	1000	-	0	0.0	0.0	0.0	31	31	0	25%	0
318	Tyler State Park		Leedom Farm House	KITCHEN	Residential	6" Rec Can LED 12W	6	12	1000	No Action - Existing Efficient/LED Fixture	6	12	1000	-	0	0.1	0.1	0.0	72	72	0	25%	0
319	Tyler State Park		Leedom Farm House	DINING ROOM	Residential	Ceiling Fan LED 9W A 4L	1	36	1000	LED 9W A19 Replacement 4L	1	38	1000	-	0	0.0	0.0	0.0	36	38	-2	25%	0
320	Tyler State Park		Leedom Farm House	LIVING ROOM	Residential	Ceiling Fan LED 9W A 4L	1	36	1000	LED 9W A19 Replacement 4L	1	38	1000	-	0	0.0	0.0	0.0	36	38	-2	25%	0
321	Tyler State Park		Leedom Farm House	FAMILY ROOM	Residential	Drum CFL 13W Screw In 2L	2	26	1000	LED 9W A19 Replacement 2L	2	19	1000	-	0	0.1	0.0	0.0	52	38	14	25%	0
322	Tyler State Park		Leedom Farm House	FAMILY ROOM	Residential	Drum LED 20W	2	20	1000	No Action - Existing Efficient/LED Fixture	2	20	1000	-	0	0.0	0.0	0.0	40	40	0	25%	0
323	Tyler State Park		Leedom Farm House	RESTROOM	Residential	Drum CFL 13W Screw In 2L	1	26	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
324	Tyler State Park		Leedom Farm House	STAIR	Residential	Drum LED 20W	2	20	1000	No Action - Existing Efficient/LED Fixture	2	20	1000	-	0	0.0	0.0	0.0	40	40	0	25%	0
325	Tyler State Park		Leedom Farm House	MASTER	Residential	Ceiling Fan LED 9W A 4L	1	36	1000	LED 9W A19 Replacement 4L	1	38	1000	-	0	0.0	0.0	0.0	36	38	-2	25%	0
326	Tyler State Park		Leedom Farm House	BEDROOM	Residential	Drum LED 20W	1	20	1000	No Action - Existing Efficient/LED Fixture	1	20	1000	-	0	0.0	0.0	0.0	20	20	0	25%	0
327	Tyler State Park		Leedom Farm House	BEDROOM	Residential	Drum LED 9W A	1	9	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	9	10	-1	25%	0
328	Tyler State Park		Leedom Farm House	BEDROOM	Residential	Drum LED 20W	1	20	1000	No Action - Existing Efficient/LED Fixture	1	20	1000	-	0	0.0	0.0	0.0	20	20	0	25%	0
329	Tyler State Park		Leedom Farm House	BATH ROOM	Residential	5" Rec Can LED 12W	4	12	1000	No Action - Existing Efficient/LED Fixture	4	12	1000	-	0	0.0	0.0	0.0	48	48	0	25%	0
330	Tyler State Park		Leedom Farm House	BATH ROOM	Residential	Ceiling Fan LED 9W A	1	9	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	9	10	-1	25%	0
331	Tyler State Park		Leedom Farm House	BATH ROOM CLOSET	Residential	2" Vanity 2L	1	51	1000	RT, 2" 7W DE LED 2L	1	14	1000	-	0	0.1	0.0	0.0	51	14	37	25%	0
332	Tyler State Park		Leedom Farm House	ATTIC	Residential	Keyless Inc 100W A	2	100	1000	LED 9W A19 Replacement	2	10	1000	-	0	0.2	0.0	0.2	200	19	181	25%	0
333	Tyler State Park		Leedom Farm House	BASEMENT	Residential	Keyless LED 9W A	5	9	1000	LED 9W A19 Replacement	5	10	1000	-	0	0.0	0.0	0.0	45	48	-3	25%	0
334	Tyler State Park		Leedom Farm House	BASEMENT	Residential	RT, 4" 10.5W DE LED 2L	1	72	1000	RT, 4" 10.5W DE LED 2L	1	21	1000	-	0	0.1	0.0	0.1	72	21	51	25%	0
335	Tyler State Park		Leedom Farm House	BASEMENT	Residential	2" Undercabinet 1L	3	26	1000	RT, 2" 7W DE LED 1L	3	7	1000	-	0	0.1	0.0	0.1	78	21	57	25%	0
336	Tyler State Park	EXTERIOR	Leedom Farm House	MANAGER RESIDENCE	Exterior - Switch	Lantern Inc 60W A	1	60	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	60	10	51	0%	0
337	Tyler State Park	EXTERIOR	Leedom Farm House	MANAGER RESIDENCE	Exterior - Switch	Lantern LED 9W A	2	9	1000	LED 9W A19 Replacement	2	10	1000	-	0	0.0	0.0	0.0	18	19	-1	0%	0
338	Tyler State Park	EXTERIOR	Leedom Farm House	MANAGER RESIDENCE	Exterior - Switch	Wall Pack LED 9W A	1	9	1000	Wall Pack LED SEC 2.5 klm PC	1	20	1000	-	0	0.0	0.0	0.0	9	20	-11	0%	0
339	Tyler State Park	EXTERIOR	Leedom Farm House	MANAGER RESIDENCE	Exterior - Switch	6" Rec Can CFL 13W Screw In	2	13	1000	LED 9W A19 Replacement	2	10	1000	-	0	0.0	0.0	0.0	26	19	7	0%	0
340	Tyler State Park		Leedom House - Garage A	GARAGE	Residential	Keyless LED 9W A	4	9	1000	LED 9W A19 Replacement	4	10	1000	-	0	0.0	0.0	0.0	36	38	-2	25%	0
341	Tyler State Park		Leedom House - Garage A	GARAGE	Residential	Flood LED 17W PAR38 2L	2	34	1000	LED 13W PAR38 Replacement 2L	2	26	1000	-	0	0.1	0.1	0.0	68	52	16	25%	0
342	Tyler State Park		Leedom House - Garage B	GARAGE	Residential	Keyless LED 9W A	4	9	1000	LED 9W A19 Replacement	4	10	1000	-	0	0.0	0.0	0.0	36	38	-2	25%	0
343	Tyler State Park		Leedom House - Garage B	GARAGE	Residential	Flood LED 17W PAR38 2L	2	34	1000	LED 13W PAR38 Replacement 2L	2	26	1000	-	0	0.1	0.1	0.0	68	52	16	25%	0
344	Tyler State Park		Leedom House - Pump House	PUMP ROOM	Mechanical/Electrical Room	4" Vaportight BP 2L 32W T8	2	59	520	RT, 4" 10.5W DE LED 2L	2	21	520	-	0	0.1	0.0	0.1	61	22	40	0%	0
345	Tyler State Park		Quarry Comfort Station	PIPECHASE	Mechanical/Electrical Room	Jelly Jar Inc 60W A	2	60	520	LED 9W A19 Replacement	2	10	520	-	0	0.1	0.0	0.1	62	10	53	0%	0
346	Tyler State Park		Quarry Comfort Station	WOMENS RESTROOM	Comfort Stations & Secluded Restrooms	4" Wrap BP 2L 32W T8	6	59	4410	RT, 4" 10.5W DE LED 2L	6	21	4410	-	0	0.4	0.1	0.2	1,561	556	1,006	0%	0
347	Tyler State Park		Quarry Comfort Station	WOMENS RESTROOM	Comfort Stations & Secluded Restrooms	4" Wrap BP 2L 32W T8	6	59	4410	RT, 4" 10.5W DE LED 2L	6	21	4410	-	0	0.4	0.1	0.2	1,561	556	1,006	0%	0
348	Tyler State Park		Quarry Comfort Station	EXTERIOR	Comfort Stations & Secluded Restrooms	Wall Pack CFL 42W 4P	3	48	4410	Wall Pack LED CO 1.8 klm	3	14	4410	-	0	0.1	0.0	0.1	635	185	450	0%	0
349	Neshaminy State Park	1st Floor	Park Office	Hallway	Hallways and Common Areas	6" Rec Can LED 12W	9	12	3977	No Action - Existing Efficient/LED Fixture	9	12	3977	-	0	0.1	0.1	0.0	430	430	0	25%	0
350	Neshaminy State Park	1st Floor	Park Office	Hallway	Exit Signs/Night Lights	Exit Sign Inc	2	30	8760	Exit Sign LED BB	2	3	8760	-	0	0.1	0.0	0.1	526	53	473	0%	0
351	Neshaminy State Park	1st Floor	Park Office	Ranger Office	Private Office	6" Rec Can LED 12W	4	12	2500	No Action - Existing Efficient/LED Fixture	4	12	2500	-	0	0.0	0.0	0.0	120	120	0	25%	0
352	Neshaminy State Park	1st Floor	Park Office	Kitchen	Kitchen	2X4 Prism Sur 4L 32W T8	1	112	1671	RT, 4" 10.5W DE LED 4L	1	42	1671	-	0	0.1	0.0	0.1	187	70	117	25%	0
353	Neshaminy State Park	1st Floor	Park Office	Electrical Closet	Mechanical/Electrical Room	Keyless Inc 60W A	1	60	520	LED 9W A19 Replacement	1	10	520	-	0	0.1	0.0	0.1	31	5	26	0%	0
354	Neshaminy State Park	1st Floor	Park Office	Private Restroom	Restroom (Private)	Fan Inc 60W A	1	60	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.1	0.0	0.1	60	10	51	25%	0
355	Neshaminy State Park	1st Floor	Park Office	File Storage	Storage Room	6" Rec Can LED 12W	4	12	527	No Action - Existing Efficient/LED Fixture	4	12	527	-	0	0.0	0.0	0.0	25	25	0	25%	0
356	Neshaminy State Park	1st Floor	Park Office	Open Office 1	Open Office	6" Rec Can LED 12W	9	12	3500	No Action - Existing Efficient/LED Fixture	9	12	3500	-	0	0.1	0.1	0.0	378	378	0	25%	0
357	Neshaminy State Park	1st Floor	Park Office	Open Office 2	Open Office	6" Rec Can LED 12W	9	12	3500	No Action - Existing Efficient/LED Fixture	9	12	3500	-	0	0.1	0.1	0.0	378	378	0	25%	0
358	Neshaminy State Park	1st Floor	Park Office	Reception	Open Office	6" Rec Can LED 12W	9	12	3500	No Action - Existing Efficient/LED Fixture	9	12	3500	-	0	0.1	0.1	0.0	378	378	0	25%	0
359	Neshaminy State Park	1st Floor	Park Office	Reception	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
360	Neshaminy State Park	1st Floor	Park Office	Attic	Storage Room	4" Industrial BP 2L	2	72	527	RT, 4" 10.5W DE LED 2L	2	21	527	-	0	0.1	0.0	0.1	76	22	54	25%	0
361	Neshaminy State Park	Exterior	Park Office Building Mounted	Front Door	Exterior - Dusk to Dawn	Jelly Jar Inc 60W A	1	60	4368	LED 9W A19 Replacement	1	10	4368	-	0	0.0	0.0	0.0	262	41	221	25%	0
362	Neshaminy State Park	Exterior	Park Office Building Mounted	Side Wall	Exterior - Dusk to Dawn	Wall Pack MH 100W	1	128	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	559	87	472	25%	0
363	Neshaminy State Park	Exterior	Park Office Building Mounted	Back Wall	Exterior - Dusk to Dawn	Wall Pack HPS 100W	1	138	4368	Wall Pack LED SEC 2.5 klm PC													

401	Neshaminy State Park	1st Floor	Restroom Building	Womens Restroom	Restroom	Wall Pack MH 150W	3	190	3500	Wall Pack LED FC 5 klm	3	40	3500	-	0	0.6	0.1	0.5	1,995	420	1,575	25%	0
402	Neshaminy State Park	1st Floor	Restroom Building	Womens Restroom	Restroom	Missing Fixture	1	0	3500	No Action	1	0	3500	-	0	0.0	0.0	0.0	0	0	0	25%	0
403	Neshaminy State Park	Exterior	Restroom Building	Corners	Exterior - Dusk to Dawn	Barnlight HPS 250W	2	295	4368	Barnlight LED 4 klm PC	2	36	4368	-	0	0.0	0.0	0.0	2,577	314	2,263	25%	0
404	Neshaminy State Park	1st Floor	Womens Pool Canopy 2	Canopy	Locker-room	4" Vaportight BP 2L	6	72	4400	RT, 4' 10.5W DE LED 2L	6	21	4400	-	0	0.4	0.1	0.3	1,901	554	1,346	25%	0
405	Neshaminy State Park	1st Floor	Pool Lifeguard Building	Lobby	Hallways and Common Areas	1x4 Prism Sur 2L	3	72	3977	RT, 4' 10.5W DE LED 2L	3	21	3977	-	0	0.2	0.1	0.2	859	251	608	25%	0
406	Neshaminy State Park	1st Floor	Pool Lifeguard Building	Security Office	Private Office	1x4 Prism Sur 2L	2	72	2500	RT, 4' 10.5W DE LED 2L	2	21	2500	-	0	0.1	0.0	0.1	360	105	255	25%	0
407	Neshaminy State Park	1st Floor	Pool Lifeguard Building	Storage Closet	Storage Room	Keyless Inc 60W A	1	60	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	32	5	27	25%	0
408	Neshaminy State Park	1st Floor	Pool Lifeguard Building	Private Restroom	Restroom (Private)	Vanity Inc 60W A 2L	1	120	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.1	0.0	0.1	120	19	101	25%	0
409	Neshaminy State Park	1st Floor	Pool Lifeguard Building	Stairwell	Hallways and Common Areas	Vanity Inc 60W A 2L	1	120	3977	LED 9W A19 Replacement 2L	1	19	3977	-	0	0.1	0.0	0.1	477	76	402	25%	0
410	Neshaminy State Park	1st Floor	Pool Lifeguard Building	Stairwell	Hallways and Common Areas	Missing Fixture	1	0	3977	No Action	1	0	3977	-	0	0.0	0.0	0.0	0	0	0	25%	0
411	Neshaminy State Park	2nd Floor	Pool Lifeguard Building	Lockers	Locker-room	1x4 Prism Sur 2L	4	72	4400	RT, 4' 10.5W DE LED 2L	4	21	4400	-	0	0.3	0.1	0.2	1,267	370	898	25%	0
412	Neshaminy State Park	2nd Floor	Pool Lifeguard Building	Private Restroom	Restroom (Private)	Vanity Inc 60W A 2L	1	120	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.1	0.0	0.1	120	19	101	25%	0
413	Neshaminy State Park	2nd Floor	Pool Lifeguard Building	Storage	Storage Room	Vanity Inc 60W A 2L	1	120	527	LED 9W A19 Replacement 2L	1	19	527	-	0	0.1	0.0	0.1	63	10	53	25%	0
414	Neshaminy State Park	1st Floor	Pool Lifeguard Building	Concessions	Kitchen	4' Wrap BP 2L 32W T8	8	59	1671	RT, 4' 10.5W DE LED 2L	8	21	1671	-	0	0.5	0.2	0.3	789	281	508	25%	0
415	Neshaminy State Park	1st Floor	Pool Lifeguard Building	Kitchen/Break Room	Kitchen	4' Wrap BP 4L 32W T8	2	112	1671	RT, 4' 10.5W DE LED 4L	2	42	1671	-	0	0.2	0.1	0.1	374	140	234	25%	0
416	Neshaminy State Park	1st Floor	Pool Lifeguard Building	Kitchen/Break Room	Not In Use	1x4 Prism Rec 2L 32W T8	6	59	0	RT, 4' 10.5W DE LED 2L	6	21	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
417	Neshaminy State Park	1st Floor	Pool Lifeguard Building	Range	Kitchen	Jelly Jar Inc 40W A	1	40	1671	LED 9W A19 Replacement	1	10	1671	-	0	0.0	0.0	0.0	67	16	51	25%	0
418	Neshaminy State Park	1st Floor	Pool Lifeguard Building	Freezer Room	Storage Room	1x4 Prism Sur 2L	2	72	527	RT, 4' 10.5W DE LED 2L	2	21	527	-	0	0.1	0.0	0.1	76	22	54	25%	0
419	Neshaminy State Park	1st Floor	Pool Lifeguard Building	Private Restroom	Restroom (Private)	Vanity Inc 60W A 2L	1	120	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.1	0.0	0.1	120	19	101	25%	0
420	Neshaminy State Park	1st Floor	Pool Lifeguard Building	Hot Water Tank	Mechanical/Electrical Room	Jelly Jar Inc 60W A	1	60	520	LED 9W A19 Replacement	1	10	520	-	0	0.1	0.0	0.1	31	5	26	0%	0
421	Neshaminy State Park	1st Floor	Pool Lifeguard Building	Storage Room 1	Storage Room	Keyless Inc 60W A	1	60	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	32	5	27	25%	0
422	Neshaminy State Park	1st Floor	Pool Lifeguard Building	Storage Room 1	Storage Room	Keyless LED 11W A	1	11	527	LED 9W A19 Replacement	1	10	527	-	0	0.0	0.0	0.0	6	5	1	25%	0
423	Neshaminy State Park	1st Floor	Pool Lifeguard Building	Storage Room 1	Storage Room	Keyless LED 35W Corn Cob	1	35	527	No Action - Existing Efficient/LED Fixture	1	35	527	-	0	0.0	0.0	0.0	18	18	0	25%	0
424	Neshaminy State Park	1st Floor	Pool Lifeguard Building	Storage Room 2	Storage Room	Keyless LED 11W A	3	11	527	LED 9W A19 Replacement	3	10	527	-	0	0.0	0.0	0.0	17	15	2	25%	0
425	Neshaminy State Park	Exterior	Pool Lifeguard Building	Corners	Exterior - Dusk to Dawn	Barnlight HPS 250W	2	295	4368	Barnlight LED 4 klm PC	2	36	4368	-	0	0.0	0.0	0.0	2,577	314	2,263	25%	0
426	Neshaminy State Park	Exterior	Pool Lifeguard Building	Corners	Exterior - Dusk to Dawn	Flood Empty E36 2L	1	0	4368	LED 13W PAR38 Replacement 2L	1	26	4368	-	0	0.0	0.0	0.0	0	0	-114	25%	0
427	Neshaminy State Park	Exterior	Pool Lifeguard Building	Front Corner	Exterior - Dusk to Dawn	Barnlight HPS 150W	1	188	4368	Barnlight LED 4 klm PC	1	36	4368	-	0	0.0	0.0	0.0	821	157	664	25%	0
428	Neshaminy State Park	Exterior	Pool Lifeguard Building	Side Corner	Exterior - Dusk to Dawn	Barnlight HPS 150W	1	188	4368	Barnlight LED 4 klm PC	1	36	4368	-	0	0.0	0.0	0.0	821	157	664	25%	0
429	Neshaminy State Park	Exterior	Pool Lifeguard Building	Side Door	Exterior - Dusk to Dawn	Jelly Jar Inc 60W A	1	60	4368	LED 9W A19 Replacement	1	10	4368	-	0	0.0	0.0	0.0	262	41	221	25%	0
430	Neshaminy State Park	1st Floor	Pavilion	Mens Restroom	Restroom	4" Vaportight BP 2L 32W T8	2	59	3500	RT, 4' 10.5W DE LED 2L	2	21	3500	-	0	0.1	0.0	0.1	413	147	266	25%	0
431	Neshaminy State Park	1st Floor	Pavilion	Pipe Chase	Mechanical/Electrical Room	4" Vaportight BP 2L 32W T8	1	59	520	RT, 4' 10.5W DE LED 2L	1	21	520	-	0	0.1	0.0	0.1	31	11	20	0%	0
432	Neshaminy State Park	1st Floor	Pavilion	Womens Restroom	Restroom	4" Vaportight BP 2L 32W T8	2	59	3500	RT, 4' 10.5W DE LED 2L	2	21	3500	-	0	0.1	0.0	0.1	413	147	266	25%	0
433	Neshaminy State Park	Exterior	Pavilion	Wall	Exterior - Dusk to Dawn	Wall Pack HPS 100W	1	138	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	603	87	515	25%	0
434	Neshaminy State Park	Exterior	Pavilion	Wall	Exterior - Dusk to Dawn	Wall Pack HPS 100W	1	138	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	603	87	515	25%	0
435	Neshaminy State Park	1st Floor	Standalone Restroom 1	Mens Restroom	Restroom	4" Vaportight BP 2L 32W T8	2	59	3500	RT, 4' 10.5W DE LED 2L	2	21	3500	-	0	0.1	0.0	0.1	413	147	266	25%	0
436	Neshaminy State Park	1st Floor	Standalone Restroom 1	Pipe Chase	Mechanical/Electrical Room	4" Vaportight BP 2L 32W T8	1	59	520	RT, 4' 10.5W DE LED 2L	1	21	520	-	0	0.1	0.0	0.0	31	11	20	0%	0
437	Neshaminy State Park	1st Floor	Standalone Restroom 1	Womens Restroom	Restroom	4" Vaportight BP 2L 32W T8	2	59	3500	RT, 4' 10.5W DE LED 2L	2	21	3500	-	0	0.1	0.0	0.1	413	147	266	25%	0
438	Neshaminy State Park	1st Floor	Standalone Restroom 2	Mens Restroom	Restroom	4" Vaportight BP 2L 32W T8	2	59	3500	RT, 4' 10.5W DE LED 2L	2	21	3500	-	0	0.1	0.0	0.1	413	147	266	25%	0
439	Neshaminy State Park	1st Floor	Standalone Restroom 2	Pipe Chase	Mechanical/Electrical Room	4" Vaportight BP 2L 32W T8	1	59	520	RT, 4' 10.5W DE LED 2L	1	21	520	-	0	0.1	0.0	0.0	31	11	20	0%	0
440	Neshaminy State Park	1st Floor	Standalone Restroom 2	Womens Restroom	Restroom	4" Vaportight BP 2L 32W T8	2	59	3500	RT, 4' 10.5W DE LED 2L	2	21	3500	-	0	0.1	0.0	0.1	413	147	266	25%	0
441	Neshaminy State Park	1st Floor	Residence Mansion	Kitchen	Residential	6" Rec Can LED 10W R30	8	10	1000	LED 9W A19 Replacement	8	10	1000	-	0	0.1	0.1	0.0	80	76	4	25%	0
442	Neshaminy State Park	1st Floor	Residence Mansion	Kitchen	Residential	18" Undercabinet 1L T8	1	19	1000	RT, 18" 7W SE LED 1L	1	7	1000	-	0	0.0	0.0	0.0	19	7	12	25%	0
443	Neshaminy State Park	1st Floor	Residence Mansion	Dinning Room	Residential	Ceiling Fan LED 9W A 3L	1	27	1000	LED 9W A19 Replacement 3L	1	29	1000	-	0	0.0	0.0	0.0	27	29	-2	25%	0
444	Neshaminy State Park	1st Floor	Residence Mansion	Living Room	Residential	Ceiling Fan LED 9W A 3L	1	27	1000	LED 9W A19 Replacement 3L	1	29	1000	-	0	0.0	0.0	0.0	27	29	-2	25%	0
445	Neshaminy State Park	1st Floor	Residence Mansion	Play Room	Residential	Ceiling Fan LED 9W A 3L	1	27	1000	LED 9W A19 Replacement 3L	1	29	1000	-	0	0.0	0.0	0.0	27	29	-2	25%	0
446	Neshaminy State Park	1st Floor	Residence Mansion	Restroom	Residential	Vanity LED 9W A 3L	1	27	1000	LED 9W A19 Replacement 3L	1	29	1000	-	0	0.0	0.0	0.0	27	29	-2	25%	0
447	Neshaminy State Park	1st Floor	Residence Mansion	Restroom	Residential	Drum CFL 19W Screw In	1	19	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	19	10	10	25%	0
448	Neshaminy State Park	2nd Floor	Residence Mansion	Hallway	Residential	Drum CFL 19W Screw In	3	19	1000	LED 9W A19 Replacement	3	10	1000	-	0	0.1	0.0	0.0	57	29	29	25%	0
449	Neshaminy State Park	2nd Floor	Residence Mansion	Bedroom 1	Residential	Ceiling Fan LED 9W A 3L	1	27	1000	LED 9W A19 Replacement 3L	1	29	1000	-	0	0.0	0.0	0.0	27	29	-2	25%	0
450	Neshaminy State Park	2nd Floor	Residence Mansion	Bedroom 2	Residential	Drum CFL 19W Screw In	1	19	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	19	10	10	25%	0
451	Neshaminy State Park	2nd Floor	Residence Mansion	Bedroom 3	Residential	Drum CFL 19W Screw In	1	19	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	19	10	10	25%	0
452	Neshaminy State Park	2nd Floor	Residence Mansion	Private Restroom 1	Residential	Drum LED 11W A	1	11	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	11	10	2	25%	0
453	Neshaminy State Park	2nd Floor	Residence Mansion	Bedroom 4	Residential	Drum LED 11W A	1	11	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	11	10	2	25%	0
454	Neshaminy State Park	2nd Floor	Residence Mansion	Private Restroom 2	Residential	Fan CFL 19W Screw In	1	19	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	19	10	10	25%	0
455	Neshaminy State Park	2nd Floor	Residence Mansion	Private Restroom 2	Residential	4" Rec Can LED 10W	2	10	1000	No Action - Existing Efficient/LED Fixture	2	10	1000	-	0	0.0	0.0	0.0	20	20	0	25%	0
456	Neshaminy State Park	2nd Floor	Residence Mansion	Private Restroom 2	Residential	Vanity LED 20W	1	20	1000	No Action - Existing Efficient/LED Fixture	1	20	1000	-	0	0.0	0.0	0.0	20	20	0	25%	0
457	Neshaminy State Park	3rd Floor	Residence Mansion	Stairwell	Residential	Keyless Inc 60W A	1	60	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.1	0.0	0.1	60	10	51	25%	0
458	Neshaminy State Park	3rd Floor	Residence Mansion	Private Restroom 1	Residential	Keyless Inc 60W A	1	60	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.1	0.0	0.1	60	10	51	25%	0
459	Neshaminy State Park	3rd Floor	Residence Mansion	Storage Closet 1	Residential	Keyless Inc 60W A	1	60	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.1	0.0	0.1	60	10	51	25%	0
460	Neshaminy State Park	3rd Floor	Residence Mansion	Bedroom 1	Residential	Keyless Inc 60W A	1	60	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.1	0.0	0.1	60	10	51	25%	0
461	Neshaminy State Park	3rd Floor	Residence Mansion	Bedroom 2	Residential	Keyless Inc 60W A	1	60	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.1	0.0	0.1	60	10	51	25%	0
462	Neshaminy State Park	3rd Floor	Residence Mansion	Storage Closet 2	Residential	Keyless Inc 60W A	1	60	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.1	0.0	0.1	60	10			



502	Neshaminy State Park	1st Floor	Marina Office	File Storage	Storage Room	6" Rec Can LED 12W	4	12	527	No Action - Existing Efficient/LED Fixture	4	12	527	-	0	0.0	0.0	0.0	25	25	0	25%	0
503	Neshaminy State Park	1st Floor	Marina Office	Open Office 1	Open Office	6" Rec Can LED 12W	9	12	3500	No Action - Existing Efficient/LED Fixture	9	12	3500	-	0	0.1	0.1	0.0	378	378	0	25%	0
504	Neshaminy State Park	1st Floor	Marina Office	Open Office 2	Open Office	6" Rec Can LED 12W	9	12	3500	No Action - Existing Efficient/LED Fixture	9	12	3500	-	0	0.1	0.1	0.0	378	378	0	25%	0
505	Neshaminy State Park	1st Floor	Marina Office	Reception	Open Office	6" Rec Can LED 12W	9	12	3500	No Action - Existing Efficient/LED Fixture	9	12	3500	-	0	0.1	0.1	0.0	378	378	0	25%	0
506	Neshaminy State Park	1st Floor	Marina Office	Emergency Only	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
507	Neshaminy State Park	1st Floor	Marina Office	Attic	Storage Room	4" Industrial BP 2L	2	72	527	RT, 4' 10.5W DE LED 2L	2	21	527	-	0	0.1	0.0	0.1	76	22	54	25%	0
508	Neshaminy State Park	Exterior	Marina Office	Front Door	Exterior - Dusk to Dawn	Jelly Jar Inc 60W A	1	60	4368	LED 9W A19 Replacement	1	10	4368	-	0	0.0	0.0	0.0	262	41	221	25%	0
509	Neshaminy State Park	Exterior	Marina Office	Side Wall	Exterior - Dusk to Dawn	Wall Pack MH 100W	1	128	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	559	87	472	25%	0
510	Neshaminy State Park	Exterior	Marina Office	Back Wall	Exterior - Dusk to Dawn	Wall Pack HPS 100W	1	138	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	603	87	515	25%	0
511	Neshaminy State Park	Exterior	Marina Office	Side Door	Exterior - Dusk to Dawn	Wall Pack HPS 100W	1	138	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	603	87	515	25%	0
512	Neshaminy State Park		Playmasters - 443	Hallway	Hallways and Common Areas	6" Rec Can LED 12W	9	12	3977	No Action - Existing Efficient/LED Fixture	9	12	3977	-	0	0.1	0.1	0.0	430	430	0	25%	0
513	Neshaminy State Park		Playmasters - 443	Hallway	Exit Signs/Night Lights	Exit Sign Inc	2	30	8760	Exit Sign LED BB	2	3	8760	-	0	0.1	0.0	0.1	526	53	473	0%	0
514	Neshaminy State Park		Playmasters - 443	Ranger Office	Private Office	6" Rec Can LED 12W	4	12	2500	No Action - Existing Efficient/LED Fixture	4	12	2500	-	0	0.0	0.0	0.0	120	120	0	25%	0
515	Neshaminy State Park		Playmasters - 443	Kitchen	Kitchen	ZM4 Prism Sur 4L 32W T8	1	112	1671	RT, 4' 10.5W DE LED 4L	1	42	1671	-	0	0.1	0.0	0.1	187	70	117	25%	0
516	Neshaminy State Park		Playmasters - 443	Electrical Closet	Utility	Keyless Inc 60W A	1	60	520	LED 9W A19 Replacement	1	10	520	-	0	0.1	0.0	0.1	31	5	26	25%	0
517	Neshaminy State Park		Playmasters - 443	Private Restroom	Restroom (Private)	Fan Inc 60W A	1	60	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.1	0.0	0.1	60	10	51	25%	0
518	Neshaminy State Park		Playmasters - 443	File Storage	Storage Room	6" Rec Can LED 12W	4	12	527	No Action - Existing Efficient/LED Fixture	4	12	527	-	0	0.0	0.0	0.0	25	25	0	25%	0
519	Neshaminy State Park		Playmasters - 443	Open Office 1	Open Office	6" Rec Can LED 12W	9	12	3500	No Action - Existing Efficient/LED Fixture	9	12	3500	-	0	0.1	0.1	0.0	378	378	0	25%	0
520	Neshaminy State Park		Playmasters - 443	Open Office 2	Open Office	6" Rec Can LED 12W	9	12	3500	No Action - Existing Efficient/LED Fixture	9	12	3500	-	0	0.1	0.1	0.0	378	378	0	25%	0
521	Neshaminy State Park		Playmasters - 443	Reception	Open Office	6" Rec Can LED 12W	9	12	3500	No Action - Existing Efficient/LED Fixture	9	12	3500	-	0	0.1	0.1	0.0	378	378	0	25%	0
522	Neshaminy State Park		Playmasters - 443	Reception	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
523	Neshaminy State Park		Playmasters - 443	Attic	Storage Room	4" Industrial BP 2L	2	72	527	RT, 4' 10.5W DE LED 2L	2	21	527	-	0	0.1	0.0	0.1	76	22	54	25%	0
524	Neshaminy State Park		Playmasters - 443	Front Door	Exterior - Dusk to Dawn	Jelly Jar Inc 60W A	1	60	4368	LED 9W A19 Replacement	1	10	4368	-	0	0.0	0.0	0.0	262	41	221	25%	0
525	Neshaminy State Park		Playmasters - 443	Side Wall	Exterior - Dusk to Dawn	Wall Pack MH 100W	1	128	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	559	87	472	25%	0
526	Neshaminy State Park		Playmasters - 443	Back Wall	Exterior - Dusk to Dawn	Wall Pack HPS 100W	1	138	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	603	87	515	25%	0
527	Neshaminy State Park		Playmasters - 443	Side Door	Exterior - Dusk to Dawn	Wall Pack HPS 100W	1	138	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	603	87	515	25%	0
528	Weiser State Forest	1st Floor	Haldeman Stone House	Vestibule	Hallways and Common Areas	4" Wrap BP 3L 32W T8	1	89	3977	RT, 4' 10.5W DE LED 3L	1	32	3977	-	0	0.1	0.0	0.1	354	125	229	25%	0
529	Weiser State Forest	1st Floor	Haldeman Stone House	Vestibule	Exit Signs/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
530	Weiser State Forest	1st Floor	Haldeman Stone House	Private Restroom	Restroom (Private)	4" Wall Bracket BP 2L 32W T8 BB	1	59	1000	RT, 4' 10.5W DE LED 2L BB	1	21	1000	-	0	0.1	0.0	0.0	59	21	38	25%	0
531	Weiser State Forest	1st Floor	Haldeman Stone House	Conference Room	Conference Room	4" Wrap BP 3L 32W T8 Dim	6	8	2500	RB/RL, D, 4" LED 3L	6	35	2500	-	0	0.5	0.2	0.3	1,335	518	818	0%	0
532	Weiser State Forest	1st Floor	Haldeman Stone House	Conference Room	Conference Room	Track Head LED 8W R20	4	8	2500	LED 7.5W R20 Replacement	4	8	2500	-	0	0.0	0.0	0.0	80	75	5	0%	0
533	Weiser State Forest	1st Floor	Haldeman Stone House	Conference Room	Exit Signs/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
534	Weiser State Forest	1st Floor	Haldeman Stone House	Mechanical Room	Mechanical Room	4" Wrap BP 3L 32W T8	1	89	520	RT, 4' 10.5W DE LED 3L	1	32	520	-	0	0.1	0.0	0.1	46	16	30	0%	0
535	Weiser State Forest	1st Floor	Haldeman Stone House	Data Room	Mechanical/Electrical Room	4" Wrap BP 3L 32W T8	1	89	520	RT, 4' 10.5W DE LED 3L	1	32	520	-	0	0.1	0.0	0.1	46	16	30	0%	0
536	Weiser State Forest	1st Floor	Haldeman Stone House	Hallway	Hallways and Common Areas	4" Wrap BP 3L 32W T8	1	89	3977	RT, 4' 10.5W DE LED 3L	1	32	3977	-	0	0.1	0.0	0.1	354	125	229	25%	0
537	Weiser State Forest	1st Floor	Haldeman Stone House	Private Office 1	Private Office	4" Wrap BP 3L 32W T8	1	89	2500	RT, 4' 10.5W DE LED 3L	1	32	2500	-	0	0.1	0.0	0.1	223	79	144	25%	0
538	Weiser State Forest	1st Floor	Haldeman Stone House	Private Restroom	Restroom (Private)	Fan CFL 13W Screw In	1	13	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	13	10	4	25%	0
539	Weiser State Forest	1st Floor	Haldeman Stone House	Break Room	Break Room	4" Wrap BP 3L 32W T8	1	89	1230	RT, 4' 10.5W DE LED 3L	1	32	1230	-	0	0.1	0.0	0.1	110	39	71	25%	0
540	Weiser State Forest	1st Floor	Haldeman Stone House	Break Room	Break Room	21" Undercabinet F13 T5 1L	1	14	1230	Undercabinet LED 24"	1	12	1230	-	0	0.0	0.0	0.0	17	15	2	25%	0
541	Weiser State Forest	1st Floor	Haldeman Stone House	Break Room Range	Break Room	Range Hood Empty E26	2	0	1230	LED 9W A19 Replacement	2	10	1230	-	0	0.0	0.0	0.0	0	23	-23	25%	0
542	Weiser State Forest	1st Floor	Haldeman Stone House	Private Office 2	Private Office	4" Wrap BP 3L 32W T8	2	89	2500	RT, 4' 10.5W DE LED 3L	2	32	2500	-	0	0.2	0.1	0.1	445	158	288	25%	0
543	Weiser State Forest	1st Floor	Haldeman Stone House	Private Office 3	Private Office	4" Wrap BP 3L 32W T8	2	89	2500	RT, 4' 10.5W DE LED 3L	2	32	2500	-	0	0.2	0.1	0.1	445	158	288	25%	0
544	Weiser State Forest	Exterior	Haldeman Stone House	Canopy	Exterior - Switch	Canopy CFL 23W Screw In	1	23	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	23	10	14	0%	0
545	Weiser State Forest	Exterior	Haldeman Stone House	Canopy	Exterior - Dusk to Dawn	Wall Pack LED 13W	1	13	4368	No Action - Existing Efficient/LED Fixture	1	13	4368	-	0	0.0	0.0	0.0	57	57	0	25%	0
546	Weiser State Forest	Exterior	Haldeman Stone House	Entrance Door	Exterior - Dusk to Dawn	Barnlight LED 20W	1	20	4368	No Action - Existing Efficient/LED Fixture	1	20	4368	-	0	0.0	0.0	0.0	87	87	0	25%	0
547	Weiser State Forest	Exterior	Haldeman Stone House	Entrance Door	Exterior - Dusk to Dawn	Wall Pack LED 13W	1	13	4368	No Action - Existing Efficient/LED Fixture	1	13	4368	-	0	0.0	0.0	0.0	57	57	0	25%	0
548	Weiser State Forest	Exterior	Haldeman Stone House	Deck Wall	Exterior - Dusk to Dawn	Barnlight LED 20W	1	20	4368	No Action - Existing Efficient/LED Fixture	1	20	4368	-	0	0.0	0.0	0.0	87	87	0	25%	0
549	Weiser State Forest	Exterior	Haldeman Stone House	Deck Wall	Exterior - Dusk to Dawn	Wall Pack LED 13W	1	13	4368	No Action - Existing Efficient/LED Fixture	1	13	4368	-	0	0.0	0.0	0.0	57	57	0	25%	0
550	Weiser State Forest	1st Floor	Haldeman Five Bay Pole Building	Garage Bays	Maintenance & Garages	High Bay LED 150W	12	150	1762	No Action - Existing Efficient/LED Fixture	12	150	1762	-	0	1.8	1.8	0.0	3,172	3,172	0	25%	0
551	Weiser State Forest	1st Floor	Haldeman Five Bay Pole Building	Garage Bays	Exit Signs/Night Lights	Exit Sign Combo LED	2	3	8760	No Action - Existing Efficient/LED Fixture	2	3	8760	-	0	0.0	0.0	0.0	53	53	0	0%	0
552	Weiser State Forest	Exterior	Haldeman Five Bay Pole Building	Front Garages	Exterior - Dusk to Dawn	Wall Pack LED 25W	4	25	4368	No Action - Existing Efficient/LED Fixture	4	25	4368	-	0	0.0	0.0	0.0	437	437	0	25%	0
553	Weiser State Forest	Exterior	Haldeman Five Bay Pole Building	Side Door	Exterior - Dusk to Dawn	Wall Pack LED 25W	1	25	4368	No Action - Existing Efficient/LED Fixture	1	25	4368	-	0	0.0	0.0	0.0	109	109	0	25%	0
554	Weiser State Forest	Exterior	Haldeman Five Bay Pole Building	Side Door	Exterior - Dusk to Dawn	Wall Pack LED 25W	1	25	4368	No Action - Existing Efficient/LED Fixture	1	25	4368	-	0	0.0	0.0	0.0	109	109	0	25%	0
555	Weiser State Forest	1st Floor	Fire Cache Office/ Garage	Open Office	Open Office	4" Wrap LED 13W T8 ULB 4L	4	52	3500	RT, 4' 10.5W DE LED 4L	4	42	3500	-	0	0.2	0.2	0.0	728	588	140	25%	0
556	Weiser State Forest	1st Floor	Fire Cache Office/ Garage	Storage	Storage Room	Keyless Inc 200W A	1	200	527	LED 9W A19 Replacement	1	10	527	-	0	0.2	0.0	0.2	105	5	100	25%	0
557	Weiser State Forest	1st Floor	Fire Cache Office/ Garage	Back Hallway	Hallways and Common Areas	4" Wrap LED 13W T8 ULB 4L	1	52	3977	RT, 4' 10.5W DE LED 4L	1	42	3977	-	0	0.1	0.0	0.0	207	167	40	25%	0
558	Weiser State Forest	1st Floor	Fire Cache Office/ Garage	Storage Room	Storage Room	4" Wrap LED 13W T8 ULB 4L	15	52	527	RT, 4' 10.5W DE LED 4L	15	42	527	-	0	0.8	0.6	0.2	411	332	79	25%	0
559	Weiser State Forest	1st Floor	Fire Cache Office/ Garage	Evidence Storage	Storage Room	Keyless Inc 200W A	1	200	527	LED 9W A19 Replacement	1	10	527	-	0	0.2	0.0	0.2	105	5	100	25%	0
560	Weiser State Forest	1st Floor	Fire Cache Office/ Garage	Private Restroom	Restroom (Private)	Keyless Inc 200W A	1	200	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.2	0.0	0.2	200	10	191	25%	0
561	Weiser State Forest	1st Floor	Fire Cache Office/ Garage	Janitors Closet	Storage Room	Keyless Inc 200W A	1	200	527	LED 9W A19 Replacement	1	10	527	-	0	0.2	0.0	0.2	105	5	100	25%	0
562	Weiser State Forest	1st Floor	Fire Cache Office/ Garage	Small Garage	Maintenance & Garages	4" Industrial LED 13W T8 ULB 4L	10	52	2350	RT, 4' 10.5W DE LED 4L	10	42	2350	-	0	0.5	0.4	0.1	1,222	987	235	25%	0
563	Weiser State Forest	1st Floor	Fire Cache Office/ Garage	Boiler Room	Mechanical/Electrical Room	4" Vaportight LED 13W T8 ULB 2L	1	26	520	RT, 4' 10.5W DE LED 2L	1	21	520	-	0	0.0	0.0	0.0	14	11	3	0%	0
564	Weiser State Forest	1st Floor	Fire Cache Office/ Garage	Large Garage	Maintenance & Garages	4" Industrial LED 13W T8 ULB 2L	8	26	2350	RT, 4													

603	Weiser State Forest	1st Floor	RMC	Meeting Room	Conference Room	Track Head LED 10W	12	10	2500	No Action - Existing Efficient/LED Fixture	12	10	2500	-	0	0.1	0.1	0.0	300	300	0	0%	0
604	Weiser State Forest	1st Floor	RMC	Meeting Room	Conference Room	Wall Sconce CFL 26W 4P	4	27	2500	RT, LED 8W 2P G24D/QH	4	8	2500	-	0	0.1	0.0	0.1	270	80	190	0%	0
605	Weiser State Forest	1st Floor	RMC	Emergency Only	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
606	Weiser State Forest	1st Floor	RMC	Meeting Room	Exit Signs/Night Lights	Exit Sign Combo LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
607	Weiser State Forest	1st Floor	RMC	Meeting Room Kitchenette	Conference Room	6" Rec Can CFL 32W 4P	2	34	2500	RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm	2	13	2500	-	0	0.1	0.0	0.0	170	65	105	0%	0
608	Weiser State Forest	1st Floor	RMC	Storage	Storage Room	4" Wrap BP 2L 32W T8 BB	2	59	527	RT, 4" 10.5W DE LED 2L BB	2	21	527	-	0	0.1	0.0	0.1	62	22	40	25%	0
609	Weiser State Forest	1st Floor	RMC	Kitchen	Kitchen	2X4 Volumetric Rec 2L 32W T8	1	59	1253	RT, 4" 10.5W DE LED 2L	1	21	1253	-	0	0.1	0.0	0.0	74	26	48	25%	0
610	Weiser State Forest	1st Floor	RMC	Range	Kitchen	Range Hood CFL 13W 4P	2	15	1671	RT, LED 6W 2P G24D/QH	2	6	1671	-	0	0.0	0.0	0.0	50	20	30	25%	0
611	Weiser State Forest	1st Floor	RMC	Hallways and Common Areas	Hallway	2X2 Volumetric Rec 2L T8	5	33	2983	RT, 2" 7W DE LED 2L	5	14	2983	-	0	0.2	0.1	0.1	492	209	283	25%	0
612	Weiser State Forest	1st Floor	RMC	Hallway	Exit Signs/Night Lights	Exit Sign Combo LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
613	Weiser State Forest	1st Floor	RMC	Reception	Open Office	2X4 Volumetric Rec 2L 32W T8	2	59	2625	RT, 4" 10.5W DE LED 2L	2	21	2625	-	0	0.1	0.0	0.1	310	110	200	25%	0
614	Weiser State Forest	1st Floor	RMC	Reception	Open Office	2X2 Volumetric Rec 2L T8	1	33	2625	RT, 2" 7W DE LED 2L	1	14	2625	-	0	0.0	0.0	0.0	87	37	50	25%	0
615	Weiser State Forest	1st Floor	RMC	Janitors Closet	Storage Room	4" Wall Bracket BP 2L 32W T8 BB	1	59	527	RT, 4" 10.5W DE LED 2L BB	1	21	527	-	0	0.1	0.0	0.0	31	11	20	25%	0
616	Weiser State Forest	1st Floor	RMC	Private Office 1	Private Office	2X4 Volumetric Rec 2L 32W T8	2	59	1875	RT, 4" 10.5W DE LED 2L	2	21	1875	-	0	0.1	0.0	0.1	221	79	143	25%	0
617	Weiser State Forest	1st Floor	RMC	Private Office 2	Private Office	2X4 Volumetric Rec 2L 32W T8	2	59	1875	RT, 4" 10.5W DE LED 2L	2	21	1875	-	0	0.1	0.0	0.1	221	79	143	25%	0
618	Weiser State Forest	1st Floor	RMC	Private Office 3	Private Office	2X4 Volumetric Rec 2L 32W T8	2	59	1875	RT, 4" 10.5W DE LED 2L	2	21	1875	-	0	0.1	0.0	0.1	221	79	143	25%	0
619	Weiser State Forest	1st Floor	RMC	Open Office	Open Office	8" Direct/Indirect BP 2L 32W T8	8	59	2625	RT, 4" 10.5W DE LED 2L	8	21	2625	-	0	0.5	0.2	0.3	1,239	441	798	25%	0
620	Weiser State Forest	1st Floor	RMC	Open Office	Open Office	4" Direct/Indirect BP 1L 32W T8	4	31	2625	RT, 4" 10.5W DE LED 1L	4	11	2625	-	0	0.1	0.0	0.1	326	110	215	25%	0
621	Weiser State Forest	1st Floor	RMC	Open Office	Open Office	2X4 Volumetric Rec 2L 32W T8	14	59	2625	RT, 4" 10.5W DE LED 2L	14	21	2625	-	0	0.8	0.3	0.5	2,168	772	1,397	25%	0
622	Weiser State Forest	1st Floor	RMC	Open Office	Open Office	4" Undercabinet BP 1L 32W T8	2	31	3500	RT, 4" 10.5W DE LED 1L	2	11	3500	-	0	0.1	0.0	0.0	217	74	144	25%	0
623	Weiser State Forest	1st Floor	RMC	Open Office	Exit Signs/Night Lights	Exit Sign Combo LED	2	3	8760	No Action - Existing Efficient/LED Fixture	2	3	8760	-	0	0.0	0.0	0.0	53	53	0	0%	0
624	Weiser State Forest	1st Floor	RMC	Open Office	Emergency Only	Emergency Fixture	4	0	0	No Action - Emergency Use Only	4	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
625	Weiser State Forest	1st Floor	RMC	Open Office Closet 1	Storage Room	4" Wall Bracket BP 1L 32W T8	1	31	527	RT, 4" 10.5W DE LED 1L	1	11	527	-	0	0.0	0.0	0.0	16	6	11	25%	0
626	Weiser State Forest	1st Floor	RMC	Open Office Closet 2	Storage Room	4" Wall Bracket BP 1L 32W T8	1	31	527	RT, 4" 10.5W DE LED 1L	1	11	527	-	0	0.0	0.0	0.0	16	6	11	25%	0
627	Weiser State Forest	1st Floor	RMC	Back Hallway	Hallways and Common Areas	2X2 Volumetric Rec 2L T8	7	33	2983	RT, 2" 7W DE LED 2L	7	14	2983	-	0	0.2	0.1	0.1	689	292	397	25%	0
628	Weiser State Forest	1st Floor	RMC	Back Hallway	Exit Signs/Night Lights	Exit Sign Combo LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
629	Weiser State Forest	1st Floor	RMC	Back Hallway	Emergency Only	Emergency Fixture	2	0	0	No Action - Emergency Use Only	2	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
630	Weiser State Forest	1st Floor	RMC	Open Office	Open Office	2X4 Volumetric Rec 2L 32W T8	4	59	2625	RT, 4" 10.5W DE LED 2L	4	21	2625	-	0	0.2	0.1	0.2	620	221	399	25%	0
631	Weiser State Forest	1st Floor	RMC	Open Office	Open Office	4" Undercabinet BP 1L 32W T8	2	31	3500	RT, 4" 10.5W DE LED 1L	2	11	3500	-	0	0.1	0.0	0.0	217	74	144	25%	0
632	Weiser State Forest	1st Floor	RMC	Storage Room	Storage Room	4" Wrap BP 2L 32W T8	2	59	527	RT, 4" 10.5W DE LED 2L	2	21	527	-	0	0.1	0.0	0.1	62	22	40	25%	0
633	Weiser State Forest	1st Floor	RMC	Storage Room	Storage Room	4" Wrap BP 2L 32W T8	1	59	527	RT, 4" 10.5W DE LED 2L	1	21	527	-	0	0.1	0.0	0.0	31	11	20	25%	0
634	Weiser State Forest	1st Floor	RMC	Evidence Storage	Storage Room	4" Wall Bracket BP 2L 32W T8	1	59	527	RT, 4" 10.5W DE LED 2L	1	21	527	-	0	0.1	0.0	0.0	31	11	20	25%	0
635	Weiser State Forest	1st Floor	RMC	Janitors Closet	Storage Room	4" Wall Bracket BP 1L 32W T8	1	31	395	RT, 4" 10.5W DE LED 1L	1	11	395	-	0	0.0	0.0	0.0	12	4	8	25%	0
636	Weiser State Forest	1st Floor	RMC	Break Room	Break Room	2X4 Volumetric Rec 2L 32W T8	4	59	923	RT, 4" 10.5W DE LED 2L	4	21	923	-	0	0.2	0.1	0.2	218	78	140	25%	0
637	Weiser State Forest	1st Floor	RMC	Break Room	Exit Signs/Night Lights	Exit Sign Combo LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
638	Weiser State Forest	1st Floor	RMC	Break Room Range	Break Room	Range Hood CFL 13W 4P	2	15	1230	RT, LED 6W 2P G24D/QH	2	6	1230	-	0	0.0	0.0	0.0	37	15	22	25%	0
639	Weiser State Forest	1st Floor	RMC	Vestibule	Hallways and Common Areas	6" Rec Can CFL 32W 4P BB	1	34	3977	RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm BB	1	13	3977	-	0	0.0	0.0	0.0	135	52	84	25%	0
640	Weiser State Forest	1st Floor	RMC	Data Room	Mechanical/Electrical Room	4" Wrap BP 2L 32W T8	1	59	520	RT, 4" 10.5W DE LED 2L	1	21	520	-	0	0.1	0.0	0.0	31	11	20	0%	0
641	Weiser State Forest	1st Floor	RMC	Data Room	Mechanical/Electrical Room	4" Wrap BP 2L 32W T8 BB	1	59	520	RT, 4" 10.5W DE LED 2L BB	1	21	520	-	0	0.1	0.0	0.0	31	11	20	0%	0
642	Weiser State Forest	1st Floor	RMC	Locker Room	Locker-room	2X4 Prism Rec 2L 32W T8	2	59	3300	RT, 4" 10.5W DE LED 2L	2	21	3300	-	0	0.1	0.0	0.1	389	139	251	25%	0
643	Weiser State Forest	1st Floor	RMC	Private Restroom 1	Restroom (Private)	2X4 Volumetric Rec 2L 32W T8 Flanged	1	59	750	RT, 4" 10.5W DE LED 2L	1	21	750	-	0	0.1	0.0	0.0	44	16	29	25%	0
644	Weiser State Forest	1st Floor	RMC	Private Restroom 2	Restroom (Private)	2X4 Volumetric Rec 2L 32W T8 Flanged	1	59	750	RT, 4" 10.5W DE LED 2L	1	21	750	-	0	0.1	0.0	0.0	44	16	29	25%	0
645	Weiser State Forest	1st Floor	RMC	Mechanical Room	Mechanical/Electrical Room	4" Wrap BP 2L 32W T8	3	59	520	RT, 4" 10.5W DE LED 2L	3	21	520	-	0	0.2	0.1	0.1	92	33	59	0%	0
646	Weiser State Forest	1st Floor	RMC	Mechanical Room	Mechanical/Electrical Room	4" Wrap BP 2L 32W T8 BB	1	59	520	RT, 4" 10.5W DE LED 2L BB	1	21	520	-	0	0.1	0.0	0.0	31	11	20	0%	0
647	Weiser State Forest	1st Floor	RMC	Private Office 4	Restroom (Private)	2X4 Volumetric Rec 2L 32W T8	2	59	750	RT, 4" 10.5W DE LED 2L	2	21	750	-	0	0.1	0.0	0.1	89	32	57	25%	0
648	Weiser State Forest	1st Floor	RMC	Copy Room	Open Office	2X4 Volumetric Rec 2L 32W T8	3	59	2625	RT, 4" 10.5W DE LED 2L	3	21	2625	-	0	0.2	0.1	0.1	465	165	299	25%	0
649	Weiser State Forest	1st Floor	RMC	Conference Room	Conference Room	2X2 Volumetric Rec 2L T8 Dim	6	31	2500	RB/RL, D, 2" LED 2L	6	18	2500	-	0	0.2	0.1	0.1	465	270	195	0%	0
650	Weiser State Forest	1st Floor	RMC	Conference Room	Conference Room	2X4 Volumetric Rec 2L 32W T8 Dim	2	59	2500	RB/RL, D, 4" LED 2L	2	23	2500	-	0	0.1	0.0	0.1	295	115	180	0%	0
651	Weiser State Forest	Exterior	RMC	Front Canopy	Exterior - Switch	6" Rec Can LED 20W BB	2	20	1000	No Action - Existing Efficient/LED Fixture	2	20	1000	-	0	0.0	0.0	0.0	40	40	0	0%	0
652	Weiser State Forest	Exterior	RMC	West Door	Exterior - Dusk to Dawn	Wall Pack LED 25W	1	25	4368	No Action - Existing Efficient/LED Fixture	1	25	4368	-	0	0.0	0.0	0.0	109	109	0	25%	0
653	Weiser State Forest	Exterior	RMC	Break Room Door	Exterior - Dusk to Dawn	Wall Pack LED 25W	1	25	4368	No Action - Existing Efficient/LED Fixture	1	25	4368	-	0	0.0	0.0	0.0	109	109	0	25%	0
654	Weiser State Forest	Exterior	RMC	East Door	Exterior - Dusk to Dawn	Wall Pack LED 40W	1	40	4368	No Action - Existing Efficient/LED Fixture	1	40	4368	-	0	0.0	0.0	0.0	175	175	0	25%	0
655	Weiser State Forest	Exterior	RMC	Flag	Exterior - Dusk to Dawn	Existing LED Fixture	1	0	4368	No Action - Existing Efficient/LED Fixture	1	0	4368	-	0	0.0	0.0	0.0	0	0	0	25%	0
656	Weiser State Forest	Exterior	RMC	Fuel Pump	Exterior - Dusk to Dawn	Shoebx LED 200W	1	200	4368	No Action - Existing Efficient/LED Fixture	1	200	4368	-	0	0.0	0.0	0.0	874	874	0	25%	0
657	Weiser State Forest	Exterior	RMC	Fuel Pump	Exterior - Dusk to Dawn	Flood LED 167W	1	167	4368	No Action - Existing Efficient/LED Fixture	1	167	4368	-	0	0.0	0.0	0.0	729	729	0	25%	0
658	Weiser State Forest	Exterior	RMC	Parking Lot	Exterior - Dusk to Dawn	Shoebx LED 200W	2	200	4368	No Action - Existing Efficient/LED Fixture	2	200	4368	-	0	0.0	0.0	0.0	1,747	1,747	0	25%	0
659	Weiser State Forest	Exterior	RMC	Parking Lot	Exterior - Dusk to Dawn	Flood LED 167W	1	167	4368	No Action - Existing Efficient/LED Fixture	1	167	4368	-	0	0.0	0.0	0.0	729	729	0	25%	0
660	Weiser State Forest	1st Floor	RMC Garage	Hallway	Hallways and Common Areas	1x4 Prism Rec 1L 32W T8 Flanged	3	31	2983	RT, 4" 10.5W DE LED 1L	3	11	2983	-	0	0.1	0.0	0.1	277	94	183	25%	0
661	Weiser State Forest	1st Floor	RMC Garage	Hallway	Exit Signs/Night Lights	Exit Sign Combo LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
662	Weiser State Forest	1st Floor	RMC Garage	Break Room	Break Room	1x4 Prism Rec 1L 32W T8 Flanged	4	31	923	RT, 4" 10.5W DE LED 1L	4	11	923	-	0	0.1	0.0	0.1	114	39	76	25%	0
663	Weiser State Forest	1st Floor	RMC Garage	Break Room Range	Break Room	Range Hood CFL 13W 4P	2	15	1230	RT, LED 6W 2P G24D/QH	2	6	1230	-	0	0.0	0.0	0.0	37	15	22	25%	0
664	Weiser State Forest	1st Floor	RMC Garage	Private Office	Private Office	1x4 Prism Rec 1L 32W T8 Flanged	4	31	1875	RT, 4" 10.5W DE LED 1L	4	11	1875	-	0	0.1	0.0	0.1	233	79	154	25%	0
665	Weiser State Forest	1st Floor	RMC Garage	Locker-room	Locker-room	1x4 Prism Rec 1L 32W T8 Flanged	1	31															

704	Weiser State Forest	1st Floor	Roaring Creek Stone House	Dining Room	Dining Room	Drum Inc 75W A 2L	1	150	1121	LED 9W A19 Replacement 2L	1	19	1121	-	0	0.2	0.0	0.1	168	21	147	25%	0
705	Weiser State Forest	1st Floor	Roaring Creek Stone House	Dining Room Counter	Dining Hall	1x2 Prism Rec 2L	2	51	1121	RT, 2' 7W DE LED 2L	2	14	1121	-	0	0.1	0.0	0.1	114	31	83	25%	0
706	Weiser State Forest	1st Floor	Roaring Creek Stone House	Dining Room Counter	Dining Hall	2' Undercabinet 1L	1	26	1121	RT, 2' 7W DE LED 1L	1	7	1121	-	0	0.0	0.0	0.0	29	8	21	25%	0
707	Weiser State Forest	1st Floor	Roaring Creek Stone House	Dining Room Counter	Dining Hall	18" Undercabinet 1L T8	1	19	1121	RT, 18" 7W SE LED 1L	1	7	1121	-	0	0.0	0.0	0.0	21	8	13	25%	0
708	Weiser State Forest	1st Floor	Roaring Creek Stone House	Dining Room Counter	Dining Hall	3' Undercabinet 1L	1	38	1121	RT, 3' 12W DE LED 1L	1	12	1121	-	0	0.0	0.0	0.0	43	13	29	25%	0
709	Weiser State Forest	1st Floor	Roaring Creek Stone House	Covered Patio	Exterior - Switch	Lantern Inc 40W A	1	40	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	40	10	31	0%	0
710	Weiser State Forest	1st Floor	Roaring Creek Stone House	Covered Patio	Exterior - Switch	Lantern Inc 60W A	2	60	1000	LED 9W A19 Replacement	2	10	1000	-	0	0.0	0.0	0.0	120	19	101	0%	0
711	Weiser State Forest	1st Floor	Roaring Creek Stone House	Living Room	Residential	Chandelier Inc 40W C10 E12 6L	1	240	1000	LED 5.5W B11 E12 Replacement 6L	1	33	1000	-	0	0.2	0.0	0.2	240	33	207	25%	0
712	Weiser State Forest	1st Floor	Roaring Creek Stone House	Conference Room	Conference Room	4' Wrap BP 2L	6	72	2500	RT, 4' 10.5W DE LED 2L	6	21	2500	-	0	0.4	0.1	0.3	1,080	315	765	0%	0
713	Weiser State Forest	1st Floor	Roaring Creek Stone House	Open Office	Open Office	Chandelier Inc 60W A 2L	1	120	3500	LED 9W A19 Replacement 2L	1	19	3500	-	0	0.1	0.0	0.1	420	67	354	25%	0
714	Weiser State Forest	1st Floor	Roaring Creek Stone House	Storage Closet	Storage Room	Globe Inc 60W A	1	60	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	32	5	27	25%	0
715	Weiser State Forest	1st Floor	Roaring Creek Stone House	Display Case	Hallways and Common Areas	Rec Sq, Inc 60W A	1	60	3977	LED 9W A19 Replacement	1	10	3977	-	0	0.1	0.0	0.1	239	38	201	25%	0
716	Weiser State Forest	1st Floor	Roaring Creek Stone House	Hallway by Basement	Hallways and Common Areas	Wall Sconce CFL 23W Screw In	1	23	3977	LED 9W A19 Replacement	1	10	3977	-	0	0.0	0.0	0.0	91	38	54	25%	0
717	Weiser State Forest	1st Floor	Roaring Creek Stone House	Private Restroom	Residential	18" Undercabinet 1L T8	1	19	1000	RT, 18" 7W SE LED 1L	1	7	1000	-	0	0.0	0.0	0.0	19	7	12	25%	0
718	Weiser State Forest	1st Floor	Roaring Creek Stone House	Storage	Storage Room	Chandelier Inc 75W A	1	75	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	40	5	35	25%	0
719	Weiser State Forest	Basement	Roaring Creek Stone House	Basement	Storage Room	Keyless Inc 75W A	2	75	527	LED 9W A19 Replacement	2	10	527	-	0	0.2	0.0	0.1	79	10	69	25%	0
720	Weiser State Forest	Basement	Roaring Creek Stone House	Basement	Storage Room	Keyless CFL 23W Screw In	2	23	527	LED 9W A19 Replacement	2	10	527	-	0	0.0	0.0	0.0	24	10	14	25%	0
721	Weiser State Forest	Basement	Roaring Creek Stone House	Basement	Storage Room	Keyless Inc 60W A	1	60	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	32	5	27	25%	0
722	Weiser State Forest	Basement	Roaring Creek Stone House	Basement	Storage Room	8' Strip SP 2L	1	138	527	RT, 4' 10.5W DE LED 4L, 8' BC Kit	1	42	527	-	0	0.1	0.0	0.1	73	22	51	25%	0
723	Weiser State Forest	Basement	Roaring Creek Stone House	Basement	Storage Room	4' Wrap BP 2L	1	72	527	RT, 4' 10.5W DE LED 2L	1	21	527	-	0	0.1	0.0	0.1	38	11	27	25%	0
724	Weiser State Forest	1st Floor	Roaring Creek Stone House	Stairwell	Hallways and Common Areas	Drum Inc 60W A	1	60	3977	LED 9W A19 Replacement	1	10	3977	-	0	0.1	0.0	0.1	239	38	201	25%	0
725	Weiser State Forest	1st Floor	Roaring Creek Stone House	Display Case	Hallways and Common Areas	Rec Sq, Inc 60W A	1	60	3977	LED 9W A19 Replacement	1	10	3977	-	0	0.1	0.0	0.1	239	38	201	25%	0
726	Weiser State Forest	2nd Floor	Roaring Creek Stone House	Hallway	Hallways and Common Areas	Drum Inc 60W A	2	60	3977	LED 9W A19 Replacement	2	10	3977	-	0	0.1	0.0	0.1	477	76	402	25%	0
727	Weiser State Forest	2nd Floor	Roaring Creek Stone House	Bedroom 1	Residential	Track Head Inc 60W A	2	60	1000	LED 10W PAR30 Replacement	2	10	1000	-	0	0.1	0.0	0.1	120	20	100	25%	0
728	Weiser State Forest	2nd Floor	Roaring Creek Stone House	Bedroom 2 Closet	Storage Room	Keyless Inc 60W A	1	60	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	32	5	27	25%	0
729	Weiser State Forest	2nd Floor	Roaring Creek Stone House	Private Restroom	Residential	Vanity Inc 60W A	2	60	1000	LED 9W A19 Replacement	2	10	1000	-	0	0.1	0.0	0.1	120	19	101	25%	0
730	Weiser State Forest	2nd Floor	Roaring Creek Stone House	Private Restroom	Residential	8" Rec Sq, Inc 60W A	1	60	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.1	0.0	0.1	60	10	51	25%	0
731	Weiser State Forest	2nd Floor	Roaring Creek Stone House	Hallway Closet	Storage Room	Keyless Inc 60W A	1	60	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	32	5	27	25%	0
732	Weiser State Forest	2nd Floor	Roaring Creek Stone House	Private Restroom	Residential	Vanity Inc 25W A	1	25	1000	LED 6W A19 Replacement	1	6	1000	-	0	0.0	0.0	0.0	25	6	19	25%	0
733	Weiser State Forest	2nd Floor	Roaring Creek Stone House	Private Restroom	Residential	Vanity Empty E26	1	0	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	0	10	-10	25%	0
734	Weiser State Forest	2nd Floor	Roaring Creek Stone House	Bedroom 3 Closet	Storage Room	Keyless Inc 60W A	1	60	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	32	5	27	25%	0
735	Weiser State Forest	2nd Floor	Roaring Creek Stone House	Bedroom 4 Closet	Storage Room	Keyless Inc 60W A	1	60	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	32	5	27	25%	0
736	Weiser State Forest	3rd Floor	Roaring Creek Stone House	Stairwell	Hallways and Common Areas	Drum Inc 60W A	1	60	3977	LED 9W A19 Replacement	1	10	3977	-	0	0.1	0.0	0.1	239	38	201	25%	0
737	Weiser State Forest	3rd Floor	Roaring Creek Stone House	Open Area	Hallways and Common Areas	Drum Inc 60W A	1	60	3977	LED 9W A19 Replacement	1	10	3977	-	0	0.1	0.0	0.1	239	38	201	25%	0
738	Weiser State Forest	3rd Floor	Roaring Creek Stone House	Bedroom 1	Residential	Drum Inc 60W A 3L	1	180	1000	LED 9W A19 Replacement 3L	1	29	1000	-	0	0.2	0.0	0.2	180	29	152	25%	0
739	Weiser State Forest	3rd Floor	Roaring Creek Stone House	Bedroom 2	Residential	Drum Inc 100W A 3L	1	300	1000	LED 9W A19 Replacement 3L	1	29	1000	-	0	0.3	0.0	0.3	300	29	272	25%	0
740	Weiser State Forest	3rd Floor	Roaring Creek Stone House	Closet	Storage Room	Keyless Empty E26	1	0	527	LED 9W A19 Replacement	1	10	527	-	0	0.0	0.0	0.0	0	5	-5	25%	0
741	Weiser State Forest	3rd Floor	Roaring Creek Stone House	Attic Space	Storage Room	Keyless Inc 100W A	1	100	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	53	5	48	25%	0
742	Weiser State Forest	3rd Floor	Roaring Creek Stone House	Bedroom 3	Residential	Drum Inc 100W A 4L	1	400	1000	LED 9W A19 Replacement 4L	1	38	1000	-	0	0.4	0.0	0.4	400	38	362	25%	0
743	Weiser State Forest	3rd Floor	Roaring Creek Stone House	Private Restroom	Residential	Vanity Inc 60W A	1	60	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.1	0.0	0.1	60	10	51	25%	0
744	Weiser State Forest	3rd Floor	Roaring Creek Stone House	Closet	Storage Room	Keyless Inc 60W A	1	60	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	32	5	27	25%	0
745	Weiser State Forest	Exterior	Roaring Creek Stone House	Wood Storage	Storage Room	Keyless Empty E26	1	0	527	LED 9W A19 Replacement	1	10	527	-	0	0.0	0.0	0.0	0	5	-5	25%	0
746	Weiser State Forest	Exterior	Roaring Creek Stone House	Door	Exterior - Switch	Lantern Inc 60W A	1	60	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	60	10	51	0%	0
747	Weiser State Forest	Exterior	Roaring Creek Stone House	Covered Patio	Exterior - Switch	Flood Hal 150 PAR38 2L	1	300	1000	LED 13W PAR38 Replacement 2L	1	26	1000	-	0	0.0	0.0	0.0	300	26	274	0%	0
748	Weiser State Forest	Exterior	Roaring Creek Stone House	Corner	Exterior - Switch	Flood Hal 150 PAR38	1	150	1000	LED 13W PAR38 Replacement	1	13	1000	-	0	0.0	0.0	0.0	150	13	137	0%	0
749	Weiser State Forest	1st Floor	Penn Forest Fire Control Station	Hallway	Hallways and Common Areas	4' Wrap BP 2L	3	72	3977	RT, 4' 10.5W DE LED 2L	3	21	3977	-	0	0.2	0.1	0.2	850	13	137	0%	0
750	Weiser State Forest	1st Floor	Penn Forest Fire Control Station	Hallway	Exit Signs/Night Lights	Exit Sign Paper	3	0	8760	No Action	3	0	8760	-	0	0.0	0.0	0.0	0	0	0	0%	0
751	Weiser State Forest	1st Floor	Penn Forest Fire Control Station	Hallway	Exit Signs/Night Lights	Need to Add Exit Combo	2	0	8760	No Action	2	0	8760	-	0	0.0	0.0	0.0	0	0	0	0%	0
752	Weiser State Forest	1st Floor	Penn Forest Fire Control Station	Private Restroom	Restroom (Private)	4' Wrap BP 2L	1	72	1000	RT, 4' 10.5W DE LED 2L	1	21	1000	-	0	0.1	0.0	0.1	72	21	51	25%	0
753	Weiser State Forest	1st Floor	Penn Forest Fire Control Station	Private Restroom	Restroom (Private)	2' Wall Bracket 2L T8	1	33	1000	RT, 2' 7W DE LED 2L	1	14	1000	-	0	0.0	0.0	0.0	33	14	19	25%	0
754	Weiser State Forest	1st Floor	Penn Forest Fire Control Station	Boiler Room	Mechanical/Electrical Room	Keyless Hal 75W PAR38	1	75	520	LED 9W A19 Replacement	1	10	520	-	0	0.1	0.0	0.1	39	5	34	0%	0
755	Weiser State Forest	1st Floor	Penn Forest Fire Control Station	Boiler Room	Mechanical/Electrical Room	Keyless Inc 100W A	1	100	520	LED 9W A19 Replacement	1	10	520	-	0	0.1	0.0	0.1	52	5	47	0%	0
756	Weiser State Forest	1st Floor	Penn Forest Fire Control Station	Private Office	Private Office	4' Wrap BP 4L DS	4	144	2500	RT, 4' 10.5W DE LED 4L	4	42	2500	-	0	0.6	0.2	0.4	1,440	420	1,020	25%	0
757	Weiser State Forest	1st Floor	Penn Forest Fire Control Station	Open Office	Open Office	4' Wrap BP 4L DS	8	144	3500	RT, 4' 10.5W DE LED 4L	8	42	3500	-	0	1.2	0.3	0.8	4,032	1,176	2,856	25%	0
758	Weiser State Forest	1st Floor	Penn Forest Fire Control Station	Tool Storage	Storage Room	4' Wrap BP 2L	3	72	527	RT, 4' 10.5W DE LED 2L	3	21	527	-	0	0.2	0.1	0.2	114	33	81	25%	0
759	Weiser State Forest	1st Floor	Penn Forest Fire Control Station	Tool Storage	Storage Room	4' Industrial BP 2L	1	72	527	RT, 4' 10.5W DE LED 2L	1	21	527	-	0	0.1	0.0	0.1	38	11	27	25%	0
760	Weiser State Forest	1st Floor	Penn Forest Fire Control Station	Garage Bays	Maintenance & Garages	4' Industrial BP 2L	10	72	2350	RT, 4' 10.5W DE LED 2L	10	21	2350	-	0	0.7	0.2	0.5	1,692	493	1,198	25%	0
761	Weiser State Forest	1st Floor	Penn Forest Fire Control Station	Garage Bays	Maintenance & Garages	4' Industrial BP 2L	10	72	2350	RT, 4' 10.5W DE LED 2L	10	21	2350	-	0	0.7	0.2	0.5	1,692	493	1,198	25%	0
762	Weiser State Forest	1st Floor	Penn Forest Fire Control Station	Garage Bays	Maintenance & Garages	Lantern Inc 50W A	1	50	2350	LED 9W A19 Replacement	1	10	2350	-	0	0.1	0.0	0.0	117	22	95	25%	0
763	Weiser State Forest	1st Floor	Penn Forest Fire Control Station	Garage Bays	Exit Signs/Night Lights	Need to Add Exit Combo	2	0	8760	No Action	2	0	8760	-	0	0.0	0.0	0.0	0	0	0	0%	0
764	Weiser State Forest	1st Floor	Penn Forest Fire Control Station	Garage Bays Workbench	Maintenance & Garages	8' Industrial BP 4L	2	144	2350	RT, 4' 10.5W DE LED 4L	2	42	2350	-	0	0.3	0.1	0.2	677	197	479	25%	0
765	Weiser State Forest	2nd Floor	Penn Forest Fire Control Station	Attic Space	Storage Room	Keyless Inc 60W A	6	60	527	LED 9W A19 Replacement	6	10	527	-	0	0.4	0.1	0.3	190	30	160	25%	0
766	Weiser State Forest	Exterior	Penn Forest Fire Control Station	Front Corners	Exterior - Switch	Flood Hal 150 PAR38 2L	2	300	1000	LED 13W PAR38 Replacement 2L	2	26	1000	-	0	0.0	0.0	0.0					

805	Weiser State Forest			BLDG 18G8	WOMENS RESTROOM	Comfort Stations & Secluded Restrooms	4' Wrap BP 2L 32W T8	6	59	4410	RT, 4' 10.5W DE LED 2L	6	21	4410	-	0	0.4	0.1	0.2	1,561	556	1,006	0%	0
806	Weiser State Forest			BLDG 18G8	EXTERIOR	Exterior - Dusk to Dawn	Wall Pack CFL 4.2W 4P	3	48	4368	Wall Pack LED CO 1.8 kLm	3	14	4368	-	0	0.0	0.0	0.0	629	183	446	25%	0
807	Weiser State Forest			BLDG 18-D-10	FIRE TOWER	Storage Room	RLM CFL 23W Screw In	6	23	527	LED 9W A19 Replacement	6	10	527	-	0	0.1	0.1	0.1	73	30	43	25%	0
808	Weiser State Forest			BOAT SHED	SHED	Storage Room	RLM CFL 23W Screw In	2	23	527	LED 9W A19 Replacement	2	10	527	-	0	0.0	0.0	0.0	24	10	14	25%	0
809	Nescopeck State Park	1st Floor	Park Office		Vestibule	Hallways and Common Areas	8' Direct/Indirect BP 6L 32W T8	1	175	3977	RT, 4' 18.5W DE LED 6L	1	111	3977	-	0	0.2	0.1	0.1	696	441	255	25%	0
810	Nescopeck State Park	1st Floor	Park Office		Main Lobby	Hallways and Common Areas	10" Rec Can CFL 32W 4P	30	34	3977	RC LED Retrofit Kit 3200 Lm 9.5" Adj. 2000 Lm	30	17	3977	-	0	1.0	0.5	0.5	4,057	2,028	2,028	25%	0
811	Nescopeck State Park	1st Floor	Park Office		Main Lobby	Hallways and Common Areas	Track Head Hal 75W PAR38	48	75	3977	LED 13W PAR38 Replacement	48	13	3977	-	0	3.6	0.6	3.0	14,317	2,482	11,836	25%	0
812	Nescopeck State Park	1st Floor	Park Office		Main Lobby	Hallways and Common Areas	4' Wall Wash BP 2L 32W T8	4	59	3977	RT, 4' 10.5W DE LED 2L	4	21	3977	-	0	0.2	0.1	0.2	939	334	605	25%	0
813	Nescopeck State Park	1st Floor	Park Office		Main Lobby	Hallways and Common Areas	RLM CFL 20W Screw In	2	20	3977	LED 9W A19 Replacement	2	10	3977	-	0	0.0	0.0	0.0	159	76	84	25%	0
814	Nescopeck State Park	1st Floor	Park Office		Main Lobby	Exit Signs/Night Lights	Exit Sign LED	2	3	8760	No Action - Existing Efficient/LED Fixture	2	3	8760	-	0	0.0	0.0	0.0	53	53	0	0%	0
815	Nescopeck State Park	1st Floor	Park Office		Data Closet	Mechanical/Electrical Room	4' Wrap BP 2L 32W T8	2	59	520	RT, 4' 10.5W DE LED 2L	2	21	520	-	0	0.1	0.0	0.1	61	22	40	0%	0
816	Nescopeck State Park	1st Floor	Park Office		Hallway	Hallways and Common Areas	2X2 Volumetric Rec 2L FT40	3	72	3977	RT, LED 17W 4P 2G11 2L	3	34	3977	-	0	0.2	0.1	0.1	859	406	453	25%	0
817	Nescopeck State Park	1st Floor	Park Office		Hallway	Hallways and Common Areas	2X2 Volumetric Rec 2L FT40 BB	3	72	3977	RT, LED 17W 4P 2G11 2L BB	3	34	3977	-	0	0.2	0.1	0.1	859	406	453	25%	0
818	Nescopeck State Park	1st Floor	Park Office		Hallway	Hallways and Common Areas	2X2 Volumetric Sur 2L FT40	1	72	3977	RT, LED 17W 4P 2G11 2L	1	34	3977	-	0	0.1	0.0	0.0	286	135	151	25%	0
819	Nescopeck State Park	1st Floor	Park Office		Hallway	Exit Signs/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
820	Nescopeck State Park	1st Floor	Park Office		Office 1	Private Office	2X2 Volumetric Rec 3L FT40 DS	4	102	2500	RT, LED 17W 4P 2G11 3L	4	51	2500	-	0	0.4	0.2	0.2	1,020	510	510	25%	0
821	Nescopeck State Park	1st Floor	Park Office		Copy Room	Open Office	2X2 Volumetric Rec 2L FT40	2	72	3500	RT, LED 17W 4P 2G11 2L	2	34	3500	-	0	0.1	0.1	0.1	504	238	266	25%	0
822	Nescopeck State Park	1st Floor	Park Office		Office 2	Private Office	2X2 Volumetric Rec 3L FT40 DS	4	102	2500	RT, LED 17W 4P 2G11 3L	4	51	2500	-	0	0.4	0.2	0.2	1,020	510	510	25%	0
823	Nescopeck State Park	1st Floor	Park Office		Office 3	Private Office	2X2 Volumetric Rec 3L FT40 DS	4	102	2500	RT, LED 17W 4P 2G11 3L	4	51	2500	-	0	0.4	0.2	0.2	1,020	510	510	25%	0
824	Nescopeck State Park	1st Floor	Park Office		Office 4	Private Office	2X2 Volumetric Rec 3L FT40 DS	4	102	2500	RT, LED 17W 4P 2G11 3L	4	51	2500	-	0	0.4	0.2	0.2	1,020	510	510	25%	0
825	Nescopeck State Park	1st Floor	Park Office		Office 5	Private Office	2X2 Volumetric Rec 3L FT40 DS	4	102	2500	RT, LED 17W 4P 2G11 3L	4	51	2500	-	0	0.4	0.2	0.2	1,020	510	510	25%	0
826	Nescopeck State Park	1st Floor	Park Office		Private Restroom	Restroom (Private)	8" Rec Can CFL 26W 4P 2L	1	50	1000	RC LED Retrofit Kit 2000 Lm 8" Adj. 1500 Lm	1	12	1000	-	0	0.1	0.0	0.0	50	12	38	25%	0
827	Nescopeck State Park	1st Floor	Park Office		Private Restroom	Restroom (Private)	2' Wall Bracket 2L T8	1	33	1000	RT, 2' 7W DE LED 2L	1	14	1000	-	0	0.0	0.0	0.0	33	14	19	25%	0
828	Nescopeck State Park	1st Floor	Park Office		Break Room	2X2 Volumetric Rec 3L FT40 DS	4	102	1230	RT, LED 17W 4P 2G11 3L	4	51	1230	-	0	0.4	0.2	0.2	502	251	251	25%	0	
829	Nescopeck State Park	1st Floor	Park Office		Break Room	Break Room	4' Undercabinet BP 1L 32W T8	1	31	1230	RT, 4' 10.5W DE LED 1L	1	11	1230	-	0	0.0	0.0	0.0	38	13	25	25%	0
830	Nescopeck State Park	1st Floor	Park Office		Storage Closet	Storage Room	2x2 Prism Rec 2L FT40	1	72	527	RT, LED 17W 4P 2G11 2L	1	34	527	-	0	0.1	0.0	0.0	38	18	20	25%	0
831	Nescopeck State Park	1st Floor	Park Office		Office 6	Private Office	2X2 Volumetric Rec 3L FT40 DS	4	102	2500	RT, LED 17W 4P 2G11 3L	4	51	2500	-	0	0.4	0.2	0.2	1,020	510	510	25%	0
832	Nescopeck State Park	1st Floor	Park Office		Storage 1	Storage Room	2x2 Prism Rec 2L FT40	2	72	527	RT, LED 17W 4P 2G11 2L	2	34	527	-	0	0.1	0.1	0.1	76	36	40	25%	0
833	Nescopeck State Park	1st Floor	Park Office		Storage 2	Storage Room	2x2 Prism Rec 2L FT40	1	72	527	RT, LED 17W 4P 2G11 2L	1	34	527	-	0	0.1	0.0	0.0	38	18	20	25%	0
834	Nescopeck State Park	2nd Floor	Park Office		Attic Space	Mechanical/Electrical Room	4' Industrial BP 2L 32W T8	3	59	520	RT, 4' 10.5W DE LED 2L	3	21	520	-	0	0.2	0.1	0.1	92	33	59	0%	0
835	Nescopeck State Park	1st Floor	Park Office		Back Entrance Lobby	Hallways and Common Areas	8' Direct/Indirect BP 6L 32W T8	2	175	3977	RT, 4' 18.5W DE LED 6L	2	111	3977	-	0	0.4	0.2	0.2	1,392	883	509	25%	0
836	Nescopeck State Park	1st Floor	Park Office		Back Entrance Lobby	Hallways and Common Areas	8" Rec Can CFL 26W 4P 2L	2	50	3977	RC LED Retrofit Kit 2000 Lm 8" Adj. 1500 Lm	2	12	3977	-	0	0.1	0.0	0.1	398	95	302	25%	0
837	Nescopeck State Park	1st Floor	Park Office		Back Entrance Lobby	Exit Signs/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
838	Nescopeck State Park	1st Floor	Park Office		Mens Restroom	Restroom	8" Rec Can CFL 26W 4P 2L	1	50	3500	RC LED Retrofit Kit 2000 Lm 8" Adj. 1500 Lm	1	12	3500	-	0	0.1	0.0	0.0	175	42	133	25%	0
839	Nescopeck State Park	1st Floor	Park Office		Mens Restroom	Restroom	3' Cove 2L T8	3	46	3500	RT, 3' 12W DE LED 2L	3	24	3500	-	0	0.1	0.1	0.1	483	252	231	25%	0
840	Nescopeck State Park	1st Floor	Park Office		Mens Restroom	Restroom	4' Wall Bracket BP 2L 32W T8	1	59	3500	RT, 4' 10.5W DE LED 2L	1	21	3500	-	0	0.1	0.0	0.0	207	74	133	25%	0
841	Nescopeck State Park	1st Floor	Park Office		Janitors Closet	Storage Room	4' Industrial BP 2L 32W T8	2	59	527	RT, 4' 10.5W DE LED 2L	2	21	527	-	0	0.1	0.0	0.1	62	22	40	25%	0
842	Nescopeck State Park	1st Floor	Park Office		Womens Restroom	Restroom	8" Rec Can CFL 26W 4P 2L	1	50	3500	RC LED Retrofit Kit 2000 Lm 8" Adj. 1500 Lm	1	12	3500	-	0	0.1	0.0	0.0	175	42	133	25%	0
843	Nescopeck State Park	1st Floor	Park Office		Womens Restroom	Restroom	3' Cove 2L T8	3	46	3500	RT, 3' 12W DE LED 2L	3	24	3500	-	0	0.1	0.1	0.1	483	252	231	25%	0
844	Nescopeck State Park	1st Floor	Park Office		Womens Restroom	Restroom	4' Wall Bracket BP 2L 32W T8	1	59	3500	RT, 4' 10.5W DE LED 2L	1	21	3500	-	0	0.1	0.0	0.0	207	74	133	25%	0
845	Nescopeck State Park	1st Floor	Park Office		Hallway to Multipurpose Room	Hallways and Common Areas	8" Rec Can CFL 26W 4P 2L	2	50	3977	RC LED Retrofit Kit 2000 Lm 8" Adj. 1500 Lm	2	12	3977	-	0	0.1	0.0	0.1	398	95	302	25%	0
846	Nescopeck State Park	1st Floor	Park Office		Hallway to Multipurpose Room	Exit Signs/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
847	Nescopeck State Park	1st Floor	Park Office		Storage 1	Storage Room	4' Wrap BP 2L 32W T8	2	59	527	RT, 4' 10.5W DE LED 2L	2	21	527	-	0	0.1	0.0	0.1	62	22	40	25%	0
848	Nescopeck State Park	1st Floor	Park Office		Storage 2	Storage Room	4' Wrap BP 2L 32W T8	2	59	527	RT, 4' 10.5W DE LED 2L	2	21	527	-	0	0.1	0.0	0.1	62	22	40	25%	0
849	Nescopeck State Park	1st Floor	Park Office		Multipurpose Room	Open Office	4' Schoolhouse BP 2L 32W T8	20	59	3500	RT, 4' 10.5W DE LED 2L	20	21	3500	-	0	1.2	0.4	0.8	4,130	1,470	2,660	25%	0
850	Nescopeck State Park	1st Floor	Park Office		Multipurpose Room	Open Office	4' Wall Wash BP 2L 32W T8	2	59	3500	RT, 4' 10.5W DE LED 2L	2	21	3500	-	0	0.1	0.0	0.1	413	147	266	25%	0
851	Nescopeck State Park	1st Floor	Park Office		Multipurpose Room	Exit Signs/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
852	Nescopeck State Park	Exterior	Park Office		Front Entrance	Exterior - Switch	3" Rec Can Hal 50W R20	1	50	1000	LED 7.5W R20 Replacement	1	8	1000	-	0	0.0	0.0	0.0	50	8	43	0%	0
853	Nescopeck State Park	Exterior	Park Office		Side Door	Exterior - Switch	Decorative CFL 32W 4P	1	62	1000	RT, LED 8W 2P G24/Q Omni	1	8	1000	-	0	0.0	0.0	0.0	62	8	54	0%	0
854	Nescopeck State Park	Exterior	Park Office		Sign	Exterior - Switch	Decorative Hal 65W PAR30	4	65	1000	LED 10W PAR30 Replacement	4	10	1000	-	0	0.0	0.0	0.0	260	40	220	0%	0
855	Nescopeck State Park	Exterior	Park Office		Back Entrance	Exterior - Switch	3" Rec Can Hal 50W R20	1	50	1000	LED 7.5W R20 Replacement	1	8	1000	-	0	0.0	0.0	0.0	50	8	43	0%	0
856	Nescopeck State Park	Exterior	Park Office		Multipurpose Door	Exterior - Switch	Decorative CFL 32W 4P	2	62	1000	RT, LED 8W 2P G24/Q Omni	2	8	1000	-	0	0.0	0.0	0.0	124	16	108	0%	0
857	Nescopeck State Park	Exterior	Park Office		Flag	Exterior - Dusk to Dawn	Existing LED Fixture	1	0	4368	No Action - Existing Efficient/LED Fixture	1	0	4368	-	0	0.0	0.0	0.0	0	0	0	25%	0
858	Nescopeck State Park	Exterior	Park Office		Back Walkway	Exterior - Dusk to Dawn	Bollard Inc 60W A	7	60	4368	LED 9W A19 Replacement	7	10	4368	-	0	0.0	0.0	0.0	1,835	290	1,544	25%	0
859	Nescopeck State Park	Exterior	Park Office		Bridge	Exterior - Switch	Wall Pack HPS 50W	9	66	1000	Wall Pack LED SEC 2.5 kLm PC	9	20	1000	-	0	0.0	0.0	0.0	594	180	414	0%	0
860	Nescopeck State Park	Exterior	Park Office		Office Parking Lot	Exterior - Dusk to Dawn	Shoebx MH 175W	1	215	4368	Area LED 9.8 kLm	1	70	4368	-	0	0.0	0.0	0.0	939	306	633	25%	0
861	Nescopeck State Park	Exterior	Park Office		Visitor Parking Lot	Exterior - Dusk to Dawn	Shoebx MH 175W	1	215	4368	Area LED 9.8 kLm	1	70	4368	-	0	0.0	0.0	0.0	939	306	633	25%	0
862	Nescopeck State Park	1st Floor	Well House		Water Treatment	Mechanical/Electrical Room	4' Industrial BP 2L 32W T8	2	59	520	RT, 4' 10.5W DE LED 2L	2	21	520	-	0	0.1	0.0	0.1	61	22	40	0%	0
863	Nescopeck State Park	Exterior	Well House		Soft	Exterior - Switch	3" Rec Can Hal 50W R20	1	50	1000	LED 7.5W R20 Replacement	1	8	1000	-	0	0.0	0.0	0.0	50	8	43	0%	0
864	Nescopeck State Park	1st Floor	Maintenance Garage		Bay 1</																			



906	Nescopeck State Park		NSP POM Residence	BASEMENT	Residential	Keyless LED 9W A	5	9	1000	LED 9W A19 Replacement	5	10	1000	-	0	0.0	0.0	0.0	45	48	-3	25%	0
907	Nescopeck State Park		NSP POM Residence	BASEMENT	Residential	4" Vaportight BP 2L	1	72	1000	RT, 4' 10.5W DE LED 2L	1	21	1000	-	0	0.1	0.0	0.1	72	21	51	25%	0
908	Nescopeck State Park		NSP POM Residence	BASEMENT	Residential	2" Undercabinet 1L	3	26	1000	RT, 2' 7W DE LED 1L	3	7	1000	-	0	0.1	0.0	0.1	78	21	57	25%	0
909	Nescopeck State Park		NSP POM Residence	GARAGE	Residential	Keyless LED 9W A	4	9	1000	LED 9W A19 Replacement	4	10	1000	-	0	0.0	0.0	0.0	36	38	-2	25%	0
910	Nescopeck State Park		NSP POM Residence	GARAGE	Residential	Flood LED 17W PAR38 2L	2	34	1000	LED 13W PAR38 Replacement 2L	2	26	1000	-	0	0.1	0.1	0.0	68	52	16	25%	0
911	Nescopeck State Park	EXTERIOR	NSP POM Residence	MANAGER RESIDENCE	Exterior - Switch	Lantern Inc 60W A	1	60	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	60	10	51	0%	0
912	Nescopeck State Park	EXTERIOR	NSP POM Residence	MANAGER RESIDENCE	Exterior - Switch	Lantern LED 9W A	2	9	1000	LED 9W A19 Replacement	2	10	1000	-	0	0.0	0.0	0.0	18	19	-1	0%	0
913	Nescopeck State Park	EXTERIOR	NSP POM Residence	MANAGER RESIDENCE	Exterior - Switch	Wall Pack LED 9W A	1	9	1000	Wall Pack LED SEC 2.5 klm PC	1	20	1000	-	0	0.0	0.0	0.0	9	20	-11	0%	0
914	Nescopeck State Park	EXTERIOR	NSP POM Residence	MANAGER RESIDENCE	Exterior - Switch	6" Rec Can CFL 13W Screw In	2	13	1000	LED 9W A19 Replacement	2	10	1000	-	0	0.0	0.0	0.0	26	19	7	0%	0
915	Nescopeck State Park		NSP APM Residence	KITCHEN	Residential	4" Rec Can CFL 13W Screw In	2	13	1000	LED 9W A19 Replacement	2	10	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
916	Nescopeck State Park		NSP APM Residence	KITCHEN	Residential	4" Wrap BP 2L	2	72	1000	RT, 4' 10.5W DE LED 2L	2	21	1000	-	0	0.1	0.0	0.1	144	42	102	25%	0
917	Nescopeck State Park		NSP APM Residence	DINING ROOM	Residential	Ceiling Fan CFL 13W Screw In	1	13	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	13	10	4	25%	0
918	Nescopeck State Park		NSP APM Residence	FAMILY ROOM	Residential	Ceiling Fan CFL 13W Screw In	1	13	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	13	10	4	25%	0
919	Nescopeck State Park		NSP APM Residence	BEDROOM	Residential	Drum CFL 13W Screw In 2L	1	26	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
920	Nescopeck State Park		NSP APM Residence	HALLWAY	Residential	Drum CFL 13W Screw In 2L	1	26	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
921	Nescopeck State Park		NSP APM Residence	BATH ROOM	Residential	Ceiling Fan CFL 13W Screw In	1	13	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	13	10	4	25%	0
922	Nescopeck State Park		NSP APM Residence	BATH ROOM	Residential	Vanity Inc 25W C10 E12 5L	1	125	1000	LED 5.5W B11 E12 Replacement 5L	1	28	1000	-	0	0.1	0.0	0.1	125	28	98	25%	0
923	Nescopeck State Park		NSP APM Residence	BEDROOM	Residential	Drum CFL 13W Screw In 2L	1	26	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
924	Nescopeck State Park		NSP APM Residence	BEDROOM	Residential	Drum CFL 13W Screw In 2L	1	26	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
925	Nescopeck State Park		NSP APM Residence	ATTIC	Residential	Keyless Inc 100W A	1	100	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.1	0.0	0.1	100	10	91	25%	0
926	Nescopeck State Park		NSP APM Residence	BASEMENT	Residential	Keyless LED 9W A	2	9	1000	LED 9W A19 Replacement	2	10	1000	-	0	0.0	0.0	0.0	18	19	-1	25%	0
927	Nescopeck State Park		NSP APM Residence	WASH ROOM	Residential	6" Rec Can LED 12W	4	12	1000	No Action - Existing Efficient/LED Fixture	4	12	1000	-	0	0.0	0.0	0.0	48	48	0	25%	0
928	Nescopeck State Park		NSP APM Residence	1ST BATH ROOM	Residential	6" Rec Can LED 12W	2	12	1000	No Action - Existing Efficient/LED Fixture	2	12	1000	-	0	0.0	0.0	0.0	24	24	0	25%	0
929	Nescopeck State Park		NSP APM Residence	1ST BATH ROOM	Residential	Ceiling Fan LED 9W A	1	9	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	9	10	-1	25%	0
930	Nescopeck State Park		NSP APM Residence	1ST BATH ROOM	Residential	Vanity LED 5W G25 4L	1	20	1000	LED 6W G25 E26 Replacement 5L	1	30	1000	-	0	0.0	0.0	0.0	20	30	-10	25%	0
931	Nescopeck State Park		NSP APM Residence	1ST BEDROOM MASTER	Residential	Ceiling Fan LED 5W C10 2L	1	10	1000	LED 5.5W B11 E12 Replacement 2L	1	11	1000	-	0	0.0	0.0	0.0	10	11	-1	25%	0
932	Nescopeck State Park	EXTERIOR	NSP APM Residence	PARK RESIDENCE	Exterior - Switch	Jelly Jar CFL 13W Screw In	1	13	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	13	10	4	0%	0
933	Nescopeck State Park	EXTERIOR	NSP APM Residence	PARK RESIDENCE	Exterior - Switch	Lantern Inc 60W A	1	60	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	60	10	51	0%	0
934	Nescopeck State Park		NSP ARM Residence	WASH ROOM	Residential	Wall Pack LED 31W	1	31	1000	No Action - Existing Efficient/LED Fixture	1	31	1000	-	0	0.0	0.0	0.0	31	31	0	25%	0
935	Nescopeck State Park		NSP ARM Residence	KITCHEN	Residential	6" Rec Can LED 12W	6	12	1000	No Action - Existing Efficient/LED Fixture	6	12	1000	-	0	0.1	0.1	0.0	72	72	0	25%	0
936	Nescopeck State Park		NSP ARM Residence	DINING ROOM	Residential	Ceiling Fan LED 9W A 4L	1	36	1000	LED 9W A19 Replacement 4L	1	38	1000	-	0	0.0	0.0	0.0	36	38	-2	25%	0
937	Nescopeck State Park		NSP ARM Residence	LIVING ROOM	Residential	Ceiling Fan LED 9W A 4L	1	36	1000	LED 9W A19 Replacement 4L	1	38	1000	-	0	0.0	0.0	0.0	36	38	-2	25%	0
938	Nescopeck State Park		NSP ARM Residence	FAMILY ROOM	Residential	Drum CFL 13W Screw In 2L	2	26	1000	LED 9W A19 Replacement 2L	2	19	1000	-	0	0.1	0.0	0.0	52	38	14	25%	0
939	Nescopeck State Park		NSP ARM Residence	FAMILY ROOM	Residential	Drum LED 20W	2	20	1000	No Action - Existing Efficient/LED Fixture	2	20	1000	-	0	0.0	0.0	0.0	40	40	0	25%	0
940	Nescopeck State Park		NSP ARM Residence	RESTROOM	Residential	Drum CFL 13W Screw In 2L	1	26	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
941	Nescopeck State Park		NSP ARM Residence	STAIR	Residential	Drum LED 20W	2	20	1000	No Action - Existing Efficient/LED Fixture	2	20	1000	-	0	0.0	0.0	0.0	40	40	0	25%	0
942	Nescopeck State Park		NSP ARM Residence	MASTER	Residential	Ceiling Fan LED 9W A 4L	1	36	1000	LED 9W A19 Replacement 4L	1	38	1000	-	0	0.0	0.0	0.0	36	38	-2	25%	0
943	Nescopeck State Park		NSP ARM Residence	BEDROOM	Residential	Drum LED 20W	1	20	1000	No Action - Existing Efficient/LED Fixture	1	20	1000	-	0	0.0	0.0	0.0	20	20	0	25%	0
944	Nescopeck State Park		NSP ARM Residence	BEDROOM	Residential	Drum LED 9W A	1	9	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	9	10	-1	25%	0
945	Nescopeck State Park		NSP ARM Residence	BEDROOM	Residential	Drum LED 20W	1	20	1000	No Action - Existing Efficient/LED Fixture	1	20	1000	-	0	0.0	0.0	0.0	20	20	0	25%	0
946	Nescopeck State Park		NSP ARM Residence	BATH ROOM	Residential	5" Rec Can LED 12W	4	12	1000	No Action - Existing Efficient/LED Fixture	4	12	1000	-	0	0.0	0.0	0.0	48	48	0	25%	0
947	Nescopeck State Park		NSP ARM Residence	BATH ROOM	Residential	Ceiling Fan LED 9W A	1	9	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	9	10	-1	25%	0
948	Nescopeck State Park		NSP ARM Residence	BATH ROOM CLOSET	Residential	2" Vanity 2L	1	51	1000	RT, 2' 7W DE LED 2L	1	14	1000	-	0	0.1	0.0	0.0	51	14	37	25%	0
949	Nescopeck State Park		NSP ARM Residence	ATTIC	Residential	Keyless Inc 100W A	2	100	1000	LED 9W A19 Replacement	2	10	1000	-	0	0.2	0.0	0.2	200	19	181	25%	0
950	Nescopeck State Park		NSP ARM Residence	BASEMENT	Residential	Keyless LED 9W A	5	9	1000	LED 9W A19 Replacement	5	10	1000	-	0	0.0	0.0	0.0	45	48	-3	25%	0
951	Nescopeck State Park		NSP ARM Residence	BASEMENT	Residential	4" Vaportight BP 2L	1	72	1000	RT, 4' 10.5W DE LED 2L	1	21	1000	-	0	0.1	0.0	0.1	72	21	51	25%	0
952	Nescopeck State Park		NSP ARM Residence	BASEMENT	Residential	2" Undercabinet 1L	3	26	1000	RT, 2' 7W DE LED 1L	3	7	1000	-	0	0.1	0.0	0.1	78	21	57	25%	0
953	Nescopeck State Park		NSP ARM Residence	GARAGE	Residential	Keyless LED 9W A	4	9	1000	LED 9W A19 Replacement	4	10	1000	-	0	0.0	0.0	0.0	36	38	-2	25%	0
954	Nescopeck State Park		NSP ARM Residence	GARAGE	Residential	Flood LED 17W PAR38 2L	2	34	1000	LED 13W PAR38 Replacement 2L	2	26	1000	-	0	0.1	0.1	0.0	68	52	16	25%	0
955	Nescopeck State Park	EXTERIOR	NSP ARM Residence	MANAGER RESIDENCE	Exterior - Switch	Lantern Inc 60W A	1	60	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	60	10	51	0%	0
956	Nescopeck State Park	EXTERIOR	NSP ARM Residence	MANAGER RESIDENCE	Exterior - Switch	Lantern LED 9W A	2	9	1000	LED 9W A19 Replacement	2	10	1000	-	0	0.0	0.0	0.0	18	19	-1	0%	0
957	Nescopeck State Park	EXTERIOR	NSP ARM Residence	MANAGER RESIDENCE	Exterior - Switch	Wall Pack LED 9W A	1	9	1000	Wall Pack LED SEC 2.5 klm PC	1	20	1000	-	0	0.0	0.0	0.0	9	20	-11	0%	0
958	Nescopeck State Park	EXTERIOR	NSP ARM Residence	MANAGER RESIDENCE	Exterior - Switch	6" Rec Can CFL 13W Screw In	2	13	1000	LED 9W A19 Replacement	2	10	1000	-	0	0.0	0.0	0.0	26	19	7	0%	0
959	Nescopeck State Park		Bradish Residence	KITCHEN	Residential	4" Rec Can CFL 13W Screw In	2	13	1000	LED 9W A19 Replacement	2	10	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
960	Nescopeck State Park		Bradish Residence	KITCHEN	Residential	4" Wrap BP 2L	2	72	1000	RT, 4' 10.5W DE LED 2L	2	21	1000	-	0	0.1	0.0	0.1	144	42	102	25%	0
961	Nescopeck State Park		Bradish Residence	DINING ROOM	Residential	Ceiling Fan CFL 13W Screw In	1	13	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	13	10	4	25%	0
962	Nescopeck State Park		Bradish Residence	FAMILY ROOM	Residential	Ceiling Fan CFL 13W Screw In	1	13	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	13	10	4	25%	0
963	Nescopeck State Park		Bradish Residence	BEDROOM	Residential	Drum CFL 13W Screw In 2L	1	26	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
964	Nescopeck State Park		Bradish Residence	HALLWAY	Residential	Drum CFL 13W Screw In 2L	1	26	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
965	Nescopeck State Park		Bradish Residence	BATH ROOM	Residential	Ceiling Fan CFL 13W Screw In	1	13	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	13	10	4	25%	0
966	Nescopeck State Park		Bradish Residence	BATH ROOM	Residential	Vanity Inc 25W C10 E12 5L	1	125	1000	LED 5.5W B11 E12 Replacement 5L	1	28	1000	-	0	0.1	0.0	0.1	125	28	98	25%	0
967	Nescopeck State Park		Bradish Residence	BEDROOM	Residential	Drum CFL 13W Screw In 2L	1	26	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
968	Nescopeck State Park		Bradish Residence	BEDROOM	Residential	Drum CFL 13W Screw In 2L	1	26	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
969	Nescopeck State Park		Bradish Residence	ATTIC	Residential	Keyless Inc 100W A	1	100	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.1	0.0	0.1	100	10</			

1007	Beltzville State Park	EXTERIOR	PARK OFFICE	BACK DOOR	Exterior - Dusk to Dawn	Flood MV 100W	2	128	4368	Flood LED 2.1 klm UNV	2	15	4368	-	0	0.0	0.0	0.0	1,118	131	987	25%	0
1008	Beltzville State Park	EXTERIOR	PARK OFFICE	BACK	Exterior - Dusk to Dawn	Wall Pack LED 9W A	1	9	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	39	87	48	25%	0
1009	Beltzville State Park	EXTERIOR	PARK OFFICE	FRONT	Exterior - Dusk to Dawn	Wall Pack LED 9W A	2	9	4368	Wall Pack LED SEC 2.5 klm PC	2	20	4368	-	0	0.0	0.0	0.0	79	175	96	25%	0
1010	Beltzville State Park	EXTERIOR	PARK OFFICE	FRONT	Exterior - Dusk to Dawn	Flood MV 100W	2	128	4368	Flood LED 2.1 klm UNV	2	15	4368	-	0	0.0	0.0	0.0	1,118	131	987	25%	0
1011	Beltzville State Park	EXTERIOR	PARK OFFICE	FLAG	Exterior - Dusk to Dawn	Flood LED 17W PAR38	1	17	4368	LED 13W PAR38 Replacement	1	13	4368	-	0	0.0	0.0	0.0	74	57	17	25%	0
1012	Beltzville State Park	EXTERIOR	BUILDING MOUNTED	PARK MAINTENANCE	Exterior - Dusk to Dawn	Canopy MV 100W	6	125	4368	Canopy LED 2 klm	6	20	4368	-	0	0.0	0.0	0.0	3,276	524	2,752	25%	0
1013	Beltzville State Park	EXTERIOR	BUILDING MOUNTED	PARK MAINTENANCE	Exterior - Dusk to Dawn	Canopy MV 100W	2	125	4368	Canopy LED 2 klm	2	20	4368	-	0	0.0	0.0	0.0	1,092	175	917	25%	0
1014	Beltzville State Park	EXTERIOR	BUILDING MOUNTED	PARK MAINTENANCE	Exterior - Dusk to Dawn	Canopy MV 100W	2	125	4368	Canopy LED 2 klm	2	20	4368	-	0	0.0	0.0	0.0	1,092	175	917	25%	0
1015	Beltzville State Park	EXTERIOR	BUILDING MOUNTED	PARK MAINTENANCE	Exterior - Dusk to Dawn	Canopy MV 100W	2	125	4368	Canopy LED 2 klm	2	20	4368	-	0	0.0	0.0	0.0	1,092	175	917	25%	0
1016	Beltzville State Park		PARK MAINTENANCE	BREAK ROOM	Maintenance & Garages	8' Wrap BP 4L	1	144	2350	RT, 4' 10.5W DE LED 4L	1	42	2350	-	0	0.1	0.0	0.1	338	99	240	25%	0
1017	Beltzville State Park		PARK MAINTENANCE	BREAK ROOM	Maintenance & Garages	4' Wrap BP 2L	1	72	2350	RT, 4' 10.5W DE LED 2L	1	21	2350	-	0	0.1	0.0	0.1	169	49	120	25%	0
1018	Beltzville State Park		PARK MAINTENANCE	BREAK ROOM	Maintenance & Garages	4' Wrap BP 2L 32W T8	1	59	2350	RT, 4' 10.5W DE LED 2L	1	21	2350	-	0	0.1	0.0	0.0	139	49	89	25%	0
1019	Beltzville State Park		PARK MAINTENANCE	BREAK ROOM	Maintenance & Garages	4' Wrap LED 30W	1	30	2350	No Action - Existing Efficient/LED Fixture	1	30	2350	-	0	0.0	0.0	0.0	70	70	0	25%	0
1020	Beltzville State Park		PARK MAINTENANCE	KITCHEN	Maintenance & Garages	4' Industrial BP 2L	2	72	2350	RT, 4' 10.5W DE LED 2L	2	21	2350	-	0	0.1	0.0	0.1	338	99	240	25%	0
1021	Beltzville State Park		PARK MAINTENANCE	OFFICE	Maintenance & Garages	8' Wrap BP 4L	2	144	2350	RT, 4' 10.5W DE LED 4L	2	42	2350	-	0	0.3	0.1	0.2	677	197	479	25%	0
1022	Beltzville State Park		PARK MAINTENANCE	WOOD SHOP	Maintenance & Garages	4' Industrial BP 2L	6	72	2350	RT, 4' 10.5W DE LED 2L	6	21	2350	-	0	0.4	0.1	0.3	1,015	296	719	25%	0
1023	Beltzville State Park		PARK MAINTENANCE	BENCH	Maintenance & Garages	4' Industrial BP 2L	1	72	2350	RT, 4' 10.5W DE LED 2L	1	21	2350	-	0	0.1	0.0	0.1	169	49	120	25%	0
1024	Beltzville State Park		PARK MAINTENANCE	BENCH	Maintenance & Garages	4' Wrap BP 2L	1	72	2350	RT, 4' 10.5W DE LED 2L	1	21	2350	-	0	0.1	0.0	0.1	169	49	120	25%	0
1025	Beltzville State Park		PARK MAINTENANCE	MECHANICAL	Maintenance & Garages	Keyless LED 9W A	2	9	2350	LED 9W A19 Replacement	2	10	2350	-	0	0.0	0.0	0.0	42	45	-2	25%	0
1026	Beltzville State Park		PARK MAINTENANCE	STORAGE	Storage Room	4' Industrial BP 2L	1	72	2350	RT, 4' 10.5W DE LED 2L	1	21	2350	-	0	0.1	0.0	0.1	38	11	27	25%	0
1027	Beltzville State Park		PARK MAINTENANCE	MENS RESTROOM	Restroom	4' Wrap LED 30W	1	30	3500	No Action - Existing Efficient/LED Fixture	1	30	3500	-	0	0.0	0.0	0.0	105	105	0	25%	0
1028	Beltzville State Park		PARK MAINTENANCE	WOMENS RESTROOM	Restroom	4' Wrap LED 30W	2	30	3500	No Action - Existing Efficient/LED Fixture	2	30	3500	-	0	0.1	0.1	0.0	210	210	0	25%	0
1029	Beltzville State Park		PARK MAINTENANCE	VEHICLE BAY	Maintenance & Garages	4' Industrial BP 2L	24	72	2350	RT, 4' 10.5W DE LED 2L	24	21	2350	-	0	1.7	0.5	1.2	4,061	1,184	2,876	25%	0
1030	Beltzville State Park		PARK MAINTENANCE	STORAGE BAY	Storage Room	4' Industrial BP 2L	9	72	2350	RT, 4' 10.5W DE LED 2L	9	21	2350	-	0	0.6	0.2	0.5	341	100	242	25%	0
1031	Beltzville State Park		PARK MAINTENANCE	STORAGE BAY	Storage Room	4' Industrial BP 2L 32W T8	2	59	2350	RT, 4' 10.5W DE LED 2L	2	21	2350	-	0	0.1	0.0	0.1	62	22	40	25%	0
1032	Beltzville State Park		PARK MAINTENANCE	MAINTENANCE POLE SHED	Maintenance & Garages	Flood Hal 65W PAR38	5	65	2350	LED 13W PAR38 Replacement	5	13	2350	-	0	0.3	0.1	0.3	764	153	611	25%	0
1033	Beltzville State Park		PARK MAINTENANCE	TRACTOR STORAGE	Storage Room	Flood Hal 65W PAR38	2	65	2350	LED 13W PAR38 Replacement	2	13	2350	-	0	0.1	0.0	0.1	69	14	55	25%	0
1034	Beltzville State Park		PARK MAINTENANCE	TRACTOR STORAGE	Storage Room	Flood Hal 65W PAR38	2	65	2350	LED 13W PAR38 Replacement	2	13	2350	-	0	0.1	0.0	0.1	69	14	55	25%	0
1035	Beltzville State Park		PARK MAINTENANCE	FLAMMABLE STORAGE	Storage Room	4' Industrial BP 2L	1	72	2350	RT, 4' 10.5W DE LED 2L	1	21	2350	-	0	0.1	0.0	0.1	38	11	27	25%	0
1036	Beltzville State Park		ENVIRONMENTAL INTERPRETIVE CENTER	CLASSROOM	Classroom / Instruction	2X4 Prism Rec 4L	6	144	1200	RT, 4' 10.5W DE LED 4L	6	42	1200	-	0	0.9	0.3	0.6	1,037	302	734	0%	0
1037	Beltzville State Park		ENVIRONMENTAL INTERPRETIVE CENTER	WOMENS RESTROOM	Restroom	4' Wrap BP 2L	4	72	3500	RT, 4' 10.5W DE LED 2L	4	21	3500	-	0	0.3	0.1	0.2	1,008	294	714	25%	0
1038	Beltzville State Park		ENVIRONMENTAL INTERPRETIVE CENTER	STORAGE	Storage Room	4' Industrial BP 2L 32W T8	1	59	2350	RT, 4' 10.5W DE LED 2L	1	21	2350	-	0	0.1	0.0	0.0	31	11	20	25%	0
1039	Beltzville State Park		ENVIRONMENTAL INTERPRETIVE CENTER	MENS RESTROOM	Restroom	4' Wrap BP 2L 32W T8	2	59	3500	RT, 4' 10.5W DE LED 2L	2	21	3500	-	0	0.1	0.0	0.1	413	147	266	25%	0
1040	Beltzville State Park		ENVIRONMENTAL INTERPRETIVE CENTER	MENS RESTROOM	Restroom	4' Wrap BP 2L	2	72	3500	RT, 4' 10.5W DE LED 2L	2	21	3500	-	0	0.1	0.0	0.1	504	147	357	25%	0
1041	Beltzville State Park	EXTERIOR	ENVIRONMENTAL INTERPRETIVE CENTER	ENVIRONMENTAL INTERPRETIVE CENTER	Exterior - Dusk to Dawn	Flood LED 17W PAR38 2L	2	34	4368	LED 13W PAR38 Replacement 2L	2	26	4368	-	0	0.0	0.0	0.0	297	227	70	25%	0
1042	Beltzville State Park		DAY USE AREA RESTROOM	MENS RESTROOM SIDE 1	Restroom	4' Industrial BP 2L 32W T8	6	59	3500	RT, 4' 10.5W DE LED 2L	6	21	3500	-	0	0.4	0.1	0.2	1,239	441	798	25%	0
1043	Beltzville State Park		DAY USE AREA RESTROOM	MENS RESTROOM SIDE 2	Restroom	4' Industrial BP 2L 32W T8	6	59	3500	RT, 4' 10.5W DE LED 2L	6	21	3500	-	0	0.4	0.1	0.2	1,239	441	798	25%	0
1044	Beltzville State Park		DAY USE AREA RESTROOM	MENS RESTROOM SIDE 2	Restroom	Wall Sconce LED 9W A	4	9	3500	LED 9W A19 Replacement	4	10	3500	-	0	0.0	0.0	0.0	126	133	-7	25%	0
1045	Beltzville State Park		DAY USE AREA RESTROOM	MECHANICAL	Mechanical/Electrical Room	RLM Inc 65W PAR38	2	65	520	LED 9W A19 Replacement	2	10	520	-	0	0.1	0.0	0.1	68	10	58	0%	0
1046	Beltzville State Park		DAY USE AREA RESTROOM	SHOWER	Restroom	Jelly Jar Inc 100W A	2	100	3500	LED 9W A19 Replacement	2	10	3500	-	0	0.2	0.0	0.2	700	67	634	25%	0
1047	Beltzville State Park		DAY USE AREA RESTROOM	WOMENS RESTROOM SIDE 1	Restroom	4' Industrial BP 2L 32W T8	6	59	3500	RT, 4' 10.5W DE LED 2L	6	21	3500	-	0	0.4	0.1	0.2	1,239	441	798	25%	0
1048	Beltzville State Park		DAY USE AREA RESTROOM	WOMENS RESTROOM SIDE 2	Restroom	4' Industrial BP 2L 32W T8	6	59	3500	RT, 4' 10.5W DE LED 2L	6	21	3500	-	0	0.4	0.1	0.2	1,239	441	798	25%	0
1049	Beltzville State Park		DAY USE AREA RESTROOM	WOMENS RESTROOM SIDE 2	Restroom	Wall Sconce LED 9W A	4	9	3500	LED 9W A19 Replacement	4	10	3500	-	0	0.0	0.0	0.0	126	133	-7	25%	0
1050	Beltzville State Park		DAY USE AREA RESTROOM	MECHANICAL	Mechanical/Electrical Room	RLM Inc 65W PAR38	2	65	520	LED 9W A19 Replacement	2	10	520	-	0	0.1	0.0	0.1	68	10	58	0%	0
1051	Beltzville State Park		DAY USE AREA RESTROOM	SHOWER	Restroom	Jelly Jar Inc 100W A	2	100	3500	LED 9W A19 Replacement	2	10	3500	-	0	0.2	0.0	0.2	700	67	634	25%	0
1052	Beltzville State Park	EXTERIOR	DAY USE AREA RESTROOM	DAY USE AREA RESTROOM	Exterior - Dusk to Dawn	Jelly Jar CFL 23W Screw In	6	23	4368	LED 9W A19 Replacement	6	10	4368	-	0	0.0	0.0	0.0	603	249	354	25%	0
1053	Beltzville State Park		DAY USE FIRST AID	OFFICE	Comfort Stations & Secluded Restrooms	4' Schoolhouse BP 3L	4	115	4410	RT, 4' 10.5W DE LED 3L	4	32	4410	-	0	0.5	0.1	0.3	2,029	556	1,473	0%	0
1054	Beltzville State Park		DAY USE FIRST AID	EXAM	Comfort Stations & Secluded Restrooms	4' Schoolhouse BP 3L	4	115	4410	RT, 4' 10.5W DE LED 3L	4	32	4410	-	0	0.5	0.1	0.3	2,029	556	1,473	0%	0
1055	Beltzville State Park		DAY USE FIRST AID	STORAGE	Storage Room	RLM Inc 60W A	1	60	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	32	5	27	25%	0
1056	Beltzville State Park		DAY USE FIRST AID	RESTROOM	Restroom	Wall Sconce Inc 60W A	1	60	3500	LED 9W A19 Replacement	1	10	3500	-	0	0.1	0.0	0.1	210	33	177	25%	0
1057	Beltzville State Park		DAY USE FIRST AID	OLD SHOWER STORAGE	Storage Room	4' Schoolhouse BP 3L	1	115	527	RT, 4' 10.5W DE LED 3L	1	32	527	-	0	0.1	0.0	0.1	61	17	44	25%	0
1058	Beltzville State Park		DAY USE FIRST AID	OLD SHOWER STORAGE	Storage Room	6" Rec Can Inc 60W A	1	60	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	32	5	27	25%	0
1059	Beltzville State Park		DAY USE FIRST AID	OLD SHOWER STORAGE	Storage Room	Rec Sq. Inc 60W A	1	60	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	32	5	27	25%	0
1060	Beltzville State Park		SEWAGE PLANT	CONTROL ROOM	Mechanical/Electrical Room	4' Wrap LED 30W	2	30	520	No Action - Existing Efficient/LED Fixture	2	30	520	-	0	0.1	0.1	0.0	31	31	0	0%	0
1061	Beltzville State Park		PINE RUN RESTROOM	MENS RESTROOM	Restroom	Jelly Jar LED 9W A	1	9	3500	LED 9W A19 Replacement	1	10	3500	-	0	0.0	0.0	0.0	32	33	-2	25%	0
1062	Beltzville State Park		PINE RUN RESTROOM	WOMENS RESTROOM	Restroom	Jelly Jar LED 9W A	1	9	3500	LED 9W A19 Replacement	1	10	3500	-	0	0.0	0.0	0.0	32	33	-2	25%	0
1063	Beltzville State Park	EXTERIOR	PINE RUN RESTROOM	PINE RUN RESTROOM	Exterior - Dusk to Dawn	Canopy LED 9W A	2	9	4368	LED 9W A19 Replacement	2	10	4368	-	0	0.0	0.0	0.0	79	83	-4	25%	0
1064	Beltzville State Park		PREACHERS CAMP RESTROOM	MENS RESTROOM	Restroom	Jelly Jar LED 9W A	1	9	3500	LED 9W A19 Replacement	1	10	3500	-	0	0.0	0.0	0.0	32	33	-2	25%	0
1065	Beltzville State Park		PREACHERS CAMP RESTROOM	WOMENS RESTROOM	Restroom	Jelly Jar LED 9W A	1	9	3500	LED 9W A19 Replacement	1	10	3500	-	0	0.0	0.0	0.0	32	33	-2	25%	0
1066	Beltzville State Park	EXTERIOR	PREACHERS CAMP RESTROOM	PREACHERS CAMP RESTROOM	Exterior - Dusk to Dawn	Canopy LED 9W A	2	9	4368	LED 9W A19 Replacement	2	10	4368	-	0	0.0	0.0	0.0	79	83	-4	25%	0
1067	Beltzville State Park		BARN AT PREACHERS CAMP	LOWER SHOP	Maintenance & Garages	4' Industrial LED 15W T8 ULB 2L	2	30	2350	RT, 4' 10.5W DE LED 2L	2	21	2350	-	0	0.1	0.0	0.0	141	99	42	25%	0
1068	Beltzville State Park																						

1108	Beltzville State Park		Food Concession -	KITCHEN	Concession Stand	4' Wrap BP 2L 32W T8	15	59	1222	RT, 4' 10.5W DE LED ZL	15	21	1222	-	0	0.9	0.3	0.6	1,082	385	697	0%	0
1109	Beltzville State Park		Food Concession -	KITCHEN	Concession Stand	4' Wrap BP 2L 32W T8	2	59	1222	RT, 4' 10.5W DE LED ZL	2	21	1222	-	0	0.1	0.0	0.1	144	51	93	0%	0
1110	Beltzville State Park		Food Concession -	KITCHEN ICE	Concession Stand	4' Wrap BP 2L 32W T8	1	59	1222	RT, 4' 10.5W DE LED ZL	1	21	1222	-	0	0.1	0.0	0.0	72	26	46	0%	0
1111	Beltzville State Park		Food Concession -	KITCHEN HARD	Concession Stand	Jelly Jar Inc 60W A	3	60	1222	LED 9W A19 Replacement	3	10	1222	-	0	0.2	0.0	0.2	220	35	185	0%	0
1112	Beltzville State Park		Garage 433-16	BENCH	Maintenance & Garages	4' Industrial BP 2L 32W T8	3	59	2350	RT, 4' 10.5W DE LED ZL	3	21	2350	-	0	0.2	0.1	0.1	416	148	268	25%	0
1113	Beltzville State Park		Garage 433-16	BAY 1	Maintenance & Garages	4' Industrial BP 2L 32W T8	7	59	2350	RT, 4' 10.5W DE LED ZL	7	21	2350	-	0	0.4	0.1	0.3	971	345	625	25%	0
1114	Beltzville State Park		Garage 433-16	RESTROOM	Maintenance & Garages	Jelly Jar CFL 23W Screw In	1	23	2350	LED 9W A19 Replacement	1	10	2350	-	0	0.0	0.0	0.0	54	22	32	25%	0
1115	Beltzville State Park		Garage 433-16	TOOL STORAGE	Storage Room	Jelly Jar CFL 13W Screw In	2	13	527	LED 9W A19 Replacement	2	10	527	-	0	0.0	0.0	0.0	14	10	4	25%	0
1116	Beltzville State Park		Garage 433-16	TOOL STORAGE	Storage Room	4' Industrial BP 2L 32W T8	1	59	527	RT, 4' 10.5W DE LED ZL	1	21	527	-	0	0.1	0.0	0.0	31	11	20	25%	0
1117	Beltzville State Park		Garage 433-16	LOCKER	Maintenance & Garages	Keyless CFL 13W Screw In	1	13	2350	LED 9W A19 Replacement	1	10	2350	-	0	0.0	0.0	0.0	31	22	8	25%	0
1118	Beltzville State Park		Garage 433-16	LOCKER	Maintenance & Garages	4' Industrial BP 2L 32W T8	1	59	2350	RT, 4' 10.5W DE LED ZL	1	21	2350	-	0	0.1	0.0	0.0	139	49	89	25%	0
1119	Beltzville State Park		Garage 433-16	BREAK	Maintenance & Garages	4' Industrial BP 2L 32W T8	2	59	2350	RT, 4' 10.5W DE LED ZL	2	21	2350	-	0	0.1	0.0	0.1	277	99	179	25%	0
1120	Beltzville State Park		Garage 433-16	WOOD SHOP	Maintenance & Garages	4' Industrial BP 2L 32W T8	6	59	2350	RT, 4' 10.5W DE LED ZL	6	21	2350	-	0	0.4	0.1	0.2	832	296	536	25%	0
1121	Beltzville State Park		Garage 433-16	BAY 2	Maintenance & Garages	4' Industrial BP 2L 32W T8	3	59	2350	RT, 4' 10.5W DE LED ZL	3	21	2350	-	0	0.2	0.1	0.1	416	148	268	25%	0
1122	Beltzville State Park		Garage 433-16	BAY 2	Maintenance & Garages	Keyless CFL 23W Screw In	1	23	2350	LED 9W A19 Replacement	1	10	2350	-	0	0.0	0.0	0.0	54	22	32	25%	0
1123	Beltzville State Park		Garage 433-16	OFFICE	Maintenance & Garages	4' Industrial BP 2L 32W T8	1	59	2350	RT, 4' 10.5W DE LED ZL	1	21	2350	-	0	0.1	0.0	0.0	139	49	89	25%	0
1124	Beltzville State Park		Garage 433-16	PAINT ROOM	Maintenance & Garages	Explosion Proof CFL 23W Screw In	1	23	2350	LED 9W A19 Replacement	1	10	2350	-	0	0.0	0.0	0.0	54	22	32	25%	0
1125	Beltzville State Park		Garage 433-16	EXTERIOR	Exterior - Dusk to Dawn	Flood LED 17W PAR38 2L	2	34	4368	LED 13W PAR38 Replacement 2L	2	26	4368	-	0	0.0	0.0	0.0	297	227	70	25%	0
1126	French Creek State Park	EXTERIOR	PARK OFFICE	PARKING LOT	Exterior - Dusk to Dawn	Barnlight LED 55W	3	55	4368	No Action - Existing Efficient/LED Fixture	3	55	4368	-	0	0.0	0.0	0.0	721	721	0	25%	0
1127	French Creek State Park		PARK OFFICE	VESTIBULE	Vestibule	8" Rec Can CFL 32W 4P	3	34	3977	RC LED Retrofit Kit 2000 Lm 8" Adj. 1500 Lm	3	12	3977	-	0	0.1	0.0	0.1	406	143	262	0%	0
1128	French Creek State Park		PARK OFFICE	VESTIBULE	Vestibule	8" Rec Can CFL 32W 4P BB	1	34	3977	RC LED Retrofit Kit 2000 Lm 8" Adj. 1500 Lm BB	1	12	3977	-	0	0.0	0.0	0.0	135	48	87	0%	0
1129	French Creek State Park		PARK OFFICE	LOBBY	Hallways and Common Areas	2X2 D/J Rec 2L FT40	6	72	3977	RC LED 17W 4P 2G11 2L	6	34	3977	-	0	0.4	0.2	0.2	1,718	811	907	25%	0
1130	French Creek State Park		PARK OFFICE	LOBBY	Hallways and Common Areas	8" Rec Can CFL 32W 4P	6	34	3977	RC LED Retrofit Kit 2000 Lm 8" Adj. 1500 Lm	6	12	3977	-	0	0.2	0.1	0.1	811	286	525	25%	0
1131	French Creek State Park		PARK OFFICE	LOBBY	Hallways and Common Areas	Wall Pack CFL 27W 4P	1	28	3977	Wall Pack LED SEC 2.5 klm PC	1	20	3977	-	0	0.0	0.0	0.0	111	80	32	25%	0
1132	French Creek State Park		PARK OFFICE	LOBBY	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
1133	French Creek State Park		PARK OFFICE	OFFICE	Private Office	2X4 Par Rec 2L 32W T8	4	59	2500	RT, 4' 10.5W DE LED ZL	4	21	2500	-	0	0.2	0.1	0.2	590	210	380	25%	0
1134	French Creek State Park		PARK OFFICE	OFFICE	Private Office	2X4 Par Rec LED 15W T8 ULB 2L	2	30	2500	RT, 4' 10.5W DE LED ZL	2	21	2500	-	0	0.1	0.0	0.0	150	105	45	25%	0
1135	French Creek State Park		PARK OFFICE	ASSISTANT ADMIN OFFICE	Private Office	2X4 Par Rec 2L 32W T8	1	59	2500	RT, 4' 10.5W DE LED ZL	1	21	2500	-	0	0.1	0.0	0.0	148	53	95	25%	0
1136	French Creek State Park		PARK OFFICE	ASSISTANT ADMIN OFFICE	Private Office	2X4 Par Rec 2L 32W T8	3	59	2500	RT, 4' 10.5W DE LED ZL	3	21	2500	-	0	0.2	0.1	0.1	443	158	285	25%	0
1137	French Creek State Park		PARK OFFICE	BACK OFFICE	Private Office	4' Industrial LED 15W T8 ULB 2L	2	30	2500	RT, 4' 10.5W DE LED ZL	2	21	2500	-	0	0.1	0.0	0.0	150	105	45	25%	0
1138	French Creek State Park		PARK OFFICE	BACK OFFICE	Private Office	4' Industrial BP 2L 32W T8	2	59	2500	RT, 4' 10.5W DE LED ZL	2	21	2500	-	0	0.1	0.0	0.1	295	105	190	25%	0
1139	French Creek State Park		PARK OFFICE	BACK OFFICE	Private Office	6" Rec Can LED 15W	1	15	2500	No Action - Existing Efficient/LED Fixture	1	15	2500	-	0	0.0	0.0	0.0	38	38	0	25%	0
1140	French Creek State Park		PARK OFFICE	CONFERENCE	Conference Room	Decorative CFL 26W 4P 2L	8	50	2500	LED 8W 2P G24D/Q Omni	8	16	2500	-	0	0.4	0.1	0.3	1,000	320	680	0%	0
1141	French Creek State Park		PARK OFFICE	CONFERENCE	Conference Room	Decorative Hal 35W MR16	17	45	2500	LED 6W MR16 Replacement	17	6	2500	-	0	0.8	0.1	0.7	1,913	255	1,658	0%	0
1142	French Creek State Park		PARK OFFICE	CONFERENCE	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
1143	French Creek State Park		PARK OFFICE	ATTIC	Storage Room	Jelly Jar CFL 26W 4P	4	27	527	LED 8W 2P G24D/Q Omni	4	8	527	-	0	0.1	0.0	0.1	57	17	40	25%	0
1144	French Creek State Park		PARK OFFICE	ATTIC	Storage Room	Jelly Jar LED 9W A	3	9	527	LED 9W A19 Replacement	3	10	527	-	0	0.0	0.0	0.0	14	15	-1	25%	0
1145	French Creek State Park		PARK OFFICE	COPY	Open Office	2X4 Par Rec 2L 32W T8	1	59	3500	RT, 4' 10.5W DE LED ZL	1	21	3500	-	0	0.1	0.0	0.0	207	74	133	25%	0
1146	French Creek State Park		PARK OFFICE	COPY	Open Office	4' Industrial LED 15W T8 ULB 2L	1	30	3500	RT, 4' 10.5W DE LED ZL	1	21	3500	-	0	0.0	0.0	0.0	105	74	32	25%	0
1147	French Creek State Park		PARK OFFICE	OFFICE	Private Office	4' Industrial BP 2L 32W T8 DS	2	64	2500	RT, 4' 10.5W DE LED ZL	2	21	2500	-	0	0.1	0.0	0.1	320	105	215	25%	0
1148	French Creek State Park		PARK OFFICE	OFFICE	Private Office	8" Industrial BP 4L 32W T8 DS	3	118	2500	RT, 4' 10.5W DE LED 4L	3	42	2500	-	0	0.4	0.1	0.2	885	315	570	25%	0
1149	French Creek State Park		PARK OFFICE	OFFICE	Private Office	8" Industrial BP 4L 32W T8 DS	3	118	2500	RT, 4' 10.5W DE LED 4L	3	42	2500	-	0	0.4	0.1	0.2	885	315	570	25%	0
1150	French Creek State Park		PARK OFFICE	OFFICE	Private Office	4' Industrial BP 2L 32W T8 DS	2	64	2500	RT, 4' 10.5W DE LED ZL	2	21	2500	-	0	0.1	0.0	0.1	320	105	215	25%	0
1151	French Creek State Park		PARK OFFICE	OFFICE	Private Office	4' Industrial BP 2L 32W T8 DS	2	64	2500	RT, 4' 10.5W DE LED ZL	2	21	2500	-	0	0.1	0.0	0.1	320	105	215	25%	0
1152	French Creek State Park		PARK OFFICE	EQUIPMENT ROOM	Storage Room	8" Industrial BP 4L 32W T8	2	112	527	RT, 4' 10.5W DE LED 4L	2	42	527	-	0	0.2	0.1	0.1	118	44	74	25%	0
1153	French Creek State Park		PARK OFFICE	OFFICE	Private Office	4' Industrial BP 2L 32W T8 DS	2	64	2500	RT, 4' 10.5W DE LED ZL	2	21	2500	-	0	0.1	0.0	0.1	320	105	215	25%	0
1154	French Creek State Park		PARK OFFICE	OFFICE	Private Office	8" Industrial BP 4L 32W T8 DS	2	118	2500	RT, 4' 10.5W DE LED 4L	2	42	2500	-	0	0.2	0.1	0.2	590	210	380	25%	0
1155	French Creek State Park		PARK OFFICE	LIBRARY	Open Office	8" Industrial BP 4L 32W T8 DS	3	118	3500	RT, 4' 10.5W DE LED 4L	3	42	3500	-	0	0.4	0.1	0.2	1,239	441	798	25%	0
1156	French Creek State Park		PARK OFFICE	DIRECTORS OFFICE	Private Office	8" Industrial BP 4L 32W T8 DS	2	118	2500	RT, 4' 10.5W DE LED 4L	2	42	2500	-	0	0.2	0.1	0.2	590	210	380	25%	0
1157	French Creek State Park		PARK OFFICE	HALLWAY	Hallways and Common Areas	4' Vanity BP 2L 32W T8	2	59	3977	RT, 4' 10.5W DE LED ZL	2	21	3977	-	0	0.1	0.0	0.1	469	167	302	25%	0
1158	French Creek State Park		PARK OFFICE	HALLWAY	Exit Signs/Night Lights	Exit Sign LED Edgelit	2	3	8760	No Action - Existing Efficient/LED Fixture	2	3	8760	-	0	0.0	0.0	0.0	53	53	0	0%	0
1159	French Creek State Park		PARK OFFICE	HALLWAY	Emergency Fixture	Emergency Only	5	0	0	No Action - Emergency Use Only	5	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
1160	French Creek State Park		PARK OFFICE	HALLWAY	Hallways and Common Areas	4' Cove BP 2L 32W T8	28	59	3977	RT, 4' 10.5W DE LED ZL	28	21	3977	-	0	1.8	0.6	1.1	7,039	2,506	4,534	25%	0
1161	French Creek State Park		PARK OFFICE	HALLWAY	Hallways and Common Areas	4' Cove BP 2L 32W T8	28	59	3977	RT, 4' 10.5W DE LED ZL	28	21	3977	-	0	1.7	0.6	1.1	6,570	2,338	4,232	25%	0
1162	French Creek State Park		PARK OFFICE	HALLWAY	Hallways and Common Areas	8" Rec Can CFL 32W 4P	3	34	3977	RC LED Retrofit Kit 2000 Lm 8" Adj. 1500 Lm	3	12	3977	-	0	0.1	0.0	0.1	406	143	262	25%	0
1163	French Creek State Park		PARK OFFICE	HALLWAY	Hallways and Common Areas	8" Rec Can CFL 32W 4P BB	1	34	3977	RC LED Retrofit Kit 2000 Lm 8" Adj. 1500 Lm BB	1	12	3977	-	0	0.0	0.0	0.0	135	48	87	25%	0
1164	French Creek State Park		PARK OFFICE	OFFICE	Private Office	8" Industrial BP 4L 32W T8	2	112	2500	RT, 4' 10.5W DE LED 4L	2	42	2500	-	0	0.2	0.1	0.1	560	210	350	25%	0
1165	French Creek State Park		PARK OFFICE	OFFICE	Private Office	8" Industrial BP 4L 32W T8	2	112	2500	RT, 4' 10.5W DE LED 4L	2	42	2500	-	0	0.2	0.1	0.1	560	210	350	25%	0
1166	French Creek State Park		PARK OFFICE	OFFICE	Private Office	8" Industrial BP 4L 32W T8	3	112	2500	RT, 4' 10.5W DE LED 4L	3	42	2500	-	0	0.3	0.1	0.2	840	315	525	25%	0
1167	French Creek State Park		PARK OFFICE	OFFICE	Private Office	8" Industrial BP 4L 32W T8	2	112	2500	RT, 4' 10.5W DE LED 4L	2	42	2500	-	0	0.2	0.1	0.1	560	210	350	25%	0
1168	French Creek State Park		PARK OFFICE	EQUIPMENT ROOM	Storage Room	8" Industrial LED 15W T8 ULB 4L	2	60	527	RT, 4' 10.5W DE LED 4L	2	42	527	-	0	0.1	0.1	0.0	63				

1209	French Creek State Park		WOOD SHOP	BACK STORAGE	Storage Room	4" Industrial BP 2L 32W T8	2	59	527	RT, 4' 10.5W DE LED ZL	2	21	527	-	0	0.1	0.0	0.1	62	22	40	25%	0
1210	French Creek State Park		WOOD SHOP	RESTROOM	Restroom	4" Industrial BP 2L 32W T8	1	59	3500	RT, 4' 10.5W DE LED ZL	1	21	3500	-	0	0.1	0.0	0.0	207	74	133	25%	0
1211	French Creek State Park		POOL BUILDING	MECHANICAL	Mechanical/Electrical Room	4" Industrial BP 2L 40W T12	2	80	520	RT, 4' 10.5W DE LED ZL	2	21	520	-	0	0.2	0.0	0.1	83	22	61	0%	0
1212	French Creek State Park		POOL BUILDING	MECHANICAL	Mechanical/Electrical Room	Keyless CFL 23W Screw In	6	23	520	LED 9W A19 Replacement	6	10	520	-	0	0.1	0.1	0.1	72	30	42	0%	0
1213	French Creek State Park		POOL BUILDING	MECHANICAL	Mechanical/Electrical Room	Keyless Inc 60W A	2	60	520	LED 9W A19 Replacement	2	10	520	-	0	0.1	0.0	0.1	62	10	53	0%	0
1214	French Creek State Park		POOL BUILDING	MENS RESTROOM	Restroom	4' Wrap BP 2L	13	72	3500	RT, 4' 10.5W DE LED ZL	13	21	3500	-	0	0.9	0.3	0.7	3,276	956	2,321	25%	0
1215	French Creek State Park		POOL BUILDING	MENS RESTROOM	Restroom	4' Wrap LED 32W	3	32	3500	No Action - Existing Efficient/LED Fixture	3	32	3500	-	0	0.1	0.1	0.0	336	336	0	25%	0
1216	French Creek State Park		POOL BUILDING	WOMENS RESTROOM	Restroom	4' Wrap BP 2L	11	72	3500	RT, 4' 10.5W DE LED ZL	11	21	3500	-	0	0.8	0.2	0.6	2,772	809	1,964	25%	0
1217	French Creek State Park		POOL BUILDING	WOMENS RESTROOM	Restroom	4' Wrap LED 32W	6	32	3500	No Action - Existing Efficient/LED Fixture	6	32	3500	-	0	0.2	0.2	0.0	672	672	0	25%	0
1218	French Creek State Park	EXTERIOR	POOL BUILDING	POOL BUILDING	Exterior - Dusk to Dawn	Shoobox HPS 150W	5	188	4368	Area LED 9.8 Klm	5	70	4368	-	0	0.0	0.0	0.0	4,106	1,529	2,577	25%	0
1219	French Creek State Park	EXTERIOR	POOL BUILDING	FIRST AID	Exterior - Dusk to Dawn	Canopy HPS 150W	2	188	4368	Canopy LED 2 Klm	2	20	4368	-	0	0.0	0.0	0.0	1,642	175	1,468	25%	0
1220	French Creek State Park		POOL BUILDING	COUNTER	Pool	2' Vanity 2L	2	51	1294	RT, 2' 7W DE LED ZL	2	14	1294	-	0	0.1	0.0	0.1	132	36	96	0%	0
1221	French Creek State Park		POOL BUILDING	OFFICE	Pool	4' Wrap BP 2L	6	72	1294	RT, 4' 10.5W DE LED ZL	6	21	1294	-	0	0.4	0.1	0.3	559	163	396	0%	0
1222	French Creek State Park		POOL BUILDING	MECHANICAL	Mechanical/Electrical Room	4' Wrap BP 2L	1	72	520	RT, 4' 10.5W DE LED ZL	1	21	520	-	0	0.1	0.0	0.1	37	11	27	0%	0
1223	French Creek State Park		POOL BUILDING	RESTROOM	Restroom	Vanity LED 9W A 4L	1	36	3500	LED 9W A19 Replacement 4L	1	38	3500	-	0	0.0	0.0	0.0	126	133	-7	25%	0
1224	French Creek State Park		POOL BUILDING	RESTROOM	Restroom	2' Vanity 2L	1	51	3500	RT, 2' 7W DE LED ZL	1	14	3500	-	0	0.1	0.0	0.0	179	49	130	25%	0
1225	French Creek State Park		POOL BUILDING	OFFICE	Pool	4' Wrap BP 2L	5	72	1294	RT, 4' 10.5W DE LED ZL	5	21	1294	-	0	0.4	0.1	0.3	466	136	330	0%	0
1226	French Creek State Park		POOL BUILDING	LOCKER	Pool	4' Wrap BP 2L	2	72	1294	RT, 4' 10.5W DE LED ZL	2	21	1294	-	0	0.1	0.0	0.1	186	54	132	0%	0
1227	French Creek State Park		POOL BUILDING	MECHANICAL	Mechanical/Electrical Room	Keyless CFL 23W Screw In	1	23	520	LED 9W A19 Replacement	1	10	520	-	0	0.0	0.0	0.0	12	5	7	0%	0
1228	French Creek State Park		CONCESSION	HALLWAY	Concession Stand	4' Wrap BP 2L 32W T8	1	59	1222	RT, 4' 10.5W DE LED ZL	1	21	1222	-	0	0.1	0.0	0.0	72	26	46	0%	0
1229	French Creek State Park		CONCESSION	RESTROOM	Restroom	2' Vanity 2L	1	51	3500	RT, 2' 7W DE LED ZL	1	14	3500	-	0	0.1	0.0	0.0	179	49	130	25%	0
1230	French Creek State Park		CONCESSION	ELECTRICAL	Mechanical/Electrical Room	4' Wrap BP 2L 32W T8	1	59	520	RT, 4' 10.5W DE LED ZL	1	21	520	-	0	0.1	0.0	0.0	31	11	20	0%	0
1231	French Creek State Park		CONCESSION	KITCHEN	Concession Stand	4' Wrap BP 2L 32W T8	15	59	1222	RT, 4' 10.5W DE LED ZL	15	21	1222	-	0	0.9	0.3	0.6	1,082	385	697	0%	0
1232	French Creek State Park		CONCESSION	KITCHEN	Concession Stand	4' Wrap BP 2L 32W T8	2	59	1222	RT, 4' 10.5W DE LED ZL	2	21	1222	-	0	0.1	0.0	0.1	144	51	93	0%	0
1233	French Creek State Park		CONCESSION	KITCHEN ICE	Concession Stand	4' Wrap BP 2L 32W T8	1	59	1222	RT, 4' 10.5W DE LED ZL	1	21	1222	-	0	0.1	0.0	0.0	72	26	46	0%	0
1234	French Creek State Park		CONCESSION	KITCHEN HARD	Concession Stand	Jelly Jar Inc 60W A	3	60	1222	LED 9W A19 Replacement	3	10	1222	-	0	0.2	0.0	0.2	220	35	185	0%	0
1235	French Creek State Park	EXTERIOR	WASTE WATER PLANT	WASTE WATER PLANT	Exterior - Dusk to Dawn	Jelly Jar Inc 60W A	3	60	4368	LED 9W A19 Replacement	3	10	4368	-	0	0.0	0.0	0.0	786	124	662	25%	0
1236	French Creek State Park	EXTERIOR	WASTE WATER PLANT	WASTE WATER PLANT	Exterior - Dusk to Dawn	Z24 Prism Sur 4L	2	144	4368	RT, 4' 10.5W DE LED 4L	2	42	4368	-	0	0.0	0.0	0.0	1,258	367	891	25%	0
1237	French Creek State Park		WASTE WATER PLANT	CHEMICAL STORAGE	Storage Room	Z24 Prism Sur 4L	2	144	527	RT, 4' 10.5W DE LED 4L	2	42	527	-	0	0.3	0.1	0.2	152	44	108	25%	0
1238	French Creek State Park		SEASONAL RESTROOMS	NEAR POOL	Restroom	None Existing	1	0	3500	No Action	1	0	3500	-	0	0.0	0.0	0.0	0	0	0	0%	0
1239	French Creek State Park		MODERN CABIN 1	PORCH	Exterior - Switch	Canopy LED 20W	1	20	1000	No Action - Existing Efficient/LED Fixture	1	20	1000	-	0	0.0	0.0	0.0	20	20	0	25%	0
1240	French Creek State Park		MODERN CABIN 1	RESTROOM	Cabin	Drum CFL 23W Screw In 2L	1	46	2520	LED 9W A19 Replacement 2L	1	19	2520	-	0	0.0	0.0	0.0	116	48	68	25%	0
1241	French Creek State Park		MODERN CABIN 1	RESTROOM	Cabin	Ceiling Fan Inc 40W C10 4L	1	160	2520	LED 5.5W B11 E12 Replacement 4L	1	22	2520	-	0	0.2	0.0	0.1	403	55	348	25%	0
1242	French Creek State Park		MODERN CABIN 1	KITCHEN	Cabin	Chandelier CFL 13W Screw In 4L	4	52	2520	LED 9W A19 Replacement 4L	4	38	2520	-	0	0.2	0.2	0.1	524	383	141	25%	0
1243	French Creek State Park		MODERN CABIN 1	KITCHEN	Cabin	Chandelier LED 9W A	4	9	2520	LED 9W A19 Replacement	4	10	2520	-	0	0.0	0.0	0.0	91	96	-5	25%	0
1244	French Creek State Park		MODERN CABIN 1	KITCHEN	Cabin	18" Undercabinet LED 10W	1	10	2520	No Action - Existing Efficient/LED Fixture	1	10	2520	-	0	0.0	0.0	0.0	25	25	0	25%	0
1245	French Creek State Park		MODERN CABIN 1	BEDROOM 1	Cabin	Drum LED 9W A 2L	1	18	2520	LED 9W A19 Replacement 2L	1	19	2520	-	0	0.0	0.0	0.0	45	48	-3	25%	0
1246	French Creek State Park		MODERN CABIN 1	BEDROOM 2	Cabin	Drum CFL 13W Screw In 2L	1	26	2520	LED 9W A19 Replacement 2L	1	19	2520	-	0	0.0	0.0	0.0	66	48	18	25%	0
1247	French Creek State Park		MODERN CABIN 1	RESTROOM	Cabin	Ceiling Fan CFL 13W Screw In	1	13	2520	LED 9W A19 Replacement	1	10	2520	-	0	0.0	0.0	0.0	33	24	9	25%	0
1248	French Creek State Park		MODERN CABIN 1	RESTROOM SHOWER	Cabin	6" Rec Can Inc 90W A	1	90	2520	LED 9W A19 Replacement	1	10	2520	-	0	0.1	0.0	0.1	227	24	203	25%	0
1249	French Creek State Park		MODERN CABIN 2-copied	PORCH	Exterior - Switch	Canopy LED 20W	1	20	1000	No Action - Existing Efficient/LED Fixture	1	20	1000	-	0	0.0	0.0	0.0	20	20	0	0%	0
1250	French Creek State Park		MODERN CABIN 2-copied	RESTROOM	Cabin	Drum CFL 23W Screw In 2L	1	46	2520	LED 9W A19 Replacement 2L	1	19	2520	-	0	0.0	0.0	0.0	116	48	68	25%	0
1251	French Creek State Park		MODERN CABIN 2-copied	RESTROOM	Cabin	Ceiling Fan Inc 40W C10 4L	1	160	2520	LED 5.5W B11 E12 Replacement 4L	1	22	2520	-	0	0.2	0.0	0.1	403	55	348	25%	0
1252	French Creek State Park		MODERN CABIN 2-copied	KITCHEN	Cabin	Chandelier CFL 13W Screw In 4L	4	52	2520	LED 9W A19 Replacement 4L	4	38	2520	-	0	0.2	0.2	0.1	524	383	141	25%	0
1253	French Creek State Park		MODERN CABIN 2-copied	KITCHEN	Cabin	Chandelier LED 9W A	4	9	2520	LED 9W A19 Replacement	4	10	2520	-	0	0.0	0.0	0.0	91	96	-5	25%	0
1254	French Creek State Park		MODERN CABIN 2-copied	KITCHEN	Cabin	18" Undercabinet LED 10W	1	10	2520	No Action - Existing Efficient/LED Fixture	1	10	2520	-	0	0.0	0.0	0.0	25	25	0	25%	0
1255	French Creek State Park		MODERN CABIN 2-copied	BEDROOM 1	Cabin	Drum LED 9W A 2L	1	18	2520	LED 9W A19 Replacement 2L	1	19	2520	-	0	0.0	0.0	0.0	45	48	-3	25%	0
1256	French Creek State Park		MODERN CABIN 2-copied	BEDROOM 2	Cabin	Drum CFL 13W Screw In 2L	1	26	2520	LED 9W A19 Replacement 2L	1	19	2520	-	0	0.0	0.0	0.0	66	48	18	25%	0
1257	French Creek State Park		MODERN CABIN 2-copied	RESTROOM	Cabin	Ceiling Fan CFL 13W Screw In	1	13	2520	LED 9W A19 Replacement	1	10	2520	-	0	0.0	0.0	0.0	33	24	9	25%	0
1258	French Creek State Park		MODERN CABIN 2-copied	RESTROOM SHOWER	Cabin	6" Rec Can Inc 90W A	1	90	2520	LED 9W A19 Replacement	1	10	2520	-	0	0.1	0.0	0.1	227	24	203	25%	0
1259	French Creek State Park		MODERN CABIN 3-copied	PORCH	Exterior - Switch	Canopy LED 20W	1	20	1000	No Action - Existing Efficient/LED Fixture	1	20	1000	-	0	0.0	0.0	0.0	20	20	0	0%	0
1260	French Creek State Park		MODERN CABIN 3-copied	RESTROOM	Cabin	Drum CFL 23W Screw In 2L	1	46	2520	LED 9W A19 Replacement 2L	1	19	2520	-	0	0.0	0.0	0.0	116	48	68	25%	0
1261	French Creek State Park		MODERN CABIN 3-copied	RESTROOM	Cabin	Ceiling Fan Inc 40W C10 4L	1	160	2520	LED 5.5W B11 E12 Replacement 4L	1	22	2520	-	0	0.2	0.0	0.1	403	55	348	25%	0
1262	French Creek State Park		MODERN CABIN 3-copied	KITCHEN	Cabin	Chandelier CFL 13W Screw In 4L	4	52	2520	LED 9W A19 Replacement 4L	4	38	2520	-	0	0.2	0.2	0.1	524	383	141	25%	0
1263	French Creek State Park		MODERN CABIN 3-copied	KITCHEN	Cabin	Chandelier LED 9W A	4	9	2520	LED 9W A19 Replacement	4	10	2520	-	0	0.0	0.0	0.0	91	96	-5	25%	0
1264	French Creek State Park		MODERN CABIN 3-copied	KITCHEN	Cabin	18" Undercabinet LED 10W	1	10	2520	No Action - Existing Efficient/LED Fixture	1	10	2520	-	0	0.0	0.0	0.0	25	25	0	25%	0
1265	French Creek State Park		MODERN CABIN 3-copied	BEDROOM 1	Cabin	Drum LED 9W A 2L	1	18	2520	LED 9W A19 Replacement 2L	1	19	2520	-	0	0.0	0.0	0.0	45	48	-3	25%	0
1266	French Creek State Park		MODERN CABIN 3-copied	BEDROOM 2	Cabin	Drum CFL 13W Screw In 2L	1	26	2520	LED 9W A19 Replacement 2L	1	19	2520	-	0	0.0	0.0	0.0	66	48	18	25%	0
1267	French Creek State Park		MODERN CABIN 3-copied	RESTROOM	Cabin	Ceiling Fan CFL 13W Screw In	1	13	2520	LED 9W A19 Replacement	1	10	2520	-	0	0.0	0.0	0.0	33	24	9	25%	0
1268	French Creek State Park		MODERN CABIN 3-copied	RESTROOM SHOWER	Cabin	6" Rec Can Inc 90W A	1	90	2520	LED 9W A19 Replacement	1	10	2520	-	0	0.1	0.0	0.1	227	24	203	25%	0
1269	French Creek State Park		MODERN CABIN 4-copied	PORCH	Exterior - Switch	Canopy LED 20W	1	20	1000	No Action - Existing Efficient/LED Fixture	1	20	1000	-	0	0.0	0.0	0.0	20	20	0	0%	0
1270	French Creek State Park		MODERN CABIN 4-copied	RESTROOM	Cabin	Drum CFL 23W Screw In 2L	1	46	2520	LED 9W A19 Replacement 2L	1	19	2520	-	0	0.0	0.0	0.0	116	48	68	25%	0
1271	French Creek State Park		MODERN CABIN 4-copied	RESTROOM	Cabin	Ceiling Fan Inc 40W C10 4L	1	160	2520	LED 5.5W B11 E12 Replacement 4L													



1310	French Creek State Park		MODERN CABIN 8-copied	RESTROOM	Cabin	Drum CFL 23W Screw In 2L	1	46	2520	LED 9W A19 Replacement 2L	1	19	2520	-	0	0.0	0.0	0.0	116	48	68	25%	0
1311	French Creek State Park		MODERN CABIN 8-copied	RESTROOM	Cabin	Ceiling Fan Inc 40W C10 4L	1	160	2520	LED 5.5W B11 E12 Replacement 4L	1	22	2520	-	0	0.2	0.0	0.1	403	55	348	25%	0
1312	French Creek State Park		MODERN CABIN 8-copied	KITCHEN	Cabin	Chandelier CFL 13W Screw In 4L	4	52	2520	LED 9W A19 Replacement 4L	4	38	2520	-	0	0.2	0.2	0.1	524	383	141	25%	0
1313	French Creek State Park		MODERN CABIN 8-copied	KITCHEN	Cabin	Chandelier LED 9W A	4	9	2520	LED 9W A19 Replacement	4	10	2520	-	0	0.0	0.0	0.0	91	96	-5	25%	0
1314	French Creek State Park		MODERN CABIN 8-copied	KITCHEN	Cabin	18" Undercabinet LED 10W	1	10	2520	No Action - Existing Efficient/LED Fixture	1	10	2520	-	0	0.0	0.0	0.0	25	25	0	25%	0
1315	French Creek State Park		MODERN CABIN 8-copied	BEDROOM 1	Cabin	Drum LED 9W A 2L	1	18	2520	LED 9W A19 Replacement 2L	1	19	2520	-	0	0.0	0.0	0.0	45	48	-3	25%	0
1316	French Creek State Park		MODERN CABIN 8-copied	BEDROOM 2	Cabin	Drum CFL 13W Screw In 2L	1	26	2520	LED 9W A19 Replacement 2L	1	19	2520	-	0	0.0	0.0	0.0	66	48	18	25%	0
1317	French Creek State Park		MODERN CABIN 8-copied	RESTROOM	Cabin	Ceiling Fan CFL 13W Screw In	1	13	2520	LED 9W A19 Replacement	1	10	2520	-	0	0.0	0.0	0.0	33	24	9	25%	0
1318	French Creek State Park		MODERN CABIN 8-copied	RESTROOM SHOWER	Cabin	6" Rec Can Inc 90W A	1	90	2520	LED 9W A19 Replacement	1	10	2520	-	0	0.1	0.0	0.1	227	24	203	25%	0
1319	French Creek State Park		MODERN CABIN 9-copied	PORCH	Exterior - Switch	Canopy LED 20W	1	20	1000	No Action - Existing Efficient/LED Fixture	1	20	1000	-	0	0.0	0.0	0.0	20	20	0	0%	0
1320	French Creek State Park		MODERN CABIN 9-copied	RESTROOM	Cabin	Drum CFL 23W Screw In 2L	1	46	2520	LED 9W A19 Replacement 2L	1	19	2520	-	0	0.0	0.0	0.0	116	48	68	25%	0
1321	French Creek State Park		MODERN CABIN 9-copied	RESTROOM	Cabin	Ceiling Fan Inc 40W C10 4L	1	160	2520	LED 5.5W B11 E12 Replacement 4L	1	22	2520	-	0	0.2	0.0	0.1	403	55	348	25%	0
1322	French Creek State Park		MODERN CABIN 9-copied	KITCHEN	Cabin	Chandelier CFL 13W Screw In 4L	4	52	2520	LED 9W A19 Replacement 4L	4	38	2520	-	0	0.2	0.2	0.1	524	383	141	25%	0
1323	French Creek State Park		MODERN CABIN 9-copied	KITCHEN	Cabin	Chandelier LED 9W A	4	9	2520	LED 9W A19 Replacement	4	10	2520	-	0	0.0	0.0	0.0	91	96	-5	25%	0
1324	French Creek State Park		MODERN CABIN 9-copied	KITCHEN	Cabin	18" Undercabinet LED 10W	1	10	2520	No Action - Existing Efficient/LED Fixture	1	10	2520	-	0	0.0	0.0	0.0	25	25	0	25%	0
1325	French Creek State Park		MODERN CABIN 9-copied	BEDROOM 1	Cabin	Drum LED 9W A 2L	1	18	2520	LED 9W A19 Replacement 2L	1	19	2520	-	0	0.0	0.0	0.0	45	48	-3	25%	0
1326	French Creek State Park		MODERN CABIN 9-copied	BEDROOM 2	Cabin	Drum CFL 13W Screw In 2L	1	26	2520	LED 9W A19 Replacement 2L	1	19	2520	-	0	0.0	0.0	0.0	66	48	18	25%	0
1327	French Creek State Park		MODERN CABIN 9-copied	RESTROOM	Cabin	Ceiling Fan CFL 13W Screw In	1	13	2520	LED 9W A19 Replacement	1	10	2520	-	0	0.0	0.0	0.0	33	24	9	25%	0
1328	French Creek State Park		MODERN CABIN 9-copied	RESTROOM SHOWER	Cabin	6" Rec Can Inc 90W A	1	90	2520	LED 9W A19 Replacement	1	10	2520	-	0	0.1	0.0	0.1	227	24	203	25%	0
1329	French Creek State Park		MODERN CABIN 10-copied	PORCH	Exterior - Switch	Canopy LED 20W	1	20	1000	No Action - Existing Efficient/LED Fixture	1	20	1000	-	0	0.0	0.0	0.0	20	20	0	0%	0
1330	French Creek State Park		MODERN CABIN 10-copied	RESTROOM	Cabin	Drum CFL 23W Screw In 2L	1	46	2520	LED 9W A19 Replacement 2L	1	19	2520	-	0	0.0	0.0	0.0	116	48	68	25%	0
1331	French Creek State Park		MODERN CABIN 10-copied	RESTROOM	Cabin	Ceiling Fan Inc 40W C10 4L	1	160	2520	LED 5.5W B11 E12 Replacement 4L	1	22	2520	-	0	0.2	0.0	0.1	403	55	348	25%	0
1332	French Creek State Park		MODERN CABIN 10-copied	KITCHEN	Cabin	Chandelier CFL 13W Screw In 4L	4	52	2520	LED 9W A19 Replacement 4L	4	38	2520	-	0	0.2	0.2	0.1	524	383	141	25%	0
1333	French Creek State Park		MODERN CABIN 10-copied	KITCHEN	Cabin	Chandelier LED 9W A	4	9	2520	LED 9W A19 Replacement	4	10	2520	-	0	0.0	0.0	0.0	91	96	-5	25%	0
1334	French Creek State Park		MODERN CABIN 10-copied	KITCHEN	Cabin	18" Undercabinet LED 10W	1	10	2520	No Action - Existing Efficient/LED Fixture	1	10	2520	-	0	0.0	0.0	0.0	25	25	0	25%	0
1335	French Creek State Park		MODERN CABIN 10-copied	BEDROOM 1	Cabin	Drum LED 9W A 2L	1	18	2520	LED 9W A19 Replacement 2L	1	19	2520	-	0	0.0	0.0	0.0	45	48	-3	25%	0
1336	French Creek State Park		MODERN CABIN 10-copied	BEDROOM 2	Cabin	Drum CFL 13W Screw In 2L	1	26	2520	LED 9W A19 Replacement 2L	1	19	2520	-	0	0.0	0.0	0.0	66	48	18	25%	0
1337	French Creek State Park		MODERN CABIN 10-copied	RESTROOM	Cabin	Ceiling Fan CFL 13W Screw In	1	13	2520	LED 9W A19 Replacement	1	10	2520	-	0	0.0	0.0	0.0	33	24	9	25%	0
1338	French Creek State Park		MODERN CABIN 10-copied	RESTROOM SHOWER	Cabin	6" Rec Can Inc 90W A	1	90	2520	LED 9W A19 Replacement	1	10	2520	-	0	0.1	0.0	0.1	227	24	203	25%	0
1339	French Creek State Park		ASSISTANT MANAGER RESIDENCE	PORCH	Exterior - Switch	Flood LED 17W PAR38 2L	1	34	1000	LED 13W PAR38 Replacement 2L	1	26	1000	-	0	0.0	0.0	0.0	34	26	8	0%	0
1340	French Creek State Park		ASSISTANT MANAGER RESIDENCE	PORCH	Exterior - Switch	Lantern CFL 23W Screw In	1	23	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	23	10	14	0%	0
1341	French Creek State Park		ASSISTANT MANAGER RESIDENCE	HALLWAY	Residence - Hall	Drum CFL 13W Screw In 2L	2	26	4321	LED 9W A19 Replacement 2L	2	19	4321	-	0	0.1	0.0	0.0	225	164	60	25%	0
1342	French Creek State Park		ASSISTANT MANAGER RESIDENCE	HALLWAY	Residence - Hall	Ceiling Fan LED 9W A 3L	1	27	4321	LED 9W A19 Replacement 3L	1	29	4321	-	0	0.0	0.0	0.0	117	123	-6	25%	0
1343	French Creek State Park		ASSISTANT MANAGER RESIDENCE	HALLWAY	Residence - Hall	Decorative Inc 60W A	2	60	4321	LED 9W A19 Replacement	2	10	4321	-	0	0.1	0.0	0.1	519	82	436	25%	0
1344	French Creek State Park		ASSISTANT MANAGER RESIDENCE	LIVING	Residence - Living Room	Ceiling Fan LED 9W A 4L	1	36	2912	LED 9W A19 Replacement 4L	1	38	2912	-	0	0.0	0.0	0.0	105	111	-6	25%	0
1345	French Creek State Park		ASSISTANT MANAGER RESIDENCE	LIVING	Residence - Living Room	Ceiling Fan CFL 13W Screw In 4L	1	52	2912	LED 9W A19 Replacement 4L	1	38	2912	-	0	0.1	0.0	0.0	151	111	41	25%	0
1346	French Creek State Park		ASSISTANT MANAGER RESIDENCE	HALLWAY	Residence - Hall	Drum CFL 13W Screw In 2L	1	26	4321	LED 9W A19 Replacement 2L	1	19	4321	-	0	0.0	0.0	0.0	112	82	30	25%	0
1347	French Creek State Park		ASSISTANT MANAGER RESIDENCE	RESTROOM	Residence - Bathroom	Vanity Empty E26	3	0	1000	LED 9W A19 Replacement	3	10	1000	-	0	0.0	0.0	0.0	0	29	-29	25%	0
1348	French Creek State Park		ASSISTANT MANAGER RESIDENCE	RESTROOM	Residence - Bathroom	Ceiling Fan LED 9W A	1	9	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	9	10	-1	25%	0
1349	French Creek State Park		ASSISTANT MANAGER RESIDENCE	BEDROOM	Residence - Bedroom	Ceiling Fan LED 9W A 4L	1	36	1000	LED 9W A19 Replacement 4L	1	38	1000	-	0	0.0	0.0	0.0	36	38	-2	25%	0
1350	French Creek State Park		ASSISTANT MANAGER RESIDENCE	BEDROOM	Residence - Bedroom	Ceiling Fan LED 9W A 4L	1	36	1000	LED 9W A19 Replacement 4L	1	38	1000	-	0	0.0	0.0	0.0	36	38	-2	25%	0
1351	French Creek State Park		ASSISTANT MANAGER RESIDENCE	BEDROOM	Emergency Only	Ceiling Fan LED 5W C10 4L	1	20	0	LED 5.5W B11 E12 Replacement 4L	1	22	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
1352	French Creek State Park		ASSISTANT MANAGER RESIDENCE	BEDROOM RESTROOM	Residence - Bathroom	Vanity LED 9W A 3L	1	27	1000	LED 9W A19 Replacement 3L	1	29	1000	-	0	0.0	0.0	0.0	27	29	-2	25%	0
1353	French Creek State Park		ASSISTANT MANAGER RESIDENCE	BEDROOM RESTROOM	Residence - Bathroom	Ceiling Fan LED 9W A	1	9	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	9	10	-1	25%	0
1354	French Creek State Park		ASSISTANT MANAGER RESIDENCE	STAIR	Hallways and Common Areas	Drum LED 9W A 2L	1	18	3977	LED 9W A19 Replacement 2L	1	19	3977	-	0	0.0	0.0	0.0	72	76	-4	25%	0
1355	French Creek State Park		ASSISTANT MANAGER RESIDENCE	BASEMENT LIVING	Residence - Living Room	Drum CFL 13W Screw In 2L	2	26	2912	LED 9W A19 Replacement 2L	2	19	2912	-	0	0.1	0.0	0.0	151	111	41	25%	0
1356	French Creek State Park		ASSISTANT MANAGER RESIDENCE	BASEMENT LIVING	Emergency Only	Ceiling Fan LED 5W C10 4L	1	20	0	LED 5.5W B11 E12 Replacement 4L	1	22	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
1357	French Creek State Park		ASSISTANT MANAGER RESIDENCE	BASEMENT	Residence - Living Room	2X4 Prism Rec 2L	3	72	2912	RT, 4' 10.5W DE LED 2L	3	21	2912	-	0	0.2	0.1	0.2	629	183	446	25%	0
1358	French Creek State Park		ASSISTANT MANAGER RESIDENCE	BASEMENT	Residence - Living Room	4' Industrial BP 2L	1	72	2912	RT, 4' 10.5W DE LED 2L	1	21	2912	-	0	0.1	0.0	0.1	210	61	149	25%	0
1359	French Creek State Park		ASSISTANT MANAGER RESIDENCE	BASEMENT	Residence - Living Room	Keyless CFL 23W Screw In	1	23	2912	LED 9W A19 Replacement	1	10	2912	-	0	0.0	0.0	0.0	67	28	39	25%	0
1360	French Creek State Park		AMPHITHEATER	CAMP SITE	Exterior - Dusk to Dawn	Barnlight LED 55W	1	55	4368	No Action - Existing Efficient/LED Fixture	1	55	4368	-	0	0.0	0.0	0.0	240	240	0	25%	0
1361	French Creek State Park		AMPHITHEATER	PARKING/WALKWAY	Exterior - Dusk to Dawn	Bollard CFL 13W 2P	21	17	4368	RT, LED 6W 2P GX23 Omni	21	6	4368	-	0	0.0	0.0	0.0	1,559	550	1,009	25%	0
1362	French Creek State Park		AMPHITHEATER	AMPHITHEATER	Exterior - Dusk to Dawn	Flood Inc 65 BR30 2L	5	130	4368	LED 13W PAR38 Replacement 2L	5	26	4368	-	0	0.0	0.0	0.0	2,839	568	2,271	25%	0
1363	French Creek State Park		AMPHITHEATER	AMPHITHEATER	Exterior - Dusk to Dawn	Bollard CFL 13W 2P	13	17	4368	RT, LED 6W 2P GX23 Omni	13	6	4368	-	0	0.0	0.0	0.0	965	341	625	25%	0
1364	French Creek State Park		AMPHITHEATER	AMPHITHEATER STORAGE	Storage Room	Keyless Inc 60W A	1	60	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	32	5	27	25%	0
1365	French Creek State Park		GUARD SHACK	GUARD SHACK	Comfort Stations & Secluded Restrooms	Jelly Jar CFL 13W Screw In	2	13	4410	LED 9W A19 Replacement	2	10	4410	-	0	0.0	0.0	0.0	115	84	31	0%	0
1366	French Creek State Park		GUARD SHACK	GUARD SHACK	Comfort Stations & Secluded Restrooms	4" Wrap LED 32W	2	32	4410	No Action - Existing Efficient/LED Fixture	2	32	4410	-	0	0.1	0.1	0.0	282	282	0	0%	0
1367	French Creek State Park		GUARD SHACK	GUARD SHACK	Comfort Stations & Secluded Restrooms	Drum LED 20W	1	20	4410	No Action - Existing Efficient/LED Fixture	1	20	4410	-	0	0.0	0.0	0.0	88	88	0	0%	0
1368	French Creek State Park		GUARD SHACK	GUARD SHACK	Restroom (Private)	Vanity CFL 13W Screw In	2	13	1000	LED 9W A19 Replacement	2	10	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
1369	French Creek State Park		A LOOP RESTROOM	A LOOP RESTROOM	Mechanical/Electrical Room	Jelly Jar CFL 13W Screw In	1	13	520	LED 9W A19 Replacement	1	10	520	-	0	0.0	0.0	0.0	7	5	2	0%	0
1370	French Creek State Park		A LOOP RESTROOM	A LOOP RESTROOM	Mechanical/Electrical Room	Jelly Jar Inc 60W A	2	60	520	LED 9W A19 Replacement	2	10	520	-	0	0.1	0.0	0.1	62	10	53	0%	0
1371	French Creek State Park		A LOOP RESTROOM	A LOOP RESTROOM	MENS RESTROOM	Jelly Jar LED 9W A	7	9	3500	LED 9W A19 Replacement	7	10	3500	-	0	0.1	0.1	0.0	221	233	-12	25%	0
1372																							

1411	French Creek State Park		MANAGER RESIDENCE	SHED	Storage Room	4' Wrap LED 32W	1	32	527	No Action - Existing Efficient/LED Fixture	1	32	527	-	0	0.0	0.0	0.0	17	17	0	25%	0
1412	French Creek State Park		MANAGER RESIDENCE	SHED	Storage Room	4' Industrial BP 2L 40W T12	4	80	527	RT, 4' 10.5W DE LED 2L	4	21	527	-	0	0.3	0.1	0.2	169	44	124	25%	0
1413	French Creek State Park	EXTERIOR	MANAGER RESIDENCE	MANAGER RESIDENCE	Exterior - Switch	Flood LED 17W PAR38 2L	1	34	1000	LED 13W PAR38 Replacement 2L	1	26	1000	-	0	0.0	0.0	0.0	34	26	8	0%	0
1414	French Creek State Park	EXTERIOR	MANAGER RESIDENCE	MANAGER RESIDENCE	Exterior - Switch	Keyless LED 9W A	1	9	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	9	10	-1	0%	0
1415	French Creek State Park		MANAGER RESIDENCE	BASEMENT	Residence - Living Room	4' Wrap LED 32W	7	32	2912	No Action - Existing Efficient/LED Fixture	7	32	2912	-	0	0.2	0.2	0.0	652	652	0	25%	0
1416	French Creek State Park		MANAGER RESIDENCE	BASEMENT STAIRS	Residence - Living Room	Keyless LED 9W A	1	9	2912	LED 9W A19 Replacement	1	10	2912	-	0	0.0	0.0	0.0	26	28	-1	25%	0
1417	French Creek State Park		MANAGER RESIDENCE	KITCHEN	Residence - Kitchen	6" Rec Can LED 15W	5	15	1000	No Action - Existing Efficient/LED Fixture	5	15	1000	-	0	0.1	0.1	0.0	75	75	0	25%	0
1418	French Creek State Park		MANAGER RESIDENCE	RESTROOM	Residence - Bathroom	Keyless LED 9W A	1	9	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	9	10	-1	25%	0
1419	French Creek State Park		MANAGER RESIDENCE	DINING	Residence - Living Room	Drum LED 20W	1	20	2912	No Action - Existing Efficient/LED Fixture	1	20	2912	-	0	0.0	0.0	0.0	58	58	0	25%	0
1420	French Creek State Park		MANAGER RESIDENCE	LIVING	Residence - Living Room	Track Head LED 9W A	3	9	2912	LED 10W PAR30 Replacement	3	10	2912	-	0	0.0	0.0	0.0	79	87	-9	25%	0
1421	French Creek State Park		MANAGER RESIDENCE	STAIR	Hallways and Common Areas	RLM LED 9W A	1	9	3977	LED 9W A19 Replacement	1	10	3977	-	0	0.0	0.0	0.0	36	38	-2	25%	0
1422	French Creek State Park		MANAGER RESIDENCE	STAIR	Hallways and Common Areas	Drum LED 20W	2	20	3977	No Action - Existing Efficient/LED Fixture	2	20	3977	-	0	0.0	0.0	0.0	159	159	0	25%	0
1423	French Creek State Park		MANAGER RESIDENCE	BEDROOM	Residence - Bedroom	Ceiling Fan LED 9W A 2L	1	18	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	18	19	-1	25%	0
1424	French Creek State Park		MANAGER RESIDENCE	BEDROOM	Residence - Bedroom	Drum LED 9W A 2L	1	18	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	18	19	-1	25%	0
1425	French Creek State Park		MANAGER RESIDENCE	RESTROOM	Residence - Bathroom	4' Strip LED 30W	1	30	1000	No Action - Existing Efficient/LED Fixture	1	30	1000	-	0	0.0	0.0	0.0	30	30	0	25%	0
1426	French Creek State Park		MANAGER RESIDENCE	RESTROOM	Residence - Bathroom	Ceiling Fan CFL 13W Screw In 3L	1	39	1000	LED 9W A19 Replacement 3L	1	29	1000	-	0	0.0	0.0	0.0	39	29	11	25%	0
1427	French Creek State Park		MANAGER RESIDENCE	RESTROOM	Residence - Bathroom	Ceiling Fan Inc 40W A	1	40	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	40	10	31	25%	0
1428	French Creek State Park		MANAGER RESIDENCE	TORCH	Residence - Living Room	Lantern Inc 40W G25 2L	3	80	2912	LED 6W G25 E26 Replacement 2L	3	12	2912	-	0	0.2	0.0	0.2	699	105	594	25%	0
1429	French Creek State Park		MANAGER RESIDENCE	TORCH	Residence - Living Room	6" Rec Can LED 12W	1	12	2912	No Action - Existing Efficient/LED Fixture	1	12	2912	-	0	0.0	0.0	0.0	35	35	0	25%	0
1430	French Creek State Park		GROUP CAMP 2 AND 1	UNIT 4 CABIN	Lodge	Keyless LED 9W A	1	9	3251	LED 9W A19 Replacement	1	10	3251	-	0	0.0	0.0	0.0	29	31	-2	25%	0
1431	French Creek State Park		GROUP CAMP 2 AND 1-copied	UNIT 4 CABIN-copied	Lodge	Keyless LED 9W A	1	9	3251	LED 9W A19 Replacement	1	10	3251	-	0	0.0	0.0	0.0	29	31	-2	25%	0
1432	French Creek State Park		GROUP CAMP 2 AND 1-copied	UNIT 4 CABIN-copied	Lodge	Keyless LED 9W A	1	9	3251	LED 9W A19 Replacement	1	10	3251	-	0	0.0	0.0	0.0	29	31	-2	25%	0
1433	French Creek State Park		GROUP CAMP 2 AND 1-copied	UNIT 4 CABIN-copied	Lodge	Keyless LED 9W A	1	9	3251	LED 9W A19 Replacement	1	10	3251	-	0	0.0	0.0	0.0	29	31	-2	25%	0
1434	French Creek State Park		GROUP CAMP 2 AND 1-copied	UNIT 4 CABIN-copied	Lodge	Keyless LED 9W A	1	9	3251	LED 9W A19 Replacement	1	10	3251	-	0	0.0	0.0	0.0	29	31	-2	25%	0
1435	French Creek State Park		GROUP CAMP 2 AND 1	UNIT 2 CABIN	Lodge	4' Schoolhouse BP 2L 32W TB	1	59	3251	RT, 4' 10.5W DE LED 2L	1	21	3251	-	0	0.1	0.0	0.0	192	68	124	25%	0
1436	French Creek State Park		GROUP CAMP 2 AND 1-copied	UNIT 2 CABIN-copied	Lodge	4' Schoolhouse BP 2L 32W TB	1	59	3251	RT, 4' 10.5W DE LED 2L	1	21	3251	-	0	0.1	0.0	0.0	192	68	124	25%	0
1437	French Creek State Park		GROUP CAMP RESTROOM	RESTROOM 1	Restroom	4' Vanity BP 2L 32W TB	1	59	3500	RT, 4' 10.5W DE LED 2L	1	21	3500	-	0	0.1	0.0	0.0	207	74	133	25%	0
1438	French Creek State Park		GROUP CAMP RESTROOM	RESTROOM 2	Restroom	4' Vanity BP 2L 32W TB	1	59	3500	RT, 4' 10.5W DE LED 2L	1	21	3500	-	0	0.1	0.0	0.0	207	74	133	25%	0
1439	French Creek State Park		GROUP CAMP RESTROOM	RESTROOM 3	Restroom	4' Vanity BP 2L 32W TB	1	59	3500	RT, 4' 10.5W DE LED 2L	1	21	3500	-	0	0.1	0.0	0.0	207	74	133	25%	0
1440	French Creek State Park		GROUP CAMP RESTROOM	RESTROOM 4	Restroom	4' Vaportight LED 40W	1	40	3500	No Action - Existing Efficient/LED Fixture	1	40	3500	-	0	0.0	0.0	0.0	140	140	0	25%	0
1441	French Creek State Park	EXTERIOR	GROUP CAMP RESTROOM	GROUP CAMP RESTROOM	Exterior - Dusk to Dawn	Rec Sq. HPS 100W	4	138	4368	LED 14W A21 Retrofit	4	14	4368	-	0	0.0	0.0	0.0	2,411	245	2,167	25%	0
1442	French Creek State Park		GROUP CAMP RESTROOM-copied	RESTROOM 1	Restroom	4' Vanity BP 2L 32W TB	1	59	3500	RT, 4' 10.5W DE LED 2L	1	21	3500	-	0	0.1	0.0	0.0	207	74	133	25%	0
1443	French Creek State Park		GROUP CAMP RESTROOM-copied	RESTROOM 2	Restroom	4' Vanity BP 2L 32W TB	1	59	3500	RT, 4' 10.5W DE LED 2L	1	21	3500	-	0	0.1	0.0	0.0	207	74	133	25%	0
1444	French Creek State Park		GROUP CAMP RESTROOM-copied	RESTROOM 3	Restroom	4' Vanity BP 2L 32W TB	1	59	3500	RT, 4' 10.5W DE LED 2L	1	21	3500	-	0	0.1	0.0	0.0	207	74	133	25%	0
1445	French Creek State Park		GROUP CAMP RESTROOM-copied	RESTROOM 4	Restroom	4' Vaportight LED 40W	1	40	3500	No Action - Existing Efficient/LED Fixture	1	40	3500	-	0	0.0	0.0	0.0	140	140	0	25%	0
1446	French Creek State Park	EXTERIOR	GROUP CAMP RESTROOM-copied	GROUP CAMP RESTROOM	Exterior - Dusk to Dawn	Rec Sq. HPS 100W	4	138	4368	LED 14W A21 Retrofit	4	14	4368	-	0	0.0	0.0	0.0	2,411	245	2,167	25%	0
1447	French Creek State Park		GROUP CAMP RESTROOM-copied	RESTROOM 1	Restroom	4' Vanity BP 2L 32W TB	1	59	3500	RT, 4' 10.5W DE LED 2L	1	21	3500	-	0	0.1	0.0	0.0	207	74	133	25%	0
1448	French Creek State Park		GROUP CAMP RESTROOM-copied	RESTROOM 2	Restroom	4' Vanity BP 2L 32W TB	1	59	3500	RT, 4' 10.5W DE LED 2L	1	21	3500	-	0	0.1	0.0	0.0	207	74	133	25%	0
1449	French Creek State Park		GROUP CAMP RESTROOM-copied	RESTROOM 3	Restroom	4' Vanity BP 2L 32W TB	1	59	3500	RT, 4' 10.5W DE LED 2L	1	21	3500	-	0	0.1	0.0	0.0	207	74	133	25%	0
1450	French Creek State Park		GROUP CAMP RESTROOM-copied	RESTROOM 4	Restroom	4' Vaportight LED 40W	1	40	3500	No Action - Existing Efficient/LED Fixture	1	40	3500	-	0	0.0	0.0	0.0	140	140	0	25%	0
1451	French Creek State Park	EXTERIOR	GROUP CAMP RESTROOM-copied	GROUP CAMP RESTROOM	Exterior - Dusk to Dawn	Rec Sq. HPS 100W	4	138	4368	LED 14W A21 Retrofit	4	14	4368	-	0	0.0	0.0	0.0	2,411	245	2,167	25%	0
1452	French Creek State Park		GROUP CAMP RESTROOM-copied	RESTROOM 1	Restroom	4' Vanity BP 2L 32W TB	1	59	3500	RT, 4' 10.5W DE LED 2L	1	21	3500	-	0	0.1	0.0	0.0	207	74	133	25%	0
1453	French Creek State Park		GROUP CAMP RESTROOM-copied	RESTROOM 2	Restroom	4' Vanity BP 2L 32W TB	1	59	3500	RT, 4' 10.5W DE LED 2L	1	21	3500	-	0	0.1	0.0	0.0	207	74	133	25%	0
1454	French Creek State Park		GROUP CAMP RESTROOM-copied	RESTROOM 3	Restroom	4' Vanity BP 2L 32W TB	1	59	3500	RT, 4' 10.5W DE LED 2L	1	21	3500	-	0	0.1	0.0	0.0	207	74	133	25%	0
1455	French Creek State Park		GROUP CAMP RESTROOM-copied	RESTROOM 4	Restroom	4' Vaportight LED 40W	1	40	3500	No Action - Existing Efficient/LED Fixture	1	40	3500	-	0	0.0	0.0	0.0	140	140	0	25%	0
1456	French Creek State Park	EXTERIOR	GROUP CAMP RESTROOM-copied	GROUP CAMP RESTROOM	Exterior - Dusk to Dawn	Rec Sq. HPS 100W	4	138	4368	LED 14W A21 Retrofit	4	14	4368	-	0	0.0	0.0	0.0	2,411	245	2,167	25%	0
1457	French Creek State Park		GROUP CAMP RESTROOM-copied	RESTROOM 1	Restroom	4' Vanity BP 2L 32W TB	1	59	3500	RT, 4' 10.5W DE LED 2L	1	21	3500	-	0	0.1	0.0	0.0	207	74	133	25%	0
1458	French Creek State Park		GROUP CAMP RESTROOM-copied	RESTROOM 2	Restroom	4' Vanity BP 2L 32W TB	1	59	3500	RT, 4' 10.5W DE LED 2L	1	21	3500	-	0	0.1	0.0	0.0	207	74	133	25%	0
1459	French Creek State Park		GROUP CAMP RESTROOM-copied	RESTROOM 3	Restroom	4' Vanity BP 2L 32W TB	1	59	3500	RT, 4' 10.5W DE LED 2L	1	21	3500	-	0	0.1	0.0	0.0	207	74	133	25%	0
1460	French Creek State Park		GROUP CAMP RESTROOM-copied	RESTROOM 4	Restroom	4' Vaportight LED 40W	1	40	3500	No Action - Existing Efficient/LED Fixture	1	40	3500	-	0	0.0	0.0	0.0	140	140	0	25%	0
1461	French Creek State Park	EXTERIOR	GROUP CAMP RESTROOM-copied	GROUP CAMP RESTROOM	Exterior - Dusk to Dawn	Rec Sq. HPS 100W	4	138	4368	LED 14W A21 Retrofit	4	14	4368	-	0	0.0	0.0	0.0	2,411	245	2,167	25%	0
1462	French Creek State Park		CAMP 2 UNIT LODGE	LODGE	Lodge	Keyless Inc 90W A	4	90	3251	LED 9W A19 Replacement	4	10	3251	-	0	0.4	0.0	0.3	1,170	124	1,047	25%	0
1463	French Creek State Park		CAMP 2 UNIT LODGE	LODGE	Lodge	Keyless CFL 23W Screw In	2	23	3251	LED 9W A19 Replacement	2	10	3251	-	0	0.0	0.0	0.0	150	62	88	25%	0
1464	French Creek State Park		CAMP 2 UNIT LODGE	LODGE	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
1465	French Creek State Park		CAMP 2 UNIT LODGE	LODGE	Exit Signs/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
1466	French Creek State Park	EXTERIOR	CAMP 2 UNIT LODGE	LODGE	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
1467	French Creek State Park		CAMP 2 UNIT LODGE-copied	LODGE	Lodge	Keyless Inc 90W A	4	90	3251	LED 9W A19 Replacement	4	10	3251	-	0	0.4	0.0	0.3	1,170	124	1,047	25%	0
1468	French Creek State Park		CAMP 2 UNIT LODGE-copied	LODGE	Lodge	Keyless CFL 23W Screw In	2	23	3251	LED 9W A19 Replacement	2	10	3251	-	0	0.0	0.0	0.0	150	62	88	25%	0
1469	French Creek State Park		CAMP 2 UNIT LODGE-copied	LODGE	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
1470	French Creek State Park		CAMP 2 UNIT LODGE-copied	LODGE	Exit Signs/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
1471	French Creek State Park	EXTERIOR	CAMP 2 UNIT LODGE-copied	LODGE	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
1472	French Creek State Park		CAMP 2 UNIT LODGE-copied	LODGE	Lodge	Keyless Inc 90W A	4	90	3251	LED 9W A19 Replacement	4	10	3251	-	0	0.4	0.0	0.3	1,170	124	1,047	25%	0
1473	French Creek State Park		CAMP 2 UNIT LODGE-copied																				

1512	French Creek State Park	EXTERIOR	GROUP CAMP 2 MESS HALL	Emergency Only	Emergency Fixture	3	0	0	No Action - Emergency Use Only	3	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0	
1513	French Creek State Park	EXTERIOR	GROUP CAMP 2 MESS HALL	Exterior - Dusk to Dawn	Jelly Jar CFL 23W Screw In	1	23	4368	LED 9W A19 Replacement	1	10	4368	-	0	0.0	0.0	0.0	100	41	59	25%	0	
1514	French Creek State Park		CAMP 2 UNIT 2	CAMP 2 UNIT 2 BATHROOM	Lodge	3	23	3251	LED 9W A19 Replacement	3	10	3251	-	0	0.1	0.0	0.0	224	93	132	25%	0	
1515	French Creek State Park		CAMP 2 CABIN	CAMP 2 CABIN	Cabin	3	23	2520	LED 9W A19 Replacement	3	10	2520	-	0	0.1	0.0	0.0	174	72	102	25%	0	
1516	French Creek State Park		WELL HOUSE A	MECHANICAL	Mechanical/Electrical Room	2	72	520	RT, 4' 10.5W DE LED 2L	2	21	520	-	0	0.1	0.0	0.1	75	22	53	0%	0	
1517	French Creek State Park		WELL HOUSE A	MECHANICAL	Mechanical/Electrical Room	1	130	520	Flood Inc 65 BR30 2L	1	26	520	-	0	0.1	0.0	0.1	68	14	54	0%	0	
1518	French Creek State Park		WELL HOUSE B	MECHANICAL	Mechanical/Electrical Room	2	72	520	RT, 4' 10.5W DE LED 2L	2	21	520	-	0	0.1	0.0	0.1	75	22	53	0%	0	
1519	French Creek State Park		WELL HOUSE B	MECHANICAL	Mechanical/Electrical Room	1	130	520	Flood Inc 65 BR30 2L	1	26	520	-	0	0.1	0.0	0.1	68	14	54	0%	0	
1520	French Creek State Park		GROUP CAMP 1 MESS HALL	KITCHEN	Lodge	4	72	3251	RT, 4' 10.5W DE LED 2L	4	21	3251	-	0	0.3	0.1	0.2	936	273	663	25%	0	
1521	French Creek State Park		GROUP CAMP 1 MESS HALL	KITCHEN	Lodge	8	59	3251	RT, 4' 10.5W DE LED 2L	8	21	3251	-	0	0.5	0.2	0.3	1,534	546	988	25%	0	
1522	French Creek State Park		GROUP CAMP 1 MESS HALL	KITCHEN	Emergency Only	Emergency Fixture	3	0	0	No Action - Emergency Use Only	3	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
1523	French Creek State Park		GROUP CAMP 1 MESS HALL	KITCHEN	Exit Signs/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
1524	French Creek State Park		GROUP CAMP 1 MESS HALL	KITCHEN	Lodge	Keyless Inc 60W A	1	60	3251	LED 9W A19 Replacement	1	10	3251	-	0	0.1	0.0	0.1	195	31	164	25%	0
1525	French Creek State Park		GROUP CAMP 1 MESS HALL	STORAGE	Storage Room	4' Vaportight BP 2L 32W T8	1	59	527	RT, 4' 10.5W DE LED 2L	1	21	527	-	0	0.1	0.0	0.0	31	11	20	25%	0
1526	French Creek State Park		GROUP CAMP 1 MESS HALL	DINING	Lodge	Chandelier Inc 40W G25 5L	5	200	3251	LED 6W G25 E26 Replacement 5L	5	30	3251	-	0	1.0	0.2	0.9	3,251	488	2,763	25%	0
1527	French Creek State Park		GROUP CAMP 1 MESS HALL	DINING	Lodge	RLM CFL 23W Screw In	6	23	3251	LED 9W A19 Replacement	6	10	3251	-	0	0.1	0.1	0.1	449	185	263	25%	0
1528	French Creek State Park		GROUP CAMP 1 MESS HALL	DINING	Lodge	Keyless LED 9W A	6	9	3251	LED 9W A19 Replacement	6	10	3251	-	0	0.1	0.1	0.0	176	185	-10	25%	0
1529	French Creek State Park		GROUP CAMP 1 MESS HALL	DINING	Exit Signs/Night Lights	Exit Sign LED	3	3	8760	No Action - Existing Efficient/LED Fixture	3	3	8760	-	0	0.0	0.0	0.0	79	79	0	0%	0
1530	French Creek State Park		GROUP CAMP 1 MESS HALL	DINING	Emergency Only	Emergency Fixture	2	0	0	No Action - Emergency Use Only	2	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
1531	French Creek State Park		GROUP CAMP 1 MESS HALL	HOOD	Lodge	Jelly Jar LED 9W A	1	9	3251	LED 9W A19 Replacement	1	10	3251	-	0	0.0	0.0	0.0	29	31	-2	25%	0
1532	French Creek State Park		GROUP CAMP 1 MESS HALL	COOLER	Storage Room	Jelly Jar CFL 23W Screw In	1	23	527	LED 9W A19 Replacement	1	10	527	-	0	0.0	0.0	0.0	12	5	7	25%	0
1533	French Creek State Park	EXTERIOR	GROUP CAMP 1 MESS HALL	EXTERIOR STORAGE	Storage Room	RLM Inc 60W A	1	60	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	32	5	27	25%	0
1534	French Creek State Park	EXTERIOR	GROUP CAMP 1 MESS HALL	GROUP CAMP 1 MESS HALL	Exterior - Dusk to Dawn	Jelly Jar LED 9W A	1	9	4368	LED 9W A19 Replacement	1	10	4368	-	0	0.0	0.0	0.0	39	41	-2	25%	0
1535	French Creek State Park	EXTERIOR	GROUP CAMP 1 MESS HALL	GROUP CAMP 1 MESS HALL	Emergency Only	Emergency Fixture	4	0	0	No Action - Emergency Use Only	4	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
1536	French Creek State Park	EXTERIOR	GROUP CAMP 1 MESS HALL	GROUP CAMP 1 MESS HALL	Exterior - Dusk to Dawn	Jelly Jar CFL 13W Screw In	2	13	4368	LED 9W A19 Replacement	2	10	4368	-	0	0.0	0.0	0.0	114	83	31	25%	0
1537	French Creek State Park	EXTERIOR	GROUP CAMP 1 MESS HALL	GROUP CAMP 1 MESS HALL	Exterior - Dusk to Dawn	Keyless CFL 13W Screw In	1	13	4368	LED 9W A19 Replacement	1	10	4368	-	0	0.0	0.0	0.0	57	41	15	25%	0
1538	French Creek State Park		STAFF QUARTERS	STAFF QUARTER 1 AND 2	Lodge	Keyless CFL 23W Screw In	5	23	3251	LED 9W A19 Replacement	5	10	3251	-	0	0.1	0.0	0.1	374	154	219	25%	0
1539	French Creek State Park		GROUP CAMP 1 SHOWER HOUSE	MENS SHOWER	Comfort Stations & Secluded Restrooms	RLM LED 9W A	1	9	4410	LED 9W A19 Replacement	1	10	4410	-	0	0.0	0.0	0.0	40	42	-2	0%	0
1540	French Creek State Park		GROUP CAMP 1 SHOWER HOUSE	MENS SHOWER	Comfort Stations & Secluded Restrooms	RLM CFL 23W Screw In	1	23	4410	LED 9W A19 Replacement	1	10	4410	-	0	0.0	0.0	0.0	101	42	60	0%	0
1541	French Creek State Park		GROUP CAMP 1 SHOWER HOUSE	WOMENS SHOWER	Comfort Stations & Secluded Restrooms	Keyless CFL 23W Screw In	2	23	4410	LED 9W A19 Replacement	2	10	4410	-	0	0.0	0.0	0.0	203	84	119	0%	0
1542	French Creek State Park	EXTERIOR	GROUP CAMP 1 SHOWER HOUSE	GROUP CAMP 1 SHOWER HOUSE	Exterior - Dusk to Dawn	Jelly Jar CFL 23W Screw In	2	23	4368	LED 9W A19 Replacement	2	10	4368	-	0	0.0	0.0	0.0	201	83	118	25%	0
1543	French Creek State Park		HOPEWELL RESTROOM	MENS RESTROOM	Restroom	4' Wrap LED 32W	3	32	2625	No Action - Existing Efficient/LED Fixture	3	32	2625	-	0	0.1	0.1	0.0	252	252	0	25%	0
1544	French Creek State Park		HOPEWELL RESTROOM	WOMENS RESTROOM	Restroom	4' Wrap LED 32W	3	32	2625	No Action - Existing Efficient/LED Fixture	3	32	2625	-	0	0.1	0.1	0.0	252	252	0	25%	0
1545	French Creek State Park		HOPEWELL RESTROOM	MECHANICAL	Mechanical/Electrical Room	None Existing	1	0	520	No Action	1	0	520	-	0	0.0	0.0	0.0	0	0	0	0%	0
1546	French Creek State Park		Lagoon Lab Building	Lagoons Building Lab	Mechanical/Electrical Room	Keyless Inc 90W A	4	90	520	LED 9W A19 Replacement	4	10	520	-	0	0.4	0.0	0.3	187	20	167	0%	0
1547	French Creek State Park		Lagoon Lab Building	Lagoons Building Lab	Mechanical/Electrical Room	Keyless CFL 23W Screw In	2	23	520	LED 9W A19 Replacement	2	10	520	-	0	0.0	0.0	0.0	24	10	14	0%	0
1548	French Creek State Park		Lagoon Lab Building	Lagoons Building Lab	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
1549	French Creek State Park		Lagoon Lab Building	Lagoons Building Lab	Exit Signs/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
1550	French Creek State Park		Lagoon Lab Building	Lagoons Building Lab	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
1551	French Creek State Park		Grubbs Cabin	PORCH	Exterior - Switch	Canopy LED 20W	1	20	1000	No Action - Existing Efficient/LED Fixture	1	20	1000	-	0	0.0	0.0	0.0	20	20	0	0%	0
1552	French Creek State Park		Grubbs Cabin	RESTROOM	Cabin	Drum CFL 23W Screw In 2L	1	46	2520	LED 9W A19 Replacement 2L	1	19	2520	-	0	0.0	0.0	0.0	116	48	68	25%	0
1553	French Creek State Park		Grubbs Cabin	RESTROOM	Cabin	Ceiling Fan Inc 40W C10 4L	1	160	2520	LED 5.5W B11 E12 Replacement 4L	1	22	2520	-	0	0.2	0.0	0.1	403	55	348	25%	0
1554	French Creek State Park		Grubbs Cabin	KITCHEN	Cabin	Chandelier CFL 13W Screw In 4L	4	52	2520	LED 9W A19 Replacement 4L	4	38	2520	-	0	0.2	0.2	0.1	524	383	141	25%	0
1555	French Creek State Park		Grubbs Cabin	KITCHEN	Cabin	Chandelier LED 9W A	4	9	2520	LED 9W A19 Replacement	4	10	2520	-	0	0.0	0.0	0.0	91	96	-5	25%	0
1556	French Creek State Park		Grubbs Cabin	KITCHEN	Cabin	18" Undercabinet LED 10W	1	10	2520	No Action - Existing Efficient/LED Fixture	1	10	2520	-	0	0.0	0.0	0.0	25	25	0	25%	0
1557	French Creek State Park		Grubbs Cabin	BEDROOM 1	Cabin	Drum LED 9W A 2L	1	18	2520	LED 9W A19 Replacement 2L	1	19	2520	-	0	0.0	0.0	0.0	45	48	-3	25%	0
1558	French Creek State Park		Grubbs Cabin	BEDROOM 2	Cabin	Drum CFL 13W Screw In 2L	1	26	2520	LED 9W A19 Replacement 2L	1	19	2520	-	0	0.0	0.0	0.0	66	48	18	25%	0
1559	French Creek State Park		Grubbs Cabin	RESTROOM	Cabin	Ceiling Fan CFL 13W Screw In	1	13	2520	LED 9W A19 Replacement	1	10	2520	-	0	0.0	0.0	0.0	33	24	9	25%	0
1560	French Creek State Park		Grubbs Cabin	RESTROOM SHOWER	Cabin	6" Rec Can Inc 90W A	1	90	2520	LED 9W A19 Replacement	1	10	2520	-	0	0.1	0.0	0.1	227	24	203	25%	0
1561	French Creek State Park		Cottage 1	INTERIOR	Cabin	Ceiling Fan CFL 13W Screw In 3L	1	39	2520	LED 9W A19 Replacement 3L	1	29	2520	-	0	0.0	0.0	0.0	98	72	26	25%	0
1562	French Creek State Park		Cottage 1	PORCH	Exterior - Switch	Lantern LED 9W A	1	9	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	9	10	-1	0%	0
1563	French Creek State Park		Cottage 2	INTERIOR	Cabin	Ceiling Fan CFL 13W Screw In 3L	1	39	2520	LED 9W A19 Replacement 3L	1	29	2520	-	0	0.0	0.0	0.0	98	72	26	25%	0
1564	French Creek State Park		Cottage 2	PORCH	Exterior - Switch	Lantern LED 9W A	1	9	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	9	10	-1	0%	0
1565	French Creek State Park		Cottage 3	INTERIOR	Cabin	Ceiling Fan CFL 13W Screw In 3L	1	39	2520	LED 9W A19 Replacement 2L	1	29	2520	-	0	0.0	0.0	0.0	98	72	26	25%	0
1566	French Creek State Park		Cottage 3	PORCH	Exterior - Switch	Lantern LED 9W A	1	9	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	9	10	-1	0%	0
1567	French Creek State Park		Yurt 1	INTERIOR	Cabin	Ceiling Fan CFL 13W Screw In 3L	1	39	2520	LED 9W A19 Replacement 3L	1	29	2520	-	0	0.0	0.0	0.0	98	72	26	25%	0
1568	French Creek State Park		Yurt 1	PORCH	Exterior - Switch	Lantern LED 9W A	1	9	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	9	10	-1	0%	0
1569	French Creek State Park		Yurt 2	INTERIOR	Cabin	Ceiling Fan CFL 13W Screw In 3L	1	39	2520	LED 9W A19 Replacement 3L	1	29	2520	-	0	0.0	0.0	0.0	98	72	26	25%	0
1570	French Creek State Park		Yurt 2	PORCH	Exterior - Switch	Lantern LED 9W A	1	9	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	9	10	-1	0%	0
1571	French Creek State Park		03112-046 D Loop Washhouse- 503	MENS SHOWER	Comfort Stations & Secluded Restrooms	4' Wrap BP 2L	20	72	4410	RT, 4' 10.5W DE LED 2L	20	21	4410	-	0	1.4	0.4	1.0	6,351	1,852	4,498	0%	0
1572	French Creek State Park		03112-046 D Loop Washhouse- 503	WOMENS SHOWER	Comfort Stations & Secluded Restrooms	4' Wrap BP 2L	20	72	4410	RT, 4' 10.5W DE LED 2L	20	21	4410	-	0	1.4	0.4	1.0	6,351	1,852	4,498	0%	0
1573	French Creek State Park		03112-046 D Loop Washhouse- 503	MECHANICAL	Mechanical/Electrical Room	4' Wrap BP 2L 32W T8	1	59	520	RT, 4' 10.5W DE LED 2L	1	21	520	-	0	0.1	0.0	0.0	31	11	20	0%	0
1574	French Creek State Park		03112-046 D Loop Washhouse- 503	PIPECHASE	Mechanical/Electrical Room	Jelly Jar CFL 23W Screw In	2	23	520	LED 9W A19 Replacement	2	10	520	-	0	0.0	0.0	0.0	24	10	14	0%	0
1575	French Creek State Park		03112-012 Plumbing & Electric Building	Garage Bays	Maintenance & Garages	High Bay MH 400W	4	458	2350	High Bay LED 17.7 klm	4	135	2350	-	0	1.8	0.5	1.3	4,305	1,269	3,0		

1613	French Creek State Park		03112-069 Barn 2	EXTERIOR	Exterior - Dusk to Dawn	Flood Empty E26	1	0	4368	LED 13W PAR38 Replacement	1	13	4368	-	0	0.0	0.0	0.0	0	57	-57	25%	0
1614	French Creek State Park		03112-070 Wash House	MENS SHOWER	Comfort Stations & Secluded Restrooms	4" Wrap BP 2L	20	72	4410	RT, 4' 10.5W DE LED 2L	20	21	4410	-	0	1.4	0.4	1.0	6,351	1,852	4,498	0%	0
1615	French Creek State Park		03112-070 Wash House	WOMENS SHOWER	Comfort Stations & Secluded Restrooms	4" Wrap BP 2L	20	72	4410	RT, 4' 10.5W DE LED 2L	20	21	4410	-	0	1.4	0.4	1.0	6,351	1,852	4,498	0%	0
1616	French Creek State Park		03112-070 Wash House	MECHANICAL	Mechanical/Electrical Room	4" Wrap BP 2L 32W T8	1	59	520	RT, 4' 10.5W DE LED 2L	1	21	520	-	0	0.1	0.0	0.0	31	11	20	0%	0
1617	French Creek State Park		03112-070 Wash House	PIPECHASE	Mechanical/Electrical Room	Jelly Jar CFL 23W Screw In	2	23	520	LED 9W A19 Replacement	2	10	520	-	0	0.0	0.0	0.0	24	10	14	0%	0
1618	French Creek State Park		03112-08 Pole Barn	SHOP	Maintenance & Garages	4" Wrap BP 4L 32W T8	7	112	2350	RT, 4' 10.5W DE LED 4L	7	42	2350	-	0	0.8	0.3	0.5	1,842	691	1,151	25%	0
1619	French Creek State Park		03112-08 Pole Barn	BENCH	Maintenance & Garages	2X4 Prism Rec 4L 32W T8	2	112	2350	RT, 4' 10.5W DE LED 4L	2	42	2350	-	0	0.2	0.1	0.1	526	197	329	25%	0
1620	French Creek State Park		03112-08 Pole Barn	STORAGE BAY	Storage Room	Keyless LED 15W A	9	15	527	LED 9W A19 Replacement	9	10	527	-	0	0.1	0.1	0.0	71	45	26	25%	0
1621	French Creek State Park		03112-08 Pole Barn	EXTERIOR	Exterior - Dusk to Dawn	Wall Pack LED 14W	2	14	4368	No Action - Existing Efficient/LED Fixture	2	14	4368	-	0	0.0	0.0	0.0	122	122	0	25%	0
1622	French Creek State Park		03112-08 Pole Barn	EXTERIOR	Exterior - Dusk to Dawn	Flood CFL 13W Screw In 2L	1	26	4368	LED 13W PAR38 Replacement 2L	1	26	4368	-	0	0.0	0.0	0.0	114	114	0	25%	0
1623	French Creek State Park		03112-117 Comfort Station	MECHANICAL	Mechanical/Electrical Room	RLM CFL 23W Screw In	1	23	520	LED 9W A19 Replacement	1	10	520	-	0	0.0	0.0	0.0	12	5	7	0%	0
1624	French Creek State Park		03112-117 Comfort Station	MENS RESTROOM	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 23W Screw In	6	23	4410	LED 9W A19 Replacement	6	10	4410	-	0	0.1	0.1	0.1	609	251	357	0%	0
1625	French Creek State Park		03112-117 Comfort Station	WOMENS RESTROOM	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 23W Screw In	6	23	4410	LED 9W A19 Replacement	6	10	4410	-	0	0.1	0.1	0.1	609	251	357	0%	0
1626	French Creek State Park		03112-117 Comfort Station	EXTERIOR	Exterior - Dusk to Dawn	RLM CFL 23W Screw In	2	23	4368	LED 9W A19 Replacement	2	10	4368	-	0	0.0	0.0	0.0	201	83	118	25%	0
1627	French Creek State Park		03112-117 Comfort Station	PIPECHASE	Mechanical/Electrical Room	Keyless CFL 23W Screw In	2	23	520	LED 9W A19 Replacement	2	10	520	-	0	0.0	0.0	0.0	24	10	14	0%	0
1628	French Creek State Park		03112-118 First Aid- 506	MECHANICAL	Mechanical/Electrical Room	Keyless CFL 23W Screw In	1	23	520	LED 9W A19 Replacement	1	10	520	-	0	0.0	0.0	0.0	12	5	7	0%	0
1629	French Creek State Park		03112-118 First Aid- 506	BEDROOM	Comfort Stations & Secluded Restrooms	Keyless CFL 13W Screw In	1	13	4410	LED 9W A19 Replacement	1	10	4410	-	0	0.0	0.0	0.0	57	42	15	0%	0
1630	French Creek State Park		03112-118 First Aid- 506	CENTER SECTION	Comfort Stations & Secluded Restrooms	Keyless LED 9W A	1	9	4410	LED 9W A19 Replacement	1	10	4410	-	0	0.0	0.0	0.0	40	42	-2	0%	0
1631	French Creek State Park		03112-118 First Aid- 506	CENTER SECTION	Comfort Stations & Secluded Restrooms	Keyless Inc 90W A	1	90	4410	LED 9W A19 Replacement	1	10	4410	-	0	0.1	0.0	0.1	397	42	355	0%	0
1632	French Creek State Park		03112-118 First Aid- 506	BEDROOM	Comfort Stations & Secluded Restrooms	Keyless LED 9W A	1	9	4410	LED 9W A19 Replacement	1	10	4410	-	0	0.0	0.0	0.0	40	42	-2	0%	0
1633	French Creek State Park		03112-118 First Aid- 506	BEDROOM	Comfort Stations & Secluded Restrooms	Keyless LED 9W A 2L	1	18	4410	LED 9W A19 Replacement	1	10	4410	-	0	0.0	0.0	0.0	79	42	37	0%	0
1634	French Creek State Park		03112-118 First Aid- 506	RESTROOM	Comfort Stations & Secluded Restrooms	4" Schoolhouse BP 2L 32W T8	1	59	4410	RT, 4' 10.5W DE LED 2L	1	21	4410	-	0	0.1	0.0	0.0	260	93	168	0%	0
1635	French Creek State Park		03112-118 First Aid- 506	RESTROOM	Exit Signs/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
1636	French Creek State Park		03112-118 First Aid- 506	EXTERIOR	Exterior - Dusk to Dawn	Jelly Jar Inc 60W A	4	60	4368	LED 9W A19 Replacement	4	10	4368	-	0	0.0	0.0	0.0	1,048	166	882	25%	0
1637	French Creek State Park		03112-146 Chapel	MAIN OFFICE	Open Office	8" Wrap BP 4L	1	144	3500	RT, 4' 10.5W DE LED 4L	1	42	3500	-	0	0.1	0.0	0.1	504	147	357	25%	0
1638	French Creek State Park		03112-146 Chapel	MAIN OFFICE	Open Office	8" Wrap BP 4L 32W T8	3	112	3500	RT, 4' 10.5W DE LED 4L	3	42	3500	-	0	0.3	0.1	0.2	1,176	441	735	25%	0
1639	French Creek State Park		03112-146 Chapel	HALLWAY	Hallways and Common Areas	8" Wrap BP 4L 32W T8	1	112	3977	RT, 4' 10.5W DE LED 4L	1	42	3977	-	0	0.1	0.0	0.1	445	167	278	25%	0
1640	French Creek State Park		03112-146 Chapel	OFFICE	Private Office	8" Wrap BP 4L 32W T8	1	112	2500	RT, 4' 10.5W DE LED 4L	1	42	2500	-	0	0.1	0.0	0.1	280	105	175	25%	0
1641	French Creek State Park		03112-146 Chapel	OFFICE	Private Office	8" Wrap BP 4L	1	144	2500	RT, 4' 10.5W DE LED 4L	1	42	2500	-	0	0.1	0.0	0.1	360	105	255	25%	0
1642	French Creek State Park		03112-146 Chapel	OFFICE	Private Office	8" Wrap BP 4L	2	144	2500	RT, 4' 10.5W DE LED 4L	2	42	2500	-	0	0.3	0.1	0.2	720	210	510	25%	0
1643	French Creek State Park		03112-146 Chapel	WOMENS RESTROOM	Restroom	4" Vaportight BP 2L 32W T8	1	59	3500	RT, 4' 10.5W DE LED 2L	1	21	3500	-	0	0.1	0.0	0.0	207	74	133	25%	0
1644	French Creek State Park		03112-146 Chapel	WOMENS RESTROOM	Restroom	4" Vaportight BP 2L	1	72	3500	RT, 4' 10.5W DE LED 2L	1	21	3500	-	0	0.1	0.0	0.1	252	74	179	25%	0
1645	French Creek State Park		03112-146 Chapel	IANITOR	Storage Room	4" Wrap BP 2L	1	72	527	RT, 4' 10.5W DE LED 2L	1	21	527	-	0	0.1	0.0	0.1	38	11	27	25%	0
1646	French Creek State Park		03112-146 Chapel	FILE ROOM	Storage Room	4" Wrap BP 2L 32W T8	1	59	527	RT, 4' 10.5W DE LED 2L	1	21	527	-	0	0.1	0.0	0.0	31	11	20	25%	0
1647	French Creek State Park		03112-146 Chapel	FILE ROOM	Storage Room	8" Wrap BP 4L	1	144	527	RT, 4' 10.5W DE LED 4L	1	42	527	-	0	0.1	0.0	0.1	76	22	54	25%	0
1648	French Creek State Park		03112-146 Chapel	BREAK ROOM	Break Room	8" Wrap BP 4L	1	144	1230	RT, 4' 10.5W DE LED 4L	1	42	1230	-	0	0.1	0.0	0.1	177	52	126	25%	0
1649	French Creek State Park		03112-146 Chapel	BREAK ROOM	Break Room	8" Wrap BP 4L	1	144	1230	RT, 4' 10.5W DE LED 4L	1	42	1230	-	0	0.1	0.0	0.1	177	52	126	25%	0
1650	French Creek State Park		03112-146 Chapel	STORAGE	Storage Room	2X4 Prism Rec 4L	1	144	527	RT, 4' 10.5W DE LED 4L	1	42	527	-	0	0.1	0.0	0.1	76	22	54	25%	0
1651	French Creek State Park		03112-146 Chapel	HALLWAY	Hallways and Common Areas	4" Wrap BP 2L	3	72	3977	RT, 4' 10.5W DE LED 2L	3	21	3977	-	0	0.2	0.1	0.2	859	251	608	25%	0
1652	French Creek State Park		03112-146 Chapel	HALLWAY	Exit Signs/Night Lights	Exit Sign Inc	1	30	8760	Exit Sign LED BB	1	3	8760	-	0	0.0	0.0	0.0	263	26	237	0%	0
1653	French Creek State Park		03112-146 Chapel	HALLWAY	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
1654	French Creek State Park		03112-146 Chapel	MANAGERS OFFICE	Private Office	2X4 PSQ Rec 4L	4	144	2500	RT, 4' 10.5W DE LED 4L	4	42	2500	-	0	0.6	0.2	0.4	1,440	420	1,020	25%	0
1655	French Creek State Park		03112-146 Chapel	OFFICE	Private Office	2X4 PSQ Rec 4L	2	144	2500	RT, 4' 10.5W DE LED 4L	2	42	2500	-	0	0.3	0.1	0.2	720	210	510	25%	0
1656	French Creek State Park		03112-146 Chapel	LOCKER ROOM	Locker-room	2X4 PSQ Rec 4L	1	144	4400	RT, 4' 10.5W DE LED 4L	1	42	4400	-	0	0.1	0.0	0.1	634	185	449	25%	0
1657	French Creek State Park		03112-146 Chapel	STORAGE	Storage Room	4" Wrap BP 2L	2	72	527	RT, 4' 10.5W DE LED 2L	2	21	527	-	0	0.1	0.0	0.1	76	22	54	25%	0
1658	French Creek State Park		03112-146 Chapel	STAIRS	Hallways and Common Areas	4" Wrap BP 2L	3	72	3977	RT, 4' 10.5W DE LED 2L	3	21	3977	-	0	0.2	0.1	0.2	859	251	608	25%	0
1659	French Creek State Park		03112-146 Chapel	STAIRS	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
1660	French Creek State Park		03112-146 Chapel	LOWER LEVEL OFFICE	Open Office	2X4 Prism Rec 4L	8	144	3500	RT, 4' 10.5W DE LED 4L	8	42	3500	-	0	1.2	0.3	0.8	4,032	1,176	2,856	25%	0
1661	French Creek State Park		03112-146 Chapel	LOWER LEVEL OFFICE	Exit Signs/Night Lights	Exit Sign Inc	2	30	8760	Exit Sign LED BB	2	3	8760	-	0	0.1	0.0	0.1	526	53	473	0%	0
1662	French Creek State Park		03112-146 Chapel	LOWER LEVEL OFFICE	Open Office	2x2 Prism Rec 2L 32W U6 T8	2	59	3500	RT, 2' 7W DE LED 2L, 2x2 Refl Kit	2	14	3500	-	0	0.1	0.0	0.1	413	98	315	25%	0
1663	French Creek State Park		03112-146 Chapel	EXTERIOR	Exterior - Dusk to Dawn	Wall Pack LED 9W A	1	9	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	39	87	-48	25%	0
1664	French Creek State Park		03112-146 Chapel	EXTERIOR	Exterior - Dusk to Dawn	Wall Pack LED 9W A	1	9	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	39	87	-48	25%	0
1665	French Creek State Park		03112-146 Chapel	EXTERIOR	Exterior - Dusk to Dawn	Flood MV 100W	2	128	4368	Flood LED 2.1 klm UNV	2	15	4368	-	0	0.0	0.0	0.0	1,118	131	987	25%	0
1666	French Creek State Park		03112-146 Chapel	EXTERIOR	Exterior - Dusk to Dawn	Wall Pack LED 9W A	1	9	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	39	87	-48	25%	0
1667	French Creek State Park		03112-146 Chapel	EXTERIOR	Exterior - Dusk to Dawn	Wall Pack LED 9W A	2	9	4368	Wall Pack LED SEC 2.5 klm PC	2	20	4368	-	0	0.0	0.0	0.0	79	175	-96	25%	0
1668	French Creek State Park		03112-146 Chapel	EXTERIOR	Exterior - Dusk to Dawn	Flood MV 100W	2	128	4368	Flood LED 2.1 klm UNV	2	15	4368	-	0	0.0	0.0	0.0	1,118	131	987	25%	0
1669	French Creek State Park		03112-146 Chapel	EXTERIOR	Exterior - Dusk to Dawn	Flood LED 13W PAR38	1	17	4368	LED 13W PAR38 Replacement	1	13	4368	-	0	0.0	0.0	0.0	74	57	17	25%	0
1670	French Creek State Park		03112-171 Pool Picnic Shelter	Mens Restroom	Comfort Stations & Secluded Restrooms	4" Vaportight BP 2L 32W T8	2	59	4410	RT, 4' 10.5W DE LED 2L	2	21	4410	-	0	0.1	0.0	0.1	520	185	335	0%	0
1671	French Creek State Park		03112-171 Pool Picnic Shelter	Pipe Chase	Mechanical/Electrical Room	4" Vaportight BP 2L 32W T8	1	59	520	RT, 4' 10.5W DE LED 2L	1	21	520	-	0	0.1	0.0	0.1	31	11	20	0%	0
1672	French Creek State Park		03112-171 Pool Picnic Shelter	Womens Restroom	Comfort Stations & Secluded Restrooms	4" Vaportight BP 2L 32W T8	2	59	4410	RT, 4' 10.5W DE LED 2L	2	21	4410	-	0	0.1	0.0	0.1					



1714	French Creek State Park		Cook's Quarters	RESTROOM	Residence - Bathroom	Drum CFL 23W Screw In 2L	1	46	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	46	19	27	25%	0
1715	French Creek State Park		Cook's Quarters	RESTROOM	Residence - Bathroom	Ceiling Fan Inc 40W C10 4L	1	160	1000	LED 5.5W B11 E12 Replacement 4L	1	22	1000	-	0	0.2	0.0	0.1	160	22	138	25%	0
1716	French Creek State Park		Cook's Quarters	KITCHEN	Kitchen	Chandelier CFL 13W Screw In 4L	4	52	1671	LED 9W A19 Replacement 4L	4	38	1671	-	0	0.2	0.2	0.1	348	254	94	25%	0
1717	French Creek State Park		Cook's Quarters	KITCHEN	Kitchen	Chandelier LED 9W A	4	9	1671	LED 9W A19 Replacement	4	10	1671	-	0	0.0	0.0	0.0	60	63	-3	25%	0
1718	French Creek State Park		Cook's Quarters	KITCHEN	Kitchen	18" Undercabinet LED 10W	1	10	1671	No Action - Existing Efficient/LED Fixture	1	10	1671	-	0	0.0	0.0	0.0	17	17	0	25%	0
1719	French Creek State Park		Cook's Quarters	BEDROOM 1	Residence - Bedroom	Drum LED 9W A 2L	1	18	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	18	19	-1	25%	0
1720	French Creek State Park		Cook's Quarters	BEDROOM 2	Residence - Bedroom	Drum CFL 13W Screw In 2L	1	26	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
1721	French Creek State Park		Cook's Quarters	RESTROOM	Residence - Bathroom	Ceiling Fan CFL 13W Screw In	1	13	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	13	10	4	25%	0
1722	French Creek State Park		Cook's Quarters	RESTROOM SHOWER	Residence - Bathroom	6" Rec Can Inc 90W A	1	90	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.1	0.0	0.1	90	10	81	25%	0
1723	French Creek State Park		EE Building	Garage Bays	Maintenance & Garages	High Bay MH 400W	4	458	2350	High Bay LED 17.7 klm	4	135	2350	-	0	1.8	0.5	1.3	4,305	1,269	3,036	25%	0
1724	French Creek State Park		EE Building	Garage Bays	Exit Signs/Night Lights	Exit Sign Paper	2	0	8760	No Action	2	0	8760	-	0	0.0	0.0	0.0	0	0	0	0%	0
1725	French Creek State Park		EE Building	Garage Bays	Exit Signs/Night Lights	Need to Add Exit Combo	2	0	8760	No Action	2	0	8760	-	0	0.0	0.0	0.0	0	0	0	0%	0
1726	French Creek State Park		EE Building	Garage Bays	Maintenance & Garages	8" Industrial SP 2L	3	138	2350	RT, 4' 10.5W DE LED 4L, 8' REFL KIT	3	42	2350	-	0	0.4	0.1	0.3	973	296	677	25%	0
1727	French Creek State Park		EE Building	Garage Bays Mezzanine	Maintenance & Garages	4' Industrial BP 2L	3	72	2350	RT, 4' 10.5W DE LED 2L	3	21	2350	-	0	0.2	0.1	0.2	508	148	360	25%	0
1728	French Creek State Park		EE Building	Storage Nook 1	Storage Room	4' Industrial BP 2L	3	72	527	RT, 4' 10.5W DE LED 2L	3	21	527	-	0	0.2	0.1	0.2	114	33	81	25%	0
1729	French Creek State Park		EE Building	Storage Nook 1	Exit Signs/Night Lights	Exit Sign Paper	1	0	8760	No Action	1	0	8760	-	0	0.0	0.0	0.0	0	0	0	0%	0
1730	French Creek State Park		EE Building	Storage Nook 2	Storage Room	4' Industrial BP 2L	1	72	527	RT, 4' 10.5W DE LED 2L	1	21	527	-	0	0.1	0.0	0.1	38	11	27	25%	0
1731	French Creek State Park		EE Building	Tool Storage	Storage Room	4' Industrial BP 2L	3	72	527	RT, 4' 10.5W DE LED 2L	3	21	527	-	0	0.2	0.1	0.2	114	33	81	25%	0
1732	French Creek State Park		Group Camp 2 Unit 1 Cabin	Group Camp 2 Unit 1 Cabin	Cabin	Keyless CFL 23W Screw In	3	23	2520	LED 9W A19 Replacement	3	10	2520	-	0	0.1	0.0	0.0	174	72	102	25%	0
1733	French Creek State Park		Group Camp 2 Unit 1 Cabin	Group Camp 2 Unit 1 Cabin	Cabin	Keyless CFL 23W Screw In	3	23	2520	LED 9W A19 Replacement	3	10	2520	-	0	0.1	0.0	0.0	174	72	102	25%	0
1734	French Creek State Park		Latrine	MENS RESTROOM	Comfort Stations & Secluded Restrooms	Jelly Jar LED 9W A	1	9	4410	LED 9W A19 Replacement	1	10	4410	-	0	0.0	0.0	0.0	40	42	-2	0%	0
1735	French Creek State Park		Latrine	MENS RESTROOM	Comfort Stations & Secluded Restrooms	Jelly Jar LED 9W A	1	9	4410	LED 9W A19 Replacement	1	10	4410	-	0	0.0	0.0	0.0	40	42	-2	0%	0
1736	French Creek State Park		Latrine	EXTERIOR	Exterior - Dusk to Dawn	Canopy LED 9W A	2	9	4368	LED 9W A19 Replacement	2	10	4368	-	0	0.0	0.0	0.0	79	83	-4	25%	0
1737	French Creek State Park		Oil Shed	Storage Room	Explosion Proof Inc 60W A	Explosion Proof Inc 60W A	1	60	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	32	5	27	25%	0
1738	French Creek State Park		POM Storage Shed	STORAGE SHED	Maintenance & Garages	Keyless Inc 100W A	10	100	2350	LED 9W A19 Replacement	10	10	2350	-	0	1.0	0.1	0.9	2,350	223	2,127	25%	0
1739	French Creek State Park		POM Storage Shed	STORAGE SHED	Maintenance & Garages	Wall Pack MH 250W	1	295	2350	Wall Pack LED FC 7 klm	1	60	2350	-	0	0.3	0.1	0.2	693	141	552	25%	0
1740	Jacobsburg Environmental Center	EXTERIOR	ENVIRONMENTAL CENTER	PARKING LOT	Exterior - Dusk to Dawn	Post Top MH 175W	10	215	4368	Area LED 9.8 klm TN	10	70	4368	-	0	0.0	0.0	0.0	9,391	3,058	6,334	25%	0
1741	Jacobsburg Environmental Center	EXTERIOR	ENVIRONMENTAL CENTER	SEWALK	Exterior - Dusk to Dawn	Bollard MH 70W	20	95	4368	LED 14W A21 Retrofit	20	14	4368	-	0	0.0	0.0	0.0	8,299	1,223	7,076	25%	0
1742	Jacobsburg Environmental Center	EXTERIOR	ENVIRONMENTAL CENTER	BUILDING MNT	Exterior - Dusk to Dawn	Post Top MH 100W	1	128	4368	LED 35W A25 Retrofit	1	35	4368	-	0	0.0	0.0	0.0	559	153	406	25%	0
1743	Jacobsburg Environmental Center	EXTERIOR	ENVIRONMENTAL CENTER	SOFFIT	Exterior - Dusk to Dawn	6" Rec Can CFL 26W 4P 2L	2	50	4368	RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm	2	13	4368	-	0	0.0	0.0	0.0	437	114	323	25%	0
1744	Jacobsburg Environmental Center	EXTERIOR	ENVIRONMENTAL CENTER	SOFFIT	Exterior - Dusk to Dawn	6" Rec Can CFL 26W 4P 2L BB	3	50	4368	RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm BB	3	13	4368	-	0	0.0	0.0	0.0	655	170	485	25%	0
1745	Jacobsburg Environmental Center		ENVIRONMENTAL CENTER	VESTIBULE	Vestibule	6" Rec Can CFL 26W 4P	10	27	3977	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	10	9	3977	-	0	0.3	0.1	0.2	1,074	358	716	0%	0
1746	Jacobsburg Environmental Center		ENVIRONMENTAL CENTER	VESTIBULE	Vestibule	4" Direct/Indirect TSHO 1L	2	59	3977	RT, 4' 25W DE LED TSHO 1L	2	25	3977	-	0	0.1	0.1	0.1	469	199	270	0%	0
1747	Jacobsburg Environmental Center		MENS RESTROOM	MENS RESTROOM	Restroom	6" Rec Can CFL 26W 4P	3	27	2625	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	3	9	2625	-	0	0.1	0.0	0.1	213	71	142	25%	0
1748	Jacobsburg Environmental Center		MENS RESTROOM	COVE	Restroom	4" Strip BP 2L 32W T8	5	59	2625	RT, 4' 10.5W DE LED 2L	5	21	2625	-	0	0.3	0.1	0.2	774	276	499	25%	0
1749	Jacobsburg Environmental Center		MENS RESTROOM	COVE	Restroom	4" Asymmetric Uplight BP 2L 32W T8	2	59	2625	RT, 4' 10.5W DE LED 2L	2	21	2625	-	0	0.1	0.0	0.1	310	110	200	25%	0
1750	Jacobsburg Environmental Center		MENS RESTROOM	COVE	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
1751	Jacobsburg Environmental Center		MENS RESTROOM	COVE	Exit Signs/Night Lights	Exit Sign LED	2	3	8760	No Action - Existing Efficient/LED Fixture	2	3	8760	-	0	0.0	0.0	0.0	53	53	0	0%	0
1752	Jacobsburg Environmental Center		MENS RESTROOM	COVE	Emergency Only	Emergency Fixture	2	0	0	No Action - Emergency Use Only	2	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
1753	Jacobsburg Environmental Center		WOMENS RESTROOM	WOMENS RESTROOM	Restroom	6" Rec Can CFL 26W 4P	3	27	2625	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	3	9	2625	-	0	0.1	0.0	0.1	213	71	142	25%	0
1754	Jacobsburg Environmental Center		WOMENS RESTROOM	COVE	Restroom	4" Strip BP 2L 32W T8	5	59	2625	RT, 4' 10.5W DE LED 2L	5	21	2625	-	0	0.3	0.1	0.2	774	276	499	25%	0
1755	Jacobsburg Environmental Center		WOMENS RESTROOM	COVE	Restroom	4" Asymmetric Uplight BP 2L 32W T8	2	59	2625	RT, 4' 10.5W DE LED 2L	2	21	2625	-	0	0.1	0.0	0.1	310	110	200	25%	0
1756	Jacobsburg Environmental Center		WOMENS RESTROOM	COVE	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
1757	Jacobsburg Environmental Center		WOMENS RESTROOM	COVE	Exit Signs/Night Lights	Exit Sign LED	2	3	8760	No Action - Existing Efficient/LED Fixture	2	3	8760	-	0	0.0	0.0	0.0	53	53	0	0%	0
1758	Jacobsburg Environmental Center		WOMENS RESTROOM	COVE	Emergency Only	Emergency Fixture	2	0	0	No Action - Emergency Use Only	2	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
1759	Jacobsburg Environmental Center		ENVIRONMENTAL CENTER	LOBBY	Hallways and Common Areas	2X2 Volumetric Rec 2L FT40	6	72	3977	RT, LED 17W 4P 2G11 2L	6	34	3977	-	0	0.4	0.2	0.2	1,718	811	907	25%	0
1760	Jacobsburg Environmental Center		ENVIRONMENTAL CENTER	LOBBY	Hallways and Common Areas	6" Rec Can CFL 26W 4P	1	27	3977	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	1	9	3977	-	0	0.0	0.0	0.0	107	36	72	25%	0
1761	Jacobsburg Environmental Center		ENVIRONMENTAL CENTER	LOBBY	Emergency Only	Emergency Fixture	3	0	0	No Action - Emergency Use Only	3	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
1762	Jacobsburg Environmental Center		ENVIRONMENTAL CENTER	FRONT DESK	Open Office	6" Rec Can CFL 26W 4P	9	27	3500	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	9	9	3500	-	0	0.2	0.1	0.2	851	284	567	25%	0
1763	Jacobsburg Environmental Center		ENVIRONMENTAL CENTER	FRONT DESK	Open Office	6" Rec Can CFL 26W 4P	5	27	3500	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	5	9	3500	-	0	0.1	0.0	0.1	473	158	315	25%	0
1764	Jacobsburg Environmental Center		ENVIRONMENTAL CENTER	UNDER STAIR	Storage Room	6" Rec Can CFL 26W 4P	2	27	527	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	2	9	527	-	0	0.1	0.0	0.0	28	9	19	25%	0
1765	Jacobsburg Environmental Center		ENVIRONMENTAL CENTER	MECHANICAL	Mechanical/Electrical Room	4" Industrial BP 2L 32W T8	7	59	520	RT, 4' 10.5W DE LED 2L	7	21	520	-	0	0.4	0.1	0.3	215	76	138	0%	0
1766	Jacobsburg Environmental Center		ENVIRONMENTAL CENTER	MECHANICAL	Emergency Only	Emergency Fixture	3	0	0	No Action - Emergency Use Only	3	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
1767	Jacobsburg Environmental Center		ENVIRONMENTAL CENTER	MECHANICAL	Exit Signs/Night Lights	Exit Sign Inc	1	30	8760	Exit Sign LED BB	1	3	8760	-	0	0.0	0.0	0.0	263	26	237	0%	0
1768	Jacobsburg Environmental Center		ENVIRONMENTAL CENTER	STORAGE	Storage Room	2x2 Prism Rec 2L FT40	5	72	527	RT, LED 17W 4P 2G11 2L	5	34	527	-	0	0.4	0.2	0.2	190	90	100	25%	0
1769	Jacobsburg Environmental Center		ENVIRONMENTAL CENTER	ELEVATOR MECHANICAL	Mechanical/Electrical Room	4" Industrial BP 2L 32W T8	1	59	520	RT, 4' 10.5W DE LED 2L	1	21	520	-	0	0.1	0.0	0.0	31	11	20	25%	0
1770	Jacobsburg Environmental Center		ENVIRONMENTAL CENTER	OFFICE	Private Office	2X2 Volumetric Rec 2L FT40	6	72	1875	RT, LED 17W 4P 2G11 2L	6	34	1875	-	0	0.4	0.2	0.2	810	383	428	25%	0
1771	Jacobsburg Environmental Center		ENVIRONMENTAL CENTER	OFFICE	Private Office	2X2 Volumetric Rec 2L FT40	4	72	1875	RT, LED 17W 4P 2G11 2L	4	34	1875	-	0	0.3	0.1	0.2	540	255	285	25%	0
1772	Jacobsburg Environmental Center		ENVIRONMENTAL CENTER	CLASSROOM	Classroom / Instruction	2X2 Volumetric Rec 2L FT40	18	72	1200	RT, LED 17W 4P 2G11 2L	18	34	1200	-	0	1.3	0.6	0.7	1,555	734	821	0%	0
1773	Jacobsburg Environmental Center		ENVIRONMENTAL CENTER	CLASSROOM	Emergency Only	Emergency Fixture	7	0	0	No Action - Emergency Use Only	7	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
1774	Jacobsburg Environmental Center		ENVIRONMENTAL CENTER	CLASSROOM	Classroom / Instruction	4" Rec Can Inc 50W R20	4	50	1200	LED 9W A19 Replacement	4	10	1200	-	0	0.2	0.0	0.2	240	46	194	0%	0
1775	Jacobsburg Environmental Center		ENVIRONMENTAL CENTER	UPPER ATRIUM/LOBBY	Hallways and Common Areas	Flood MH 100W	3	128	3977	Flood LED 2.1 klm UNV	3	15	3977	-	0	0.4	0.0	0.3	1,527	179	1,348	25%	0
1776	Jacobsburg Environmental Center		ENVIRONMENTAL CENTER	UPPER ATRIUM/LOBBY	Hallways and Common Areas	Flood CMH 39W PAR38	6	5															

1815	Jacobsburg Environmental Center	EXTERIOR	JACOBSBURG RESTROOM	JACOBSBURG RESTROOM	Exterior - Dusk to Dawn	Wall Pack CFL 42W 4P	1	48	4368	Wall Pack LED CO 1.8 kLm	1	14	4368	-	0	0.0	0.0	0.0	210	61	149	25%	0
1816	Jacobsburg Environmental Center		JACOBSBURG RESTROOM	MENS RESTROOM	Restroom	Wall Pack LED 20W	1	20	2625	No Action - Existing Efficient/LED Fixture	1	20	2625	-	0	0.0	0.0	0.0	53	53	0	25%	0
1817	Jacobsburg Environmental Center		JACOBSBURG RESTROOM	WOMENS RESTROOM	Restroom	Wall Pack CFL 42W 4P	1	48	2625	Wall Pack LED CO 1.8 kLm	1	14	2625	-	0	0.0	0.0	0.0	126	37	89	25%	0
1818	Jacobsburg Environmental Center		JACOBSBURG RESIDENCE	INTERIOR	Residence - Living Room	Keyless LED 9W A	12	9	2912	LED 9W A19 Replacement	12	10	2912	-	0	0.1	0.1	0.0	314	332	-17	25%	0
1819	Jacobsburg Environmental Center		JACOBSBURG RESIDENCE	BASEMENT	Residence - Living Room	RT, 4' Industrial BP 2L	2	72	2912	RT, 4' 10.5W DE LED 2L	2	21	2912	-	0	0.1	0.0	0.1	419	122	297	25%	0
1820	Jacobsburg Environmental Center		Benade House - 08	WASH ROOM	Residence - Bathroom	Wall Pack LED 31W	1	31	1000	No Action - Existing Efficient/LED Fixture	1	31	1000	-	0	0.0	0.0	0.0	31	31	0	25%	0
1821	Jacobsburg Environmental Center		Benade House - 08	KITCHEN	Kitchen	6" Rec Can LED 12W	6	12	1671	No Action - Existing Efficient/LED Fixture	6	12	1671	-	0	0.1	0.1	0.0	120	120	0	25%	0
1822	Jacobsburg Environmental Center		Benade House - 08	DINING ROOM	Residence - Living Room	Ceiling Fan LED 9W A 4L	1	36	2912	LED 9W A19 Replacement 4L	1	38	2912	-	0	0.0	0.0	0.0	105	111	-6	25%	0
1823	Jacobsburg Environmental Center		Benade House - 08	LIVING ROOM	Residence - Living Room	Ceiling Fan LED 9W A 4L	1	36	2912	LED 9W A19 Replacement 4L	1	38	2912	-	0	0.0	0.0	0.0	105	111	-6	25%	0
1824	Jacobsburg Environmental Center		Benade House - 08	FAMILY ROOM	Residence - Living Room	Drum CFL 13W Screw In 2L	2	26	2912	LED 9W A19 Replacement 2L	2	19	2912	-	0	0.1	0.0	0.0	151	111	41	25%	0
1825	Jacobsburg Environmental Center		Benade House - 08	FAMILY ROOM	Residence - Living Room	Drum LED 20W	2	20	2912	No Action - Existing Efficient/LED Fixture	2	20	2912	-	0	0.0	0.0	0.0	116	116	0	25%	0
1826	Jacobsburg Environmental Center		Benade House - 08	RESTROOM	Residence - Bathroom	Drum CFL 13W Screw In 2L	1	26	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
1827	Jacobsburg Environmental Center		Benade House - 08	STAIR	Hallways and Common Areas	Drum LED 20W	2	20	3977	No Action - Existing Efficient/LED Fixture	2	20	3977	-	0	0.0	0.0	0.0	159	159	0	25%	0
1828	Jacobsburg Environmental Center		Benade House - 08	MASTER	Residence - Bedroom	Ceiling Fan LED 9W A 4L	1	36	1000	LED 9W A19 Replacement 4L	1	38	1000	-	0	0.0	0.0	0.0	36	38	-2	25%	0
1829	Jacobsburg Environmental Center		Benade House - 08	BEDROOM	Residence - Bedroom	Drum LED 20W	1	20	1000	No Action - Existing Efficient/LED Fixture	1	20	1000	-	0	0.0	0.0	0.0	20	20	0	25%	0
1830	Jacobsburg Environmental Center		Benade House - 08	BEDROOM	Residence - Bedroom	Drum LED 9W A	1	9	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	9	10	-1	25%	0
1831	Jacobsburg Environmental Center		Benade House - 08	BEDROOM	Residence - Bedroom	Drum LED 20W	1	20	1000	No Action - Existing Efficient/LED Fixture	1	20	1000	-	0	0.0	0.0	0.0	20	20	0	25%	0
1832	Jacobsburg Environmental Center		Benade House - 08	BATH ROOM	Residence - Bathroom	5" Rec Can LED 12W	4	12	1000	No Action - Existing Efficient/LED Fixture	4	12	1000	-	0	0.0	0.0	0.0	48	48	0	25%	0
1833	Jacobsburg Environmental Center		Benade House - 08	BATH ROOM	Residence - Bathroom	Ceiling Fan LED 9W A	1	9	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	9	10	-1	25%	0
1834	Jacobsburg Environmental Center		Benade House - 08	BATH ROOM CLOSET	Storage Room	2' Vanity 2L	1	51	527	RT, 2' 7W DE LED 2L	1	14	527	-	0	0.1	0.0	0.0	27	7	19	25%	0
1835	Jacobsburg Environmental Center		Benade House - 08	ATTIC	Storage Room	Keyless Inc 100W A	2	100	527	LED 9W A19 Replacement	2	10	527	-	0	0.2	0.0	0.2	105	10	95	25%	0
1836	Jacobsburg Environmental Center		Benade House - 08	BASEMENT	Residence - Living Room	Keyless LED 9W A	5	9	2912	LED 9W A19 Replacement	5	10	2912	-	0	0.0	0.0	0.0	131	138	-7	25%	0
1837	Jacobsburg Environmental Center		Benade House - 08	BASEMENT	Residence - Living Room	4' Vaportight BP 2L	1	72	2912	RT, 4' 10.5W DE LED 2L	1	21	2912	-	0	0.1	0.0	0.1	210	61	149	25%	0
1838	Jacobsburg Environmental Center		Benade House - 08	BASEMENT	Residence - Living Room	2' Undercabinet 1L	3	26	2912	RT, 2' 7W DE LED 1L	3	7	2912	-	0	0.1	0.0	0.1	227	61	166	25%	0
1839	Jacobsburg Environmental Center		Benade House - 08	GARAGE	Vehicle Storage	Keyless LED 9W A	4	9	860	LED 9W A19 Replacement	4	10	860	-	0	0.0	0.0	0.0	31	33	-2	25%	0
1840	Jacobsburg Environmental Center		Benade House - 08	GARAGE	Vehicle Storage	Flood LED 17W PAR38 2L	2	34	860	LED 13W PAR38 Replacement 2L	2	26	860	-	0	0.1	0.1	0.0	58	45	14	25%	0
1841	Jacobsburg Environmental Center		Benade House - 08	EXTERIOR	Exterior - Dusk to Dawn	Lantern Inc 60W A	1	60	4368	LED 9W A19 Replacement	1	10	4368	-	0	0.0	0.0	0.0	262	41	221	25%	0
1842	Jacobsburg Environmental Center		Benade House - 08	EXTERIOR	Exterior - Dusk to Dawn	Lantern LED 9W A	2	9	4368	LED 9W A19 Replacement	2	10	4368	-	0	0.0	0.0	0.0	79	83	-4	25%	0
1843	Jacobsburg Environmental Center		Benade House - 08	EXTERIOR	Exterior - Dusk to Dawn	Wall Pack LED 9W A	1	9	4368	Wall Pack LED SEC 2.5 kLm PC	1	20	4368	-	0	0.0	0.0	0.0	39	87	-48	25%	0
1844	Jacobsburg Environmental Center		Benade House - 08	EXTERIOR	Exterior - Dusk to Dawn	6" Rec Can CFL 13W Screw In	2	13	4368	LED 9W A19 Replacement	2	10	4368	-	0	0.0	0.0	0.0	114	83	31	25%	0
1845	Jacobsburg Environmental Center		Buskirk Residence - 13	WASH ROOM	Residence - Bathroom	Wall Pack LED 31W	1	31	1000	No Action - Existing Efficient/LED Fixture	1	31	1000	-	0	0.0	0.0	0.0	31	31	0	25%	0
1846	Jacobsburg Environmental Center		Buskirk Residence - 13	KITCHEN	Kitchen	6" Rec Can LED 12W	6	12	1671	No Action - Existing Efficient/LED Fixture	6	12	1671	-	0	0.1	0.1	0.0	120	120	0	25%	0
1847	Jacobsburg Environmental Center		Buskirk Residence - 13	DINING ROOM	Residence - Living Room	Ceiling Fan LED 9W A 4L	1	36	2912	LED 9W A19 Replacement 4L	1	38	2912	-	0	0.0	0.0	0.0	105	111	-6	25%	0
1848	Jacobsburg Environmental Center		Buskirk Residence - 13	LIVING ROOM	Residence - Living Room	Ceiling Fan LED 9W A 4L	1	36	2912	LED 9W A19 Replacement 4L	1	38	2912	-	0	0.0	0.0	0.0	105	111	-6	25%	0
1849	Jacobsburg Environmental Center		Buskirk Residence - 13	FAMILY ROOM	Residence - Living Room	Drum CFL 13W Screw In 2L	2	26	2912	LED 9W A19 Replacement 2L	2	19	2912	-	0	0.1	0.0	0.0	151	111	41	25%	0
1850	Jacobsburg Environmental Center		Buskirk Residence - 13	FAMILY ROOM	Residence - Living Room	Drum LED 20W	2	20	2912	No Action - Existing Efficient/LED Fixture	2	20	2912	-	0	0.0	0.0	0.0	116	116	0	25%	0
1851	Jacobsburg Environmental Center		Buskirk Residence - 13	RESTROOM	Residence - Bathroom	Drum CFL 13W Screw In 2L	1	26	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
1852	Jacobsburg Environmental Center		Buskirk Residence - 13	STAIR	Hallways and Common Areas	Drum LED 20W	2	20	3977	No Action - Existing Efficient/LED Fixture	2	20	3977	-	0	0.0	0.0	0.0	159	159	0	25%	0
1853	Jacobsburg Environmental Center		Buskirk Residence - 13	MASTER	Residence - Bedroom	Ceiling Fan LED 9W A 4L	1	36	1000	LED 9W A19 Replacement 4L	1	38	1000	-	0	0.0	0.0	0.0	36	38	-2	25%	0
1854	Jacobsburg Environmental Center		Buskirk Residence - 13	BEDROOM	Residence - Bedroom	Drum LED 20W	1	20	1000	No Action - Existing Efficient/LED Fixture	1	20	1000	-	0	0.0	0.0	0.0	20	20	0	25%	0
1855	Jacobsburg Environmental Center		Buskirk Residence - 13	BEDROOM	Residence - Bedroom	Drum LED 9W A	1	9	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	9	10	-1	25%	0
1856	Jacobsburg Environmental Center		Buskirk Residence - 13	BEDROOM	Residence - Bedroom	Drum LED 20W	1	20	1000	No Action - Existing Efficient/LED Fixture	1	20	1000	-	0	0.0	0.0	0.0	20	20	0	25%	0
1857	Jacobsburg Environmental Center		Buskirk Residence - 13	BATH ROOM	Residence - Bathroom	5" Rec Can LED 12W	4	12	1000	No Action - Existing Efficient/LED Fixture	4	12	1000	-	0	0.0	0.0	0.0	48	48	0	25%	0
1858	Jacobsburg Environmental Center		Buskirk Residence - 13	BATH ROOM	Residence - Bathroom	Ceiling Fan LED 9W A	1	9	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	9	10	-1	25%	0
1859	Jacobsburg Environmental Center		Buskirk Residence - 13	BATH ROOM CLOSET	Storage Room	2' Vanity 2L	1	51	527	RT, 2' 7W DE LED 2L	1	14	527	-	0	0.1	0.0	0.0	27	7	19	25%	0
1860	Jacobsburg Environmental Center		Buskirk Residence - 13	ATTIC	Storage Room	Keyless Inc 100W A	2	100	527	LED 9W A19 Replacement	2	10	527	-	0	0.2	0.0	0.2	105	10	95	25%	0
1861	Jacobsburg Environmental Center		Buskirk Residence - 13	BASEMENT	Residence - Living Room	Keyless LED 9W A	5	9	2912	LED 9W A19 Replacement	5	10	2912	-	0	0.0	0.0	0.0	131	138	-7	25%	0
1862	Jacobsburg Environmental Center		Buskirk Residence - 13	BASEMENT	Residence - Living Room	4' Vaportight BP 2L	1	72	2912	RT, 4' 10.5W DE LED 2L	1	21	2912	-	0	0.1	0.0	0.1	210	61	149	25%	0
1863	Jacobsburg Environmental Center		Buskirk Residence - 13	BASEMENT	Residence - Living Room	2' Undercabinet 1L	3	26	2912	RT, 2' 7W DE LED 1L	3	7	2912	-	0	0.1	0.0	0.1	227	61	166	25%	0
1864	Jacobsburg Environmental Center		Buskirk Residence - 13	GARAGE	Vehicle Storage	Keyless LED 9W A	4	9	860	LED 9W A19 Replacement	4	10	860	-	0	0.0	0.0	0.0	31	33	-2	25%	0
1865	Jacobsburg Environmental Center		Buskirk Residence - 13	GARAGE	Vehicle Storage	Flood LED 17W PAR38 2L	2	34	860	LED 13W PAR38 Replacement 2L	2	26	860	-	0	0.1	0.1	0.0	58	45	14	25%	0
1866	Jacobsburg Environmental Center		Buskirk Residence - 13	EXTERIOR	Exterior - Dusk to Dawn	Lantern Inc 60W A	1	60	4368	LED 9W A19 Replacement	1	10	4368	-	0	0.0	0.0	0.0	262	41	221	25%	0
1867	Jacobsburg Environmental Center		Buskirk Residence - 13	EXTERIOR	Exterior - Dusk to Dawn	Lantern LED 9W A	2	9	4368	LED 9W A19 Replacement	2	10	4368	-	0	0.0	0.0	0.0	79	83	-4	25%	0
1868	Jacobsburg Environmental Center		Buskirk Residence - 13	EXTERIOR	Exterior - Dusk to Dawn	Wall Pack LED 9W A	1	9	4368	Wall Pack LED SEC 2.5 kLm PC	1	20	4368	-	0	0.0	0.0	0.0	39	87	-48	25%	0
1869	Jacobsburg Environmental Center		Buskirk Residence - 13	EXTERIOR	Exterior - Dusk to Dawn	6" Rec Can CFL 13W Screw In	2	13	4368	LED 9W A19 Replacement	2	10	4368	-	0	0.0	0.0	0.0	114	83	31	25%	0
1870	Jacobsburg Environmental Center		Carriage House - 20	WASH ROOM	Residence - Bathroom	Wall Pack LED 31W	1	31	1000	No Action - Existing Efficient/LED Fixture	1	31	1000	-	0	0.0	0.0	0.0	31	31	0	25%	0
1871	Jacobsburg Environmental Center		Carriage House - 20	KITCHEN	Kitchen	6" Rec Can LED 12W	6	12	1671	No Action - Existing Efficient/LED Fixture	6	12	1671	-	0	0.1	0.1	0.0	120	120	0	25%	0
1872	Jacobsburg Environmental Center		Carriage House - 20	DINING ROOM	Residence - Living Room	Ceiling Fan LED 9W A 4L	1	36	2912	LED 9W A19 Replacement 4L	1	38	2912	-	0	0.0	0.0	0.0	105	111	-6	25%	0
1873	Jacobsburg Environmental Center		Carriage House - 20	LIVING ROOM	Residence - Living Room	Ceiling Fan LED 9W A 4L	1	36	2912	LED 9W A19 Replacement 4L	1	38	2912	-	0	0.0	0.0	0.0	105	111	-6	25%	0
1874	Jacobsburg Environmental Center		Carriage House - 20	FAMILY ROOM	Residence - Living Room	Drum CFL 13W Screw In 2L	2	26	2912	LED 9W A19 Replacement 2L	2	19	2912	-	0	0.1	0.0	0.0	151	111	41	25%	0
1875	Jacobsburg Environmental Center		Carriage House - 20	FAMILY ROOM	Residence - Living Room	Drum LED 20W	2	20	2912	No Action - Existing Efficient/LED Fixture	2	20	2912	-	0	0.0	0.0	0.0	116	116	0	25%	0
1876	Jacobsburg Environmental Center		Carriage House - 20	RESTROOM	Residence - Bathroom	Drum CFL 13W Screw In 2L	1	26	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
1877	Jacobsburg Environmental Center		Carriage House - 20	STAIR	Hallways and Common Areas																		

1916	Jacobsburg Environmental Center		Henry Homestead - 21	BASEMENT LIVING	Residence - Living Room	Ceiling Fan LED 5W C10 4L	1	20	2912	LED 5.5W B11 E12 Replacement 4L	1	22	2912	-	0	0.0	0.0	0.0	58	64	-6	25%	0
1917	Jacobsburg Environmental Center		Henry Homestead - 21	BASEMENT	Residence - Living Room	2X4 Prism Rec 2L	3	72	2912	RT, 4' 10.5W DE LED 2L	3	21	2912	-	0	0.2	0.1	0.2	629	183	446	25%	0
1918	Jacobsburg Environmental Center		Henry Homestead - 21	BASEMENT	Residence - Living Room	4' Industrial BP 2L	1	72	2912	RT, 4' 10.5W DE LED 2L	1	21	2912	-	0	0.1	0.0	0.1	210	61	149	25%	0
1919	Jacobsburg Environmental Center		Henry Homestead - 21	BASEMENT	Residence - Living Room	Keyless CFL 23W Screw In	1	23	2912	LED 9W A19 Replacement	1	10	2912	-	0	0.0	0.0	0.0	67	28	39	25%	0
1920	Jacobsburg Environmental Center		Homestead Barn - 18	Open Storage	Storage Room	Jelly Jar Inc 75W A	1	75	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	40	5	35	25%	0
1921	Jacobsburg Environmental Center		Homestead Barn - 18	Exterior	Exterior - Dusk to Dawn	Barnlight MH 250W	1	295	4368	Barnlight LED 4 klm PC	1	36	4368	-	0	0.0	0.0	0.0	1,289	157	1,131	25%	0
1922	Jacobsburg Environmental Center		Old Park Office - 03	MAIN OFFICE	Open Office	8' Wrap BP 4L	1	144	3500	RT, 4' 10.5W DE LED 4L	1	42	3500	-	0	0.1	0.0	0.1	504	147	357	25%	0
1923	Jacobsburg Environmental Center		Old Park Office - 03	MAIN OFFICE	Open Office	8' Wrap BP 4L 32W T8	3	112	3500	RT, 4' 10.5W DE LED 4L	3	42	3500	-	0	0.3	0.1	0.2	1,176	441	735	25%	0
1924	Jacobsburg Environmental Center		Old Park Office - 03	HALLWAY	Hallways and Common Areas	8' Wrap BP 4L 32W T8	1	112	3977	RT, 4' 10.5W DE LED 4L	1	42	3977	-	0	0.1	0.0	0.1	445	167	278	25%	0
1925	Jacobsburg Environmental Center		Old Park Office - 03	OFFICE	Private Office	8' Wrap BP 4L 32W T8	1	112	2500	RT, 4' 10.5W DE LED 4L	1	42	2500	-	0	0.1	0.0	0.1	280	105	175	25%	0
1926	Jacobsburg Environmental Center		Old Park Office - 03	OFFICE	Private Office	8' Wrap BP 4L	1	144	2500	RT, 4' 10.5W DE LED 4L	1	42	2500	-	0	0.1	0.0	0.1	360	105	255	25%	0
1927	Jacobsburg Environmental Center		Old Park Office - 03	OFFICE	Private Office	8' Wrap BP 4L	2	144	2500	RT, 4' 10.5W DE LED 4L	2	42	2500	-	0	0.3	0.1	0.2	720	210	510	25%	0
1928	Jacobsburg Environmental Center		Old Park Office - 03	WOMENS RESTROOM	Restroom	4' Vaportight BP 2L 32W T8	1	59	3500	RT, 4' 10.5W DE LED 2L	1	21	3500	-	0	0.1	0.0	0.0	207	74	133	25%	0
1929	Jacobsburg Environmental Center		Old Park Office - 03	WOMENS RESTROOM	Restroom	4' Vaportight BP 2L	1	72	3500	RT, 4' 10.5W DE LED 2L	1	21	3500	-	0	0.1	0.0	0.1	252	74	179	25%	0
1930	Jacobsburg Environmental Center		Old Park Office - 03	JANITOR	Storage Room	4' Wrap BP 2L	1	72	527	RT, 4' 10.5W DE LED 2L	1	21	527	-	0	0.1	0.0	0.1	38	11	27	25%	0
1931	Jacobsburg Environmental Center		Old Park Office - 03	FILE ROOM	Storage Room	4' Wrap BP 2L 32W T8	1	59	527	RT, 4' 10.5W DE LED 2L	1	21	527	-	0	0.1	0.0	0.0	31	11	20	25%	0
1932	Jacobsburg Environmental Center		Old Park Office - 03	FILE ROOM	Storage Room	8' Wrap BP 4L	1	144	527	RT, 4' 10.5W DE LED 4L	1	42	527	-	0	0.1	0.0	0.1	76	22	54	25%	0
1933	Jacobsburg Environmental Center		Old Park Office - 03	BREAK ROOM	Break Room	8' Wrap BP 4L	1	144	1230	RT, 4' 10.5W DE LED 4L	1	42	1230	-	0	0.1	0.0	0.1	177	52	126	25%	0
1934	Jacobsburg Environmental Center		Old Park Office - 03	BREAK ROOM	Break Room	8' Wrap BP 4L	1	144	1230	RT, 4' 10.5W DE LED 4L	1	42	1230	-	0	0.1	0.0	0.1	177	52	126	25%	0
1935	Jacobsburg Environmental Center		Old Park Office - 03	STORAGE	Storage Room	2X4 Prism Rec 4L	1	144	527	RT, 4' 10.5W DE LED 4L	1	42	527	-	0	0.1	0.0	0.1	76	22	54	25%	0
1936	Jacobsburg Environmental Center		Old Park Office - 03	HALLWAY	Hallways and Common Areas	4' Wrap BP 2L	3	72	3977	RT, 4' 10.5W DE LED 2L	3	21	3977	-	0	0.2	0.1	0.2	859	251	608	25%	0
1937	Jacobsburg Environmental Center		Old Park Office - 03	HALLWAY	Exit Signs/Night Lights	Exit Sign Inc	1	30	8760	Exit Sign LED BB	1	3	8760	-	0	0.0	0.0	0.0	263	26	237	0%	0
1938	Jacobsburg Environmental Center		Old Park Office - 03	HALLWAY	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
1939	Jacobsburg Environmental Center		Old Park Office - 03	MANAGERS OFFICE	Private Office	2X4 PSQ Rec 4L	4	144	2500	RT, 4' 10.5W DE LED 4L	4	42	2500	-	0	0.6	0.2	0.4	1,440	420	1,020	25%	0
1940	Jacobsburg Environmental Center		Old Park Office - 03	OFFICE	Private Office	2X4 PSQ Rec 4L	2	144	2500	RT, 4' 10.5W DE LED 4L	2	42	2500	-	0	0.3	0.1	0.2	720	210	510	25%	0
1941	Jacobsburg Environmental Center		Old Park Office - 03	LOCKER ROOM	Locker-room	2X4 PSQ Rec 4L	1	144	4400	RT, 4' 10.5W DE LED 4L	1	42	4400	-	0	0.1	0.0	0.1	634	185	449	25%	0
1942	Jacobsburg Environmental Center		Old Park Office - 03	WEAPON STORAGE	Storage Room	2X4 PSQ Rec 4L	1	144	527	RT, 4' 10.5W DE LED 4L	1	42	527	-	0	0.1	0.0	0.1	76	22	54	25%	0
1943	Jacobsburg Environmental Center		Old Park Office - 03	STORAGE	Storage Room	4' Wrap BP 2L	2	72	527	RT, 4' 10.5W DE LED 2L	2	21	527	-	0	0.1	0.0	0.1	76	22	54	25%	0
1944	Jacobsburg Environmental Center		Old Park Office - 03	STAIRS	Hallways and Common Areas	4' Wrap BP 2L	3	72	3977	RT, 4' 10.5W DE LED 2L	3	21	3977	-	0	0.2	0.1	0.2	859	251	608	25%	0
1945	Jacobsburg Environmental Center		Old Park Office - 03	STAIRS	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
1946	Jacobsburg Environmental Center		Old Park Office - 03	LOWER LEVEL OFFICE	Open Office	2X4 Prism Rec 4L	8	144	3500	RT, 4' 10.5W DE LED 4L	8	42	3500	-	0	1.2	0.3	0.8	4,032	1,176	2,856	25%	0
1947	Jacobsburg Environmental Center		Old Park Office - 03	LOWER LEVEL OFFICE	Exit Signs/Night Lights	Exit Sign Inc	2	30	8760	Exit Sign LED BB	2	3	8760	-	0	0.1	0.0	0.1	526	53	473	0%	0
1948	Jacobsburg Environmental Center		Old Park Office - 03	LOWER LEVEL OFFICE	Open Office	2x2 Prism Rec 2L 32W UV T8	2	59	3500	RT, 2' 7W DE LED 2L, 2x2 Refl Kit	2	14	3500	-	0	0.1	0.0	0.1	413	98	315	25%	0
1949	Jacobsburg Environmental Center		Old Park Office - 03	EXTERIOR	Exterior - Dusk to Dawn	Wall Pack LED 9W A	1	9	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	39	87	-48	25%	0
1950	Jacobsburg Environmental Center		Old Park Office - 03	EXTERIOR	Exterior - Dusk to Dawn	Wall Pack LED 9W A	1	9	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	39	87	-48	25%	0
1951	Jacobsburg Environmental Center		Old Park Office - 03	EXTERIOR	Exterior - Dusk to Dawn	Flood MV 100W	2	128	4368	Flood LED 2.1 klm UNV	2	15	4368	-	0	0.0	0.0	0.0	1,118	131	987	25%	0
1952	Jacobsburg Environmental Center		Old Park Office - 03	EXTERIOR	Exterior - Dusk to Dawn	Wall Pack LED 9W A	1	9	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	39	87	-48	25%	0
1953	Jacobsburg Environmental Center		Old Park Office - 03	EXTERIOR	Exterior - Dusk to Dawn	Wall Pack LED 9W A	2	9	4368	Wall Pack LED SEC 2.5 klm PC	2	20	4368	-	0	0.0	0.0	0.0	79	175	-96	25%	0
1954	Jacobsburg Environmental Center		Old Park Office - 03	EXTERIOR	Exterior - Dusk to Dawn	Flood MV 100W	2	128	4368	Flood LED 2.1 klm UNV	2	15	4368	-	0	0.0	0.0	0.0	1,118	131	987	25%	0
1955	Jacobsburg Environmental Center		Old Park Office - 03	EXTERIOR	Exterior - Dusk to Dawn	Flood LED 17W PAR38	1	17	4368	LED 13W PAR38 Replacement	1	13	4368	-	0	0.0	0.0	0.0	74	57	-17	25%	0
1956	Lackawanna State Park	1	PARK OFFICE	LOBBY	Hallways and Common Areas	8' Direct/Indirect 2L 28W T5	2	63	3977	RT, 4' 13W DE LED T5 2L	2	26	3977	-	0	0.1	0.1	0.1	501	207	294	25%	0
1957	Lackawanna State Park	1	PARK OFFICE	LOBBY	Hallways and Common Areas	Wall Pack LED 20W	2	20	3977	No Action - Existing Efficient/LED Fixture	2	20	3977	-	0	0.0	0.0	0.0	159	159	0	25%	0
1958	Lackawanna State Park	1	PARK OFFICE	LOBBY	Exit Signs/Night Lights	Exit Sign Combo LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
1959	Lackawanna State Park	1	PARK OFFICE	MEETING ROOM	Conference Room	4' Direct/Indirect BP 4L 32W T8 DS	7	118	2500	RT, 4' 10.5W DE LED 4L	7	42	2500	-	0	0.8	0.3	0.5	2,065	735	1,330	0%	0
1960	Lackawanna State Park	1	PARK OFFICE	MEETING ROOM	Conference Room	Track Head Hal 90W PAR38	16	90	2500	LED 13W PAR38 Replacement	16	13	2500	-	0	1.4	0.2	1.2	3,600	520	3,080	0%	0
1961	Lackawanna State Park	1	PARK OFFICE	MEETING ROOM	Exit Signs/Night Lights	Exit Sign Combo LED	2	3	8760	No Action - Existing Efficient/LED Fixture	2	3	8760	-	0	0.0	0.0	0.0	53	53	0	0%	0
1962	Lackawanna State Park	1	PARK OFFICE	OFFICE	Private Office	8' Direct/Indirect 2L 28W T5	2	63	2500	RT, 4' 13W DE LED T5 2L	2	26	2500	-	0	0.1	0.1	0.1	315	130	185	25%	0
1963	Lackawanna State Park	B	PARK OFFICE	MECHANICAL	Mechanical/Electrical Room	4' Industrial BP 2L 32W T8	3	59	520	RT, 4' 10.5W DE LED 2L	3	21	520	-	0	0.2	0.1	0.1	92	33	59	0%	0
1964	Lackawanna State Park	B	PARK OFFICE	MECHANICAL	Mechanical/Electrical Room	Keyless Inc 60W A	2	60	520	LED 9W A19 Replacement	2	10	520	-	0	0.1	0.0	0.1	62	10	53	0%	0
1965	Lackawanna State Park	B	PARK OFFICE	BASEMENT	Open Office	Keyless CFL 23W Screw In	1	23	3500	LED 9W A19 Replacement	1	10	3500	-	0	0.0	0.0	0.0	81	33	47	25%	0
1966	Lackawanna State Park	B	PARK OFFICE	BASEMENT	Open Office	Keyless CFL 13W Screw In	1	13	3500	LED 9W A19 Replacement	1	10	3500	-	0	0.0	0.0	0.0	46	33	12	25%	0
1967	Lackawanna State Park	B	PARK OFFICE	BASEMENT	Open Office	4' Industrial BP 2L 32W T8	5	59	3500	RT, 4' 10.5W DE LED 2L	5	21	3500	-	0	0.3	0.1	0.2	1,033	368	665	25%	0
1968	Lackawanna State Park	B	PARK OFFICE	BASEMENT	Open Office	4' Industrial 1L 28W T5	6	32	3500	RT, 4' 10.5W DE LED 1L	6	11	3500	-	0	0.2	0.1	0.1	672	221	452	25%	0
1969	Lackawanna State Park	B	PARK OFFICE	OPEN OFFICE	Open Office	6" Rec Can CFL 32W 4P	2	34	3500	RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm	2	13	3500	-	0	0.1	0.0	0.0	238	91	147	25%	0
1970	Lackawanna State Park	B	PARK OFFICE	OPEN OFFICE	Emergency Only	Emergency Fixture	3	0	0	No Action - Emergency Use Only	3	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
1971	Lackawanna State Park	B	PARK OFFICE	OPEN OFFICE	Open Office	2X4 Volumetric Rec 2L T5	14	63	3500	RT, 4' 13W DE LED T5 2L	14	26	3500	-	0	0.9	0.4	0.5	3,087	1,274	1,813	25%	0
1972	Lackawanna State Park	B	PARK OFFICE	RESTROOM	Restroom	6" Rec Can CFL 32W 4P	1	34	2625	RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm	1	13	2625	-	0	0.0	0.0	0.0	89	34	55	25%	0
1973	Lackawanna State Park	B	PARK OFFICE	RESTROOM	Restroom	Decorative 1L 2' T5	1	18	2625	RT, 2' 9W DE LED T5 1L	1	9	2625	-	0	0.0	0.0	0.0	47	24	24	25%	0
1974	Lackawanna State Park	B	PARK OFFICE	OFFICE	Private Office	2X4 Volumetric Rec 2L T5	1	63	2500	RT, 4' 13W DE LED T5 2L	1	26	2500	-	0	0.1	0.0	0.0	158	65	93	25%	0
1975	Lackawanna State Park	B	PARK OFFICE	CONFERENCE	Conference Room	2X4 Volumetric Rec 2L T5	4	63	2500	RT, 4' 13W DE LED T5 2L	4	26	2500	-	0	0.3	0.1	0.1	630	260	370	0%	0
1976	Lackawanna State Park	B	PARK OFFICE	BREAK ROOM	Break Room	8' Direct/Indirect 2L 28W T5	2	63	923	RT, 4' 13W DE LED T5 2L	2	26	923	-	0	0.1	0.1	0.1	116	48	68	25%	0
1977	Lackawanna State Park	B	PARK OFFICE	BREAK ROOM</																			

2017	Lackawanna State Park		PARK OFFICE	STAIR	Hallways and Common Areas	4' Direct/Indirect 2L 28W T5	2	32	3977	RT, 4' 13W DE LED T5 1L	2	13	3977	-	0	0.1	0.0	0.0	255	103	151	25%	0
2018	Lackawanna State Park		PARK OFFICE	HALLWAY	Hallways and Common Areas	8' Direct/Indirect 2L 28W T5	3	63	3977	RT, 4' 13W DE LED T5 2L	3	26	3977	-	0	0.2	0.1	0.1	752	310	441	25%	0
2019	Lackawanna State Park		PARK OFFICE	HALLWAY	Emergency Only	Emergency Fixture	2	0	0	No Action - Emergency Use Only	2	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2020	Lackawanna State Park		PARK OFFICE	HALLWAY	Exit Signs/Night Lights	Exit Sign LED	2	3	8760	No Action - Existing Efficient/LED Fixture	2	3	8760	-	0	0.0	0.0	0.0	53	53	0	0%	0
2021	Lackawanna State Park		PARK OFFICE	OFFICE	Private Office	8' Direct/Indirect 2L 28W T5	4	63	1875	RT, 4' 13W DE LED T5 2L	4	26	1875	-	0	0.3	0.1	0.1	473	195	278	25%	0
2022	Lackawanna State Park		PARK OFFICE	OFFICE	Private Office	8' Direct/Indirect 2L 28W T5	6	63	1875	RT, 4' 13W DE LED T5 2L	6	26	1875	-	0	0.4	0.2	0.2	709	293	416	25%	0
2023	Lackawanna State Park		PARK OFFICE	MENS RESTROOM	Restroom	6" Rec Can CFL 32W 4P	1	34	2625	RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm	1	13	2625	-	0	0.0	0.0	0.0	89	34	55	25%	0
2024	Lackawanna State Park		PARK OFFICE	MENS RESTROOM	Restroom	2' Vanity 2L T5	1	35	2625	RT, 2' 9W DE LED T5 2L	1	18	2625	-	0	0.0	0.0	0.0	92	47	45	25%	0
2025	Lackawanna State Park		PARK OFFICE	WOMENS RESTROOM	Restroom	6" Rec Can CFL 32W 4P	1	34	2625	RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm	1	13	2625	-	0	0.0	0.0	0.0	89	34	55	25%	0
2026	Lackawanna State Park		PARK OFFICE	WOMENS RESTROOM	Restroom	2' Vanity 2L T5	1	35	2625	RT, 2' 9W DE LED T5 2L	1	18	2625	-	0	0.0	0.0	0.0	92	47	45	25%	0
2027	Lackawanna State Park		PARK OFFICE	CONFERENCE	Conference Room	8' Direct/Indirect 2L 28W T5	18	63	2500	RT, 4' 13W DE LED T5 2L	18	26	2500	-	0	1.1	0.5	0.7	2,835	1,170	1,665	0%	0
2028	Lackawanna State Park		PARK OFFICE	CONFERENCE	Exit Signs/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
2029	Lackawanna State Park		PARK OFFICE	CONFERENCE	Emergency Only	Emergency Fixture	2	0	0	No Action - Emergency Use Only	2	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2030	Lackawanna State Park		PARK OFFICE	STORAGE	Storage Room	4' Wrap 2L 28W T5	1	63	395	RT, 4' 13W DE LED T5 2L	1	26	395	-	0	0.1	0.0	0.0	25	10	15	25%	0
2031	Lackawanna State Park		PARK OFFICE	CLOSET	Storage Room	6" Rec Can CFL 32W 4P	1	34	395	RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm	1	13	395	-	0	0.0	0.0	0.0	13	5	8	25%	0
2032	Lackawanna State Park	EXTERIOR	PARK OFFICE	PARK OFFICE	Exterior - Dusk to Dawn	Flood LED 17W PAR38 2L	2	34	4368	LED 13W PAR38 Replacement 2L	2	26	4368	-	0	0.0	0.0	0.0	297	227	70	25%	0
2033	Lackawanna State Park	EXTERIOR	PARK OFFICE	PARK OFFICE	Emergency Only	Emergency Fixture	5	0	0	No Action - Emergency Use Only	5	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2034	Lackawanna State Park	EXTERIOR	PARK OFFICE	PARK OFFICE	Exterior - Dusk to Dawn	Shoobox LED 150W	2	150	4368	No Action - Existing Efficient/LED Fixture	2	150	4368	-	0	0.0	0.0	0.0	1,310	1,310	0	25%	0
2035	Lackawanna State Park	EXTERIOR	PARK OFFICE	PARK OFFICE	Exterior - Dusk to Dawn	Wall Pack HPS 70W	1	95	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	415	87	328	25%	0
2036	Lackawanna State Park	EXTERIOR	PARK OFFICE	PARK OFFICE	Exterior - Dusk to Dawn	Wall Pack MH 70W	1	95	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	415	87	328	25%	0
2037	Lackawanna State Park		MAINTENANCE GARAGE	BENCH	Maintenance & Garages	4' Industrial BP 2L 32W T8	3	59	2350	RT, 4' 10.5W DE LED 2L	3	21	2350	-	0	0.2	0.1	0.1	416	148	268	25%	0
2038	Lackawanna State Park		MAINTENANCE GARAGE	BAY 1	Maintenance & Garages	4' Industrial BP 2L 32W T8	7	59	2350	RT, 4' 10.5W DE LED 2L	7	21	2350	-	0	0.4	0.1	0.3	971	345	625	25%	0
2039	Lackawanna State Park		MAINTENANCE GARAGE	RESTROOM	Restroom (Private)	Jelly Jar CFL 23W Screw In	1	23	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	23	10	14	25%	0
2040	Lackawanna State Park		MAINTENANCE GARAGE	TOOL STORAGE	Storage Room	Jelly Jar CFL 13W Screw In	2	13	527	LED 9W A19 Replacement	2	10	527	-	0	0.0	0.0	0.0	14	10	4	25%	0
2041	Lackawanna State Park		MAINTENANCE GARAGE	TOOL STORAGE	Storage Room	4' Industrial BP 2L 32W T8	1	59	527	RT, 4' 10.5W DE LED 2L	1	21	527	-	0	0.1	0.0	0.0	31	11	20	25%	0
2042	Lackawanna State Park		MAINTENANCE GARAGE	LOCKER	Maintenance & Garages	Keyless CFL 13W Screw In	1	13	2350	LED 9W A19 Replacement	1	10	2350	-	0	0.0	0.0	0.0	31	22	8	25%	0
2043	Lackawanna State Park		MAINTENANCE GARAGE	LOCKER	Maintenance & Garages	4' Industrial BP 2L 32W T8	1	59	2350	RT, 4' 10.5W DE LED 2L	1	21	2350	-	0	0.1	0.0	0.0	139	49	89	25%	0
2044	Lackawanna State Park		MAINTENANCE GARAGE	BREAK	Maintenance & Garages	4' Industrial BP 2L 32W T8	2	59	2350	RT, 4' 10.5W DE LED 2L	2	21	2350	-	0	0.1	0.0	0.1	277	99	179	25%	0
2045	Lackawanna State Park		MAINTENANCE GARAGE	WOOD SHOP	Maintenance & Garages	4' Industrial BP 2L 32W T8	6	59	2350	RT, 4' 10.5W DE LED 2L	6	21	2350	-	0	0.4	0.1	0.2	832	296	536	25%	0
2046	Lackawanna State Park		MAINTENANCE GARAGE	BAY 2	Maintenance & Garages	4' Industrial BP 2L 32W T8	3	59	2350	RT, 4' 10.5W DE LED 2L	3	21	2350	-	0	0.2	0.1	0.1	416	148	268	25%	0
2047	Lackawanna State Park		MAINTENANCE GARAGE	BAY 2	Maintenance & Garages	Keyless CFL 23W Screw In	1	23	2350	LED 9W A19 Replacement	1	10	2350	-	0	0.0	0.0	0.0	54	22	32	25%	0
2048	Lackawanna State Park		MAINTENANCE GARAGE	OFFICE	Maintenance & Garages	4' Industrial BP 2L 32W T8	1	59	2350	RT, 4' 10.5W DE LED 2L	1	21	2350	-	0	0.1	0.0	0.0	139	49	89	25%	0
2049	Lackawanna State Park		MAINTENANCE GARAGE	PAINT ROOM	Maintenance & Garages	Explosion Proof CFL 23W Screw In	1	23	2350	LED 9W A19 Replacement	1	10	2350	-	0	0.0	0.0	0.0	54	22	32	25%	0
2050	Lackawanna State Park	EXTERIOR	MAINTENANCE GARAGE	MAINTENANCE GARAGE	Exterior - Dusk to Dawn	Flood LED 17W PAR38 2L	2	34	4368	LED 13W PAR38 Replacement 2L	2	26	4368	-	0	0.0	0.0	0.0	297	227	70	25%	0
2051	Lackawanna State Park		DAY USE COMFORT STATION	MECHANICAL	Mechanical/Electrical Room	RLM CFL 23W Screw In	1	23	520	LED 9W A19 Replacement	1	10	520	-	0	0.0	0.0	0.0	12	5	7	0%	0
2052	Lackawanna State Park		DAY USE COMFORT STATION	MENS RESTROOM	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 23W Screw In	6	23	4410	LED 9W A19 Replacement	6	10	4410	-	0	0.1	0.1	0.1	609	251	357	0%	0
2053	Lackawanna State Park		DAY USE COMFORT STATION	WOMENS RESTROOM	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 23W Screw In	6	23	4410	LED 9W A19 Replacement	6	10	4410	-	0	0.1	0.1	0.1	609	251	357	0%	0
2054	Lackawanna State Park	EXTERIOR	DAY USE COMFORT STATION	DAY USE COMFORT STATION	Exterior - Dusk to Dawn	RLM CFL 23W Screw In	2	23	4368	LED 9W A19 Replacement	2	10	4368	-	0	0.0	0.0	0.0	201	83	118	25%	0
2055	Lackawanna State Park		DAY USE COMFORT STATION	PIPECHASE	Mechanical/Electrical Room	Keyless CFL 23W Screw In	2	23	520	LED 9W A19 Replacement	2	10	520	-	0	0.0	0.0	0.0	24	10	14	0%	0
2056	Lackawanna State Park	EXTERIOR	SEWAGE PLANT	PARKING LOT	Exterior - Dusk to Dawn	Barnlight LED 55W	1	55	4368	No Action - Existing Efficient/LED Fixture	1	55	4368	-	0	0.0	0.0	0.0	240	240	0	25%	0
2057	Lackawanna State Park		SEWAGE PLANT	PUMP ROOM	Mechanical/Electrical Room	Jelly Jar CFL 23W Screw In	3	23	520	LED 9W A19 Replacement	3	10	520	-	0	0.1	0.0	0.0	36	15	21	0%	0
2058	Lackawanna State Park		SEWAGE PLANT	PUMP ROOM	Mechanical/Electrical Room	4' Industrial BP 2L	1	72	520	RT, 4' 10.5W DE LED 2L	1	21	520	-	0	0.1	0.0	0.1	37	11	27	0%	0
2059	Lackawanna State Park	EXTERIOR	SEWAGE PLANT	SEWAGE PLANT	Exterior - Dusk to Dawn	Jelly Jar Empty E26	1	0	4368	LED 9W A19 Replacement	1	10	4368	-	0	0.0	0.0	0.0	0	41	-41	25%	0
2060	Lackawanna State Park		SEWAGE PLANT	CHEMICAL STORAGE	Storage Room	Jelly Jar CFL 23W Screw In	1	23	527	LED 9W A19 Replacement	1	10	527	-	0	0.0	0.0	0.0	12	5	7	25%	0
2061	Lackawanna State Park		PARK RESIDENCE	KITCHEN	Residence - Kitchen	4" Rec Can CFL 13W Screw In	2	13	1000	LED 9W A19 Replacement	2	10	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
2062	Lackawanna State Park		PARK RESIDENCE	KITCHEN	Residence - Kitchen	4" Wrap BP 2L	2	72	1000	RT, 4' 10.5W DE LED 2L	2	21	1000	-	0	0.1	0.0	0.1	144	42	102	25%	0
2063	Lackawanna State Park		PARK RESIDENCE	DINING ROOM	Residence - Living Room	Ceiling Fan CFL 13W Screw In	1	13	2912	LED 9W A19 Replacement	1	10	2912	-	0	0.0	0.0	0.0	38	28	10	25%	0
2064	Lackawanna State Park		PARK RESIDENCE	FAMILY ROOM	Residence - Living Room	Ceiling Fan CFL 13W Screw In	1	13	2912	LED 9W A19 Replacement	1	10	2912	-	0	0.0	0.0	0.0	38	28	10	25%	0
2065	Lackawanna State Park		PARK RESIDENCE	BEDROOM	Residence - Bedroom	Drum CFL 13W Screw In 2L	1	26	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
2066	Lackawanna State Park		PARK RESIDENCE	HALLWAY	Residence - Hall	Drum CFL 13W Screw In 2L	1	26	4321	LED 9W A19 Replacement 2L	1	19	4321	-	0	0.0	0.0	0.0	112	82	30	25%	0
2067	Lackawanna State Park		PARK RESIDENCE	BATH ROOM	Residence - Bathroom	Ceiling Fan CFL 13W Screw In	1	13	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	13	10	4	25%	0
2068	Lackawanna State Park		PARK RESIDENCE	BATH ROOM	Residence - Bathroom	Vanity Inc 25W C10 E12 5L	1	125	1000	LED 5.5W B11 E12 Replacement 5L	1	28	1000	-	0	0.1	0.0	0.1	125	28	98	25%	0
2069	Lackawanna State Park		PARK RESIDENCE	BEDROOM	Residence - Bedroom	Drum CFL 13W Screw In 2L	1	26	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
2070	Lackawanna State Park		PARK RESIDENCE	BEDROOM	Residence - Bedroom	Drum CFL 13W Screw In 2L	1	26	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
2071	Lackawanna State Park		PARK RESIDENCE	ATTIC	Storage Room	Keyless Inc 100W A	1	100	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	53	5	48	25%	0
2072	Lackawanna State Park		PARK RESIDENCE	BASEMENT	Residence - Living Room	Keyless LED 9W A	2	9	2912	LED 9W A19 Replacement	2	10	2912	-	0	0.0	0.0	0.0	52	55	-3	25%	0
2073	Lackawanna State Park		PARK RESIDENCE	WASH ROOM	Residence - Bathroom	6" Rec Can LED 12W	4	12	1000	No Action - Existing Efficient/LED Fixture	4	12	1000	-	0	0.0	0.0	0.0	48	48	0	25%	0
2074	Lackawanna State Park		PARK RESIDENCE	1ST BATH ROOM	Residence - Bathroom	6" Rec Can LED 12W	2	12	1000	No Action - Existing Efficient/LED Fixture	2	12	1000	-	0	0.0	0.0	0.0	24	24	0	25%	0
2075	Lackawanna State Park		PARK RESIDENCE	1ST BATH ROOM	Residence - Bathroom	Ceiling Fan LED 9W A	1	9	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	9	10	-1	25%	0
2076	Lackawanna State Park		PARK RESIDENCE	1ST BATH ROOM	Residence - Bathroom	Vanity LED 5W G25 4L	1	20	1000	LED 6W G25 E26 Replacement 5L	1	30	1000	-	0	0.0	0.0	0.0	20	30	-10	25%	0
2077	Lackawanna State Park		PARK RESIDENCE	1ST BEDROOM MASTER	Residence - Bedroom	Ceiling Fan LED 5W C10 2L	1	10	1000	LED 5.5W B11 E12 Replacement 2L	1	11	1000	-	0	0.0	0.0	0.0	10	11	-1	25%	0
2078	Lackawanna State Park	EXTERIOR	PARK RESIDENCE	PARK RESIDENCE	Exterior - Switch	Jelly Jar CFL 13W Screw In	1	13	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	13				



2118	Lackawanna State Park		Ranger Station 1	Open Office	Open Office	Track Head Hal 65W PAR30	8	65	3500	LED 10W PAR30 Replacement	8	10	3500	-	0	0.5	0.1	0.4	1,820	280	1,540	25%	0
2119	Lackawanna State Park		Ranger Station 1	Conference Room	Conference Room	2' Cove 2L FT24	3	49	2500	RT, LED 10W 4P 2G11 2L	3	20	2500	-	0	0.1	0.1	0.1	368	150	218	0%	0
2120	Lackawanna State Park		Ranger Station 1	Conference Room	Conference Room	6" Rec Can Hal 65W PAR30	5	65	2500	LED 9W A19 Replacement	5	10	2500	-	0	0.3	0.0	0.3	813	119	694	0%	0
2121	Lackawanna State Park		Ranger Station 1	Conference Room	Emergency Only	Emergency Fixture	2	0	0	No Action - Emergency Use Only	2	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2122	Lackawanna State Park		Ranger Station 1	Conference Room	Exit Sign/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
2123	Lackawanna State Park		Ranger Station 1	Kitchen	Kitchen	2X4 Prism Rec 2L	2	72	1671	RT, 4' 10.5W DE LED 2L	2	21	1671	-	0	0.1	0.0	0.1	241	70	170	25%	0
2124	Lackawanna State Park		Ranger Station 1	Private Office 1	Private Office	2X4 Prism Rec 4L	3	144	2500	RT, 4' 10.5W DE LED 4L	3	42	2500	-	0	0.4	0.1	0.3	1,080	315	765	25%	0
2125	Lackawanna State Park		Ranger Station 1	Private Office 2	Private Office	2X4 Prism Rec 4L	3	144	2500	RT, 4' 10.5W DE LED 4L	3	42	2500	-	0	0.4	0.1	0.3	1,080	315	765	25%	0
2126	Lackawanna State Park		Ranger Station 1	Private Restroom	Restroom (Private)	2' Wall Bracket 2L	1	51	1000	RT, 2' 7W DE LED 2L	1	14	1000	-	0	0.1	0.0	0.0	51	14	37	25%	0
2127	Lackawanna State Park		Ranger Station 1	Private Restroom	Restroom (Private)	Fan Inc 75W A	1	75	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.1	0.0	0.1	75	10	66	25%	0
2128	Lackawanna State Park		Ranger Station 1	Storage Room	Storage Room	Jelly Jar LED 9W A	4	9	527	LED 9W A19 Replacement	4	10	527	-	0	0.0	0.0	0.0	19	20	-1	25%	0
2129	Lackawanna State Park		Ranger Station 1	Front Canopy	Exterior - Dusk to Dawn	Canopy LED 25W BB	1	25	4368	No Action - Existing Efficient/LED Fixture	1	25	4368	-	0	0.0	0.0	0.0	109	109	0	25%	0
2130	Lackawanna State Park		Ranger Station 1	North East Wall	Exterior - Dusk to Dawn	Wall Pack CFL 32W Screw In	2	32	4368	Wall Pack LED SEC 2.5 kLm PC	2	20	4368	-	0	0.0	0.0	0.0	280	175	105	25%	0
2131	Lackawanna State Park		Ranger Station 1	South West Door	Exterior - Dusk to Dawn	Wall Pack HPS 70W	1	95	4368	Wall Pack LED SEC 2.5 kLm PC	1	20	4368	-	0	0.0	0.0	0.0	415	87	328	25%	0
2132	Lackawanna State Park		Ranger Station 1	Flag	Exterior - Dusk to Dawn	Flood Hal 90 PAR38	1	90	4368	LED 13W PAR38 Replacement	1	13	4368	-	0	0.0	0.0	0.0	393	57	336	25%	0
2133	Lackawanna State Park		Ranger Station 2	Vestibule	Vestibule	2X4 Prism Rec 4L	1	144	3977	RT, 4' 10.5W DE LED 4L	1	42	3977	-	0	0.1	0.0	0.1	573	167	406	0%	0
2134	Lackawanna State Park		Ranger Station 2	Reception Open Office	Open Office	6" Rec Can Hal 65W PAR30	10	65	3500	LED 9W A19 Replacement	10	10	3500	-	0	0.7	0.1	0.6	2,275	333	1,943	25%	0
2135	Lackawanna State Park		Ranger Station 2	Reception Open Office	Open Office	4' Cove BP 1L	3	43	3500	RT, 4' 10.5W DE LED 1L	3	11	3500	-	0	0.1	0.0	0.1	452	110	341	25%	0
2136	Lackawanna State Park		Ranger Station 2	Reception Open Office	Exit Sign/Night Lights	Exit Sign Paper	2	0	8760	No Action	2	0	8760	-	0	0.0	0.0	0.0	0	0	0	0%	0
2137	Lackawanna State Park		Ranger Station 2	Reception Open Office	Exit Sign/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
2138	Lackawanna State Park		Ranger Station 2	Reception Open Office	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2139	Lackawanna State Park		Ranger Station 2	Display Case	Hallways and Common Areas	None Existing	0	0	3977	No Action	0	0	3977	-	0	0.0	0.0	0.0	0	0	0	25%	0
2140	Lackawanna State Park		Ranger Station 2	Storage Closet	Storage Room	4' Strip BP 1L	2	43	527	RT, 4' 10.5W DE LED 1L	2	11	527	-	0	0.1	0.0	0.1	45	11	34	25%	0
2141	Lackawanna State Park		Ranger Station 2	Restroom	Women's Restroom	2' Wall Bracket 2L	1	51	3500	RT, 2' 7W DE LED 2L	1	14	3500	-	0	0.1	0.0	0.0	179	49	130	25%	0
2142	Lackawanna State Park		Ranger Station 2	Restroom	Women's Restroom	Fan Inc 75W A	1	75	3500	LED 9W A19 Replacement	1	10	3500	-	0	0.1	0.0	0.1	263	33	229	25%	0
2143	Lackawanna State Park		Ranger Station 2	Restroom	Mens Restroom	2' Wall Bracket 2L	1	51	3500	RT, 2' 7W DE LED 2L	1	14	3500	-	0	0.1	0.0	0.0	179	49	130	25%	0
2144	Lackawanna State Park		Ranger Station 2	Restroom	Mens Restroom	Fan Inc 75W A	1	75	3500	LED 9W A19 Replacement	1	10	3500	-	0	0.1	0.0	0.1	263	33	229	25%	0
2145	Lackawanna State Park		Ranger Station 2	Open Office	Open Office	8" Rec Can Hal 65W PAR30	3	65	3500	LED 9W A19 Replacement	3	10	3500	-	0	0.2	0.0	0.2	683	100	583	25%	0
2146	Lackawanna State Park		Ranger Station 2	Open Office	Open Office	Track Head Hal 65W PAR30	8	65	3500	LED 10W PAR30 Replacement	8	10	3500	-	0	0.5	0.1	0.4	1,820	280	1,540	25%	0
2147	Lackawanna State Park		Ranger Station 2	Conference Room	Conference Room	2' Cove 2L FT24	3	49	2500	RT, LED 10W 4P 2G11 2L	3	20	2500	-	0	0.1	0.1	0.1	368	150	218	0%	0
2148	Lackawanna State Park		Ranger Station 2	Conference Room	Conference Room	6" Rec Can Hal 65W PAR30	5	65	2500	LED 9W A19 Replacement	5	10	2500	-	0	0.3	0.0	0.3	813	119	694	0%	0
2149	Lackawanna State Park		Ranger Station 2	Conference Room	Emergency Only	Emergency Fixture	2	0	0	No Action - Emergency Use Only	2	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2150	Lackawanna State Park		Ranger Station 2	Conference Room	Exit Sign/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
2151	Lackawanna State Park		Ranger Station 2	Kitchen	Kitchen	2X4 Prism Rec 2L	2	72	1671	RT, 4' 10.5W DE LED 2L	2	21	1671	-	0	0.1	0.0	0.1	241	70	170	25%	0
2152	Lackawanna State Park		Ranger Station 2	Private Office 1	Private Office	2X4 Prism Rec 4L	3	144	2500	RT, 4' 10.5W DE LED 4L	3	42	2500	-	0	0.4	0.1	0.3	1,080	315	765	25%	0
2153	Lackawanna State Park		Ranger Station 2	Private Office 2	Private Office	2X4 Prism Rec 4L	3	144	2500	RT, 4' 10.5W DE LED 4L	3	42	2500	-	0	0.4	0.1	0.3	1,080	315	765	25%	0
2154	Lackawanna State Park		Ranger Station 2	Private Restroom	Restroom (Private)	2' Wall Bracket 2L	1	51	1000	RT, 2' 7W DE LED 2L	1	14	1000	-	0	0.1	0.0	0.0	51	14	37	25%	0
2155	Lackawanna State Park		Ranger Station 2	Private Restroom	Restroom (Private)	Fan Inc 75W A	1	75	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.1	0.0	0.1	75	10	66	25%	0
2156	Lackawanna State Park		Ranger Station 2	Storage Room	Storage Room	Jelly Jar LED 9W A	4	9	527	LED 9W A19 Replacement	4	10	527	-	0	0.0	0.0	0.0	19	20	-1	25%	0
2157	Lackawanna State Park		Ranger Station 2	Front Canopy	Exterior - Dusk to Dawn	Canopy LED 25W BB	1	25	4368	No Action - Existing Efficient/LED Fixture	1	25	4368	-	0	0.0	0.0	0.0	109	109	0	25%	0
2158	Lackawanna State Park		Ranger Station 2	North East Wall	Exterior - Dusk to Dawn	Wall Pack CFL 32W Screw In	2	32	4368	Wall Pack LED SEC 2.5 kLm PC	2	20	4368	-	0	0.0	0.0	0.0	280	175	105	25%	0
2159	Lackawanna State Park		Ranger Station 2	South West Door	Exterior - Dusk to Dawn	Wall Pack HPS 70W	1	95	4368	Wall Pack LED SEC 2.5 kLm PC	1	20	4368	-	0	0.0	0.0	0.0	415	87	328	25%	0
2160	Lackawanna State Park		Ranger Station 2	Flag	Exterior - Dusk to Dawn	Flood Hal 90 PAR38	1	90	4368	LED 13W PAR38 Replacement	1	13	4368	-	0	0.0	0.0	0.0	393	57	336	25%	0
2161	Lackawanna State Park		Bath House / lifeguard 429-77	SHOWER 1-4	Comfort Stations & Secluded Restrooms	4' Wrap BP 2L 32W T8	4	59	4410	RT, 4' 10.5W DE LED 2L	4	21	4410	-	0	0.2	0.1	0.2	1,041	370	670	0%	0
2162	Lackawanna State Park		Bath House / lifeguard 429-78	RESTROOM SINK	Exterior - Switch	4' Vanity BP 2L 32W T8	1	59	1000	RT, 4' 10.5W DE LED 2L	1	21	1000	-	0	0.0	0.0	0.0	59	21	38	0%	0
2163	Lackawanna State Park		Bath House / lifeguard 429-79	RESTROOM 1-4	Comfort Stations & Secluded Restrooms	4' Wrap BP 2L 32W T8	4	59	4410	RT, 4' 10.5W DE LED 2L	4	21	4410	-	0	0.2	0.1	0.2	1,041	370	670	0%	0
2164	Lackawanna State Park		Bath House / lifeguard 429-80	EXTERIOR	Exterior - Dusk to Dawn	Rec Sq. HPS 100W	4	138	4368	LED 14W A21 Retrofit	4	14	4368	-	0	0.0	0.0	0.0	2,411	245	2,167	25%	0
2165	Lackawanna State Park		Swimming Pool filter building 429-76	Filter Room	Mechanical/Electrical Room	RLM CFL 105W Screw In	8	105	520	LED 35W A25 Replacement	8	35	520	-	0	0.8	0.3	0.6	437	146	291	0%	0
2166	Lackawanna State Park		Swimming Pool filter building 429-77	Controls	Mechanical/Electrical Room	4' Shop BP 2L	1	72	520	RT, 4' 10.5W DE LED 2L	1	21	520	-	0	0.1	0.0	0.1	37	11	27	0%	0
2167	Lackawanna State Park		Wash House 429-82 (Maple Lane)	MECHANICAL	Mechanical/Electrical Room	4' Vaportight BP 2L 32W T8	2	59	520	RT, 4' 10.5W DE LED 2L	2	21	520	-	0	0.1	0.0	0.1	61	22	40	0%	0
2168	Lackawanna State Park		Wash House 429-82 (Maple Lane)	FAMILY SHOWER	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 26W 4P	3	27	4410	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	3	9	4410	-	0	0.1	0.0	0.1	357	119	238	0%	0
2169	Lackawanna State Park		Wash House 429-82 (Maple Lane)	FAMILY SHOWER	Comfort Stations & Secluded Restrooms	4' Direct/Indirect BP 1L 32W T8	1	31	4410	RT, 4' 10.5W DE LED 1L	1	11	4410	-	0	0.0	0.0	0.0	137	46	90	0%	0
2170	Lackawanna State Park		Wash House 429-82 (Maple Lane)	FAMILY SHOWER	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2171	Lackawanna State Park		Wash House 429-82 (Maple Lane)	LAUNDRY	Comfort Stations & Secluded Restrooms	4' Vaportight BP 2L 32W T8	2	59	4410	RT, 4' 10.5W DE LED 2L	2	21	4410	-	0	0.1	0.0	0.1	520	185	335	0%	0
2172	Lackawanna State Park		Wash House 429-82 (Maple Lane)	MENS SHOWER	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 26W 4P	6	27	4410	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	6	9	4410	-	0	0.2	0.1	0.1	714	238	476	0%	0
2173	Lackawanna State Park		Wash House 429-82 (Maple Lane)	MENS SHOWER	Comfort Stations & Secluded Restrooms	8' Direct/Indirect BP 2L 32W T8	1	59	4410	RT, 4' 10.5W DE LED 2L	1	21	4410	-	0	0.1	0.0	0.0	260	93	168	0%	0
2174	Lackawanna State Park		Wash House 429-82 (Maple Lane)	MENS SHOWER	Comfort Stations & Secluded Restrooms	4' Direct/Indirect BP 1L 32W T8	1	31	4410	RT, 4' 10.5W DE LED 1L	1	11	4410	-	0	0.0	0.0	0.0	137	46	90	0%	0
2175	Lackawanna State Park		Wash House 429-82 (Maple Lane)	MENS SHOWER	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2176	Lackawanna State Park		Wash House 429-82 (Maple Lane)	MENS SHOWER	Exit Sign/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
2177	Lackawanna State Park		Wash House 429-82 (Maple Lane)	WOMENS SHOWER	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 26W 4P	6	27	4410	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	6	9	4410	-	0	0.2	0.1	0.1	714	238	476	0%	0
2178	Lackawanna State Park		Wash House 429-82 (Maple Lane)	WOMENS SHOWER	Comfort Stations & Secluded Restrooms	8' Direct/Indirect BP 2L 32W T8	1	59	4410	RT, 4' 10.5W DE LED 2L	1	21	4410	-	0	0.1	0.0	0.0	260	93	168	0%	0
2179	Lackawanna State Park		Wash House 429-82 (Maple Lane)	WOMENS SHOWER	Comfort Stations & Secluded Restrooms	4' Direct/Indirect BP 1L 32W T8	1	31	4410														

2219	Lackawanna State Park	Wash House OGT 429-83	EXTERIOR	Emergency Only	Emergency Fixture	3	0	0	No Action - Emergency Use Only	3	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2220	Lackawanna State Park	Wash House OGT 429-83	PIPECHASE	Mechanical/Electrical Room	4" Vaportight BP 2L 32W T8	2	59	520	RT, 4' 10.5W DE LED 2L	2	21	520	-	0	0.1	0.0	0.1	61	22	40	0%	0
2221	Lackawanna State Park	Pump House 429-72	Mechanical/Electrical Room	4" Vaportight BP 2L 32W T8	Pump	1	59	520	RT, 4' 10.5W DE LED 2L	1	21	520	-	0	0.1	0.0	0.0	31	11	20	0%	0
2222	Lackawanna State Park	Pump House 429-72	Pump	Mechanical/Electrical Room	4" Vaportight BP 2L 32W T8	1	59	520	RT, 4' 10.5W DE LED 2L	1	21	520	-	0	0.1	0.0	0.0	31	11	20	0%	0
2223	Lackawanna State Park	Pump House 429-72	Mechanical/Electrical Room	Pump	4" Vaportight BP 2L 32W T8	1	59	520	RT, 4' 10.5W DE LED 2L	1	21	520	-	0	0.1	0.0	0.0	31	11	20	0%	0
2224	Lackawanna State Park	Wash House 429-81 (Fox Run)	MECHANICAL	Mechanical/Electrical Room	4" Vaportight BP 2L 32W T8	2	59	520	RT, 4' 10.5W DE LED 2L	2	21	520	-	0	0.1	0.0	0.1	61	22	40	0%	0
2225	Lackawanna State Park	Wash House 429-81 (Fox Run)	FAMILY SHOWER	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 26W 4P	3	27	4410	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	3	9	4410	-	0	0.1	0.0	0.1	357	119	238	0%	0
2226	Lackawanna State Park	Wash House 429-81 (Fox Run)	FAMILY SHOWER	Comfort Stations & Secluded Restrooms	4" Direct/Indirect BP 1L 32W T8	1	31	4410	RT, 4' 10.5W DE LED 1L	1	11	4410	-	0	0.0	0.0	0.0	137	46	90	0%	0
2227	Lackawanna State Park	Wash House 429-81 (Fox Run)	FAMILY SHOWER	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2228	Lackawanna State Park	Wash House 429-81 (Fox Run)	LAUNDRY	Comfort Stations & Secluded Restrooms	4" Vaportight BP 2L 32W T8	2	59	4410	RT, 4' 10.5W DE LED 2L	2	21	4410	-	0	0.1	0.0	0.1	520	185	335	0%	0
2229	Lackawanna State Park	Wash House 429-81 (Fox Run)	MENS SHOWER	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 26W 4P	6	27	4410	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	6	9	4410	-	0	0.2	0.1	0.1	714	238	476	0%	0
2230	Lackawanna State Park	Wash House 429-81 (Fox Run)	MENS SHOWER	Comfort Stations & Secluded Restrooms	8" Direct/Indirect BP 2L 32W T8	1	59	4410	RT, 4' 10.5W DE LED 2L	1	21	4410	-	0	0.1	0.0	0.0	260	93	168	0%	0
2231	Lackawanna State Park	Wash House 429-81 (Fox Run)	MENS SHOWER	Comfort Stations & Secluded Restrooms	4" Direct/Indirect BP 1L 32W T8	1	31	4410	RT, 4' 10.5W DE LED 1L	1	11	4410	-	0	0.0	0.0	0.0	137	46	90	0%	0
2232	Lackawanna State Park	Wash House 429-81 (Fox Run)	MENS SHOWER	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2233	Lackawanna State Park	Wash House 429-81 (Fox Run)	MENS SHOWER	Exit Signs/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
2234	Lackawanna State Park	Wash House 429-81 (Fox Run)	WOMENS SHOWER	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 26W 4P	6	27	4410	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	6	9	4410	-	0	0.2	0.1	0.1	714	238	476	0%	0
2235	Lackawanna State Park	Wash House 429-81 (Fox Run)	WOMENS SHOWER	Comfort Stations & Secluded Restrooms	8" Direct/Indirect BP 2L 32W T8	1	59	4410	RT, 4' 10.5W DE LED 2L	1	21	4410	-	0	0.1	0.0	0.0	260	93	168	0%	0
2236	Lackawanna State Park	Wash House 429-81 (Fox Run)	WOMENS SHOWER	Comfort Stations & Secluded Restrooms	4" Direct/Indirect BP 1L 32W T8	1	31	4410	RT, 4' 10.5W DE LED 1L	1	11	4410	-	0	0.0	0.0	0.0	137	46	90	0%	0
2237	Lackawanna State Park	Wash House 429-81 (Fox Run)	WOMENS SHOWER	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2238	Lackawanna State Park	Wash House 429-81 (Fox Run)	WOMENS SHOWER	Exit Signs/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
2239	Lackawanna State Park	Wash House 429-81 (Fox Run)	EXTERIOR	Exterior - Dusk to Dawn	7" Rec Can MH 100W	5	128	4368	RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm	5	13	4368	-	0	0.0	0.0	0.0	2,796	284	2,512	25%	0
2240	Lackawanna State Park	Wash House 429-81 (Fox Run)	EXTERIOR	Emergency Only	Emergency Fixture	3	0	0	No Action - Emergency Use Only	3	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2241	Lackawanna State Park	Wash House 429-81 (Fox Run)	PIPECHASE	Mechanical/Electrical Room	4" Vaportight BP 2L 32W T8	2	59	520	RT, 4' 10.5W DE LED 2L	2	21	520	-	0	0.1	0.0	0.1	61	22	40	0%	0
2242	Lackawanna State Park	Contact Station 429-79	EXTERIOR	Exterior - Dusk to Dawn	Jelly Jar CFL 13W Screw In	2	13	4368	LED 9W A19 Replacement	2	10	4368	-	0	0.0	0.0	0.0	114	83	31	25%	0
2243	Lackawanna State Park	Contact Station 429-79	INTERIOR	Comfort Stations & Secluded Restrooms	4" Wrap LED 32W	2	32	4410	No Action - Existing Efficient/LED Fixture	2	32	4410	-	0	0.1	0.1	0.0	282	282	0	0%	0
2244	Lackawanna State Park	Contact Station 429-79	INTERIOR	Comfort Stations & Secluded Restrooms	Drum LED 20W	1	20	4410	No Action - Existing Efficient/LED Fixture	1	20	4410	-	0	0.0	0.0	0.0	88	88	0	0%	0
2245	Lackawanna State Park	Contact Station 429-79	RESTROOM	Comfort Stations & Secluded Restrooms	Vanity CFL 13W Screw In	2	13	4410	LED 9W A19 Replacement	2	10	4410	-	0	0.0	0.0	0.0	115	84	31	0%	0
2246	Lackawanna State Park	Comfort Station 11 Lot 5	MECHANICAL	Mechanical/Electrical Room	RLM CFL 23W Screw In	1	23	520	LED 9W A19 Replacement	1	10	520	-	0	0.0	0.0	0.0	12	5	7	0%	0
2247	Lackawanna State Park	Comfort Station 11 Lot 5	MENS RESTROOM	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 23W Screw In	6	23	4410	LED 9W A19 Replacement	6	10	4410	-	0	0.1	0.1	0.1	609	251	357	0%	0
2248	Lackawanna State Park	Comfort Station 11 Lot 5	WOMENS RESTROOM	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 23W Screw In	6	23	4410	LED 9W A19 Replacement	6	10	4410	-	0	0.1	0.1	0.1	609	251	357	0%	0
2249	Lackawanna State Park	Comfort Station 11 Lot 5	EXTERIOR	Exterior - Dusk to Dawn	RLM CFL 23W Screw In	2	23	4368	LED 9W A19 Replacement	2	10	4368	-	0	0.0	0.0	0.0	201	83	118	25%	0
2250	Lackawanna State Park	Comfort Station 11 Lot 5	PIPECHASE	Mechanical/Electrical Room	Keyless CFL 23W Screw In	2	23	520	LED 9W A19 Replacement	2	10	520	-	0	0.0	0.0	0.0	24	10	14	0%	0
2251	Lackawanna State Park	Comfort Station 10 429-70	MECHANICAL	Mechanical/Electrical Room	RLM CFL 23W Screw In	1	23	520	LED 9W A19 Replacement	1	10	520	-	0	0.0	0.0	0.0	12	5	7	0%	0
2252	Lackawanna State Park	Comfort Station 10 429-70	MENS RESTROOM	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 23W Screw In	6	23	4410	LED 9W A19 Replacement	6	10	4410	-	0	0.1	0.1	0.1	609	251	357	0%	0
2253	Lackawanna State Park	Comfort Station 10 429-70	WOMENS RESTROOM	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 23W Screw In	6	23	4410	LED 9W A19 Replacement	6	10	4410	-	0	0.1	0.1	0.1	609	251	357	0%	0
2254	Lackawanna State Park	Comfort Station 10 429-70	EXTERIOR	Exterior - Dusk to Dawn	RLM CFL 23W Screw In	2	23	4368	LED 9W A19 Replacement	2	10	4368	-	0	0.0	0.0	0.0	201	83	118	25%	0
2255	Lackawanna State Park	Comfort Station 10 429-70	PIPECHASE	Mechanical/Electrical Room	Keyless CFL 23W Screw In	2	23	520	LED 9W A19 Replacement	2	10	520	-	0	0.0	0.0	0.0	24	10	14	0%	0
2256	Lackawanna State Park	Wash House 429-80 (Carpentertown)	MECHANICAL	Mechanical/Electrical Room	4" Vaportight BP 2L 32W T8	2	59	520	RT, 4' 10.5W DE LED 2L	2	21	520	-	0	0.1	0.0	0.1	61	22	40	0%	0
2257	Lackawanna State Park	Wash House 429-80 (Carpentertown)	FAMILY SHOWER	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 26W 4P	3	27	4410	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	3	9	4410	-	0	0.1	0.0	0.1	357	119	238	0%	0
2258	Lackawanna State Park	Wash House 429-80 (Carpentertown)	FAMILY SHOWER	Comfort Stations & Secluded Restrooms	4" Direct/Indirect BP 1L 32W T8	1	31	4410	RT, 4' 10.5W DE LED 1L	1	11	4410	-	0	0.0	0.0	0.0	137	46	90	0%	0
2259	Lackawanna State Park	Wash House 429-80 (Carpentertown)	FAMILY SHOWER	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2260	Lackawanna State Park	Wash House 429-80 (Carpentertown)	LAUNDRY	Comfort Stations & Secluded Restrooms	4" Vaportight BP 2L 32W T8	2	59	4410	RT, 4' 10.5W DE LED 2L	2	21	4410	-	0	0.1	0.0	0.1	520	185	335	0%	0
2261	Lackawanna State Park	Wash House 429-80 (Carpentertown)	MENS SHOWER	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 26W 4P	6	27	4410	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	6	9	4410	-	0	0.2	0.1	0.1	714	238	476	0%	0
2262	Lackawanna State Park	Wash House 429-80 (Carpentertown)	MENS SHOWER	Comfort Stations & Secluded Restrooms	8" Direct/Indirect BP 2L 32W T8	1	59	4410	RT, 4' 10.5W DE LED 2L	1	21	4410	-	0	0.1	0.0	0.0	260	93	168	0%	0
2263	Lackawanna State Park	Wash House 429-80 (Carpentertown)	MENS SHOWER	Comfort Stations & Secluded Restrooms	4" Direct/Indirect BP 1L 32W T8	1	31	4410	RT, 4' 10.5W DE LED 1L	1	11	4410	-	0	0.0	0.0	0.0	137	46	90	0%	0
2264	Lackawanna State Park	Wash House 429-80 (Carpentertown)	MENS SHOWER	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2265	Lackawanna State Park	Wash House 429-80 (Carpentertown)	MENS SHOWER	Exit Signs/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
2266	Lackawanna State Park	Wash House 429-80 (Carpentertown)	WOMENS SHOWER	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 26W 4P	6	27	4410	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	6	9	4410	-	0	0.2	0.1	0.1	714	238	476	0%	0
2267	Lackawanna State Park	Wash House 429-80 (Carpentertown)	WOMENS SHOWER	Comfort Stations & Secluded Restrooms	8" Direct/Indirect BP 2L 32W T8	1	59	4410	RT, 4' 10.5W DE LED 2L	1	21	4410	-	0	0.1	0.0	0.0	260	93	168	0%	0
2268	Lackawanna State Park	Wash House 429-80 (Carpentertown)	WOMENS SHOWER	Comfort Stations & Secluded Restrooms	4" Direct/Indirect BP 1L 32W T8	1	31	4410	RT, 4' 10.5W DE LED 1L	1	11	4410	-	0	0.0	0.0	0.0	137	46	90	0%	0
2269	Lackawanna State Park	Wash House 429-80 (Carpentertown)	WOMENS SHOWER	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2270	Lackawanna State Park	Wash House 429-80 (Carpentertown)	WOMENS SHOWER	Exit Signs/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
2271	Lackawanna State Park	Wash House 429-80 (Carpentertown)	EXTERIOR	Exterior - Dusk to Dawn	7" Rec Can MH 100W	5	128	4368	RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm	5	13	4368	-	0	0.0	0.0	0.0	2,796	284	2,512	25%	0
2272	Lackawanna State Park	Wash House 429-80 (Carpentertown)	EXTERIOR	Emergency Only	Emergency Fixture	3	0	0	No Action - Emergency Use Only	3	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2273	Lackawanna State Park	Wash House 429-80 (Carpentertown)	PIPECHASE	Mechanical/Electrical Room	4" Vaportight BP 2L 32W T8	2	59	520	RT, 4' 10.5W DE LED 2L	2	21	520	-	0	0.1	0.0	0.1	61	22	40	0%	0
2274	Lackawanna State Park	Carpentertown Campground Wash H	MECHANICAL	Mechanical/Electrical Room	4" Vaportight BP 2L 32W T8	2	59	520	RT, 4' 10.5W DE LED 2L	2	21	520	-	0	0.1	0.0	0.1	61	22	40	0%	0
2275	Lackawanna State Park	Carpentertown Campground Wash H	FAMILY SHOWER	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 26W 4P	3	27	4410	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	3	9	4410	-	0	0.1	0.0	0.1	357	119	238	0%	0
2276	Lackawanna State Park	Carpentertown Campground Wash H	FAMILY SHOWER	Comfort Stations & Secluded Restrooms	4" Direct/Indirect BP 1L 32W T8	1	31	4410	RT, 4' 10.5W DE LED 1L	1	11	4410	-	0	0.0	0.0	0.0	137	46	90	0%	0
2277	Lackawanna State Park	Carpentertown Campground Wash H	FAMILY SHOWER	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2278	Lackawanna State Park	Carpentertown Campground Wash H	LAUNDRY	Comfort Stations & Secluded Restrooms	4" Vaportight BP 2L 32W T8	2	59	4410	RT, 4' 10.5W DE LED 2L	2	21	4410	-	0	0.1	0.0	0.1	520	185	335	0%	0
2279	Lackawanna State Park																					

2320	Lackawanna State Park			Former Park Office 429-66	MAIN OFFICE	Open Office	8' Wrap BP 4L	1	144	3500	RT, 4' 10.5W DE LED 4L	1	42	3500	-	0	0.1	0.0	0.1	504	147	357	25%	0
2321	Lackawanna State Park			Former Park Office 429-66	MAIN OFFICE	Open Office	8' Wrap BP 4L 32W T8	3	112	3500	RT, 4' 10.5W DE LED 4L	3	42	3500	-	0	0.3	0.1	0.2	1,176	441	735	25%	0
2322	Lackawanna State Park			Former Park Office 429-66	HALLWAY	Hallways and Common Areas	8' Wrap BP 4L 32W T8	1	112	3977	RT, 4' 10.5W DE LED 4L	1	42	3977	-	0	0.1	0.0	0.1	445	167	278	25%	0
2323	Lackawanna State Park			Former Park Office 429-66	OFFICE	Private Office	8' Wrap BP 4L 32W T8	1	112	2500	RT, 4' 10.5W DE LED 4L	1	42	2500	-	0	0.1	0.0	0.1	280	105	175	25%	0
2324	Lackawanna State Park			Former Park Office 429-66	OFFICE	Private Office	8' Wrap BP 4L	1	144	2500	RT, 4' 10.5W DE LED 4L	1	42	2500	-	0	0.1	0.0	0.1	360	105	255	25%	0
2325	Lackawanna State Park			Former Park Office 429-66	OFFICE	Private Office	8' Wrap BP 4L	2	144	2500	RT, 4' 10.5W DE LED 4L	2	42	2500	-	0	0.3	0.1	0.2	720	210	510	25%	0
2326	Lackawanna State Park			Former Park Office 429-66	WOMENS RESTROOM	Restroom	4' Vaportight BP 2L 32W T8	1	59	3500	RT, 4' 10.5W DE LED 2L	1	21	3500	-	0	0.1	0.0	0.0	207	74	133	25%	0
2327	Lackawanna State Park			Former Park Office 429-66	WOMENS RESTROOM	Restroom	4' Vaportight BP 2L	1	72	3500	RT, 4' 10.5W DE LED 2L	1	21	3500	-	0	0.1	0.0	0.1	252	74	179	25%	0
2328	Lackawanna State Park			Former Park Office 429-66	JANITOR	Storage Room	4' Wrap BP 2L	1	72	527	RT, 4' 10.5W DE LED 2L	1	21	527	-	0	0.1	0.0	0.1	38	11	27	25%	0
2329	Lackawanna State Park			Former Park Office 429-66	FILE ROOM	Storage Room	4' Wrap BP 2L 32W T8	1	59	527	RT, 4' 10.5W DE LED 2L	1	21	527	-	0	0.1	0.0	0.0	31	11	20	25%	0
2330	Lackawanna State Park			Former Park Office 429-66	FILE ROOM	Storage Room	8' Wrap BP 4L	1	144	527	RT, 4' 10.5W DE LED 4L	1	42	527	-	0	0.1	0.0	0.1	76	22	54	25%	0
2331	Lackawanna State Park			Former Park Office 429-66	BREAK ROOM	Break Room	8' Wrap BP 4L	1	144	1230	RT, 4' 10.5W DE LED 4L	1	42	1230	-	0	0.1	0.0	0.1	177	52	126	25%	0
2332	Lackawanna State Park			Former Park Office 429-66	BREAK ROOM	Break Room	8' Wrap BP 4L	1	144	1230	RT, 4' 10.5W DE LED 4L	1	42	1230	-	0	0.1	0.0	0.1	177	52	126	25%	0
2333	Lackawanna State Park			Former Park Office 429-66	STORAGE	Storage Room	ZX4 Prism Rec 4L	1	144	527	RT, 4' 10.5W DE LED 4L	1	42	527	-	0	0.1	0.0	0.1	76	22	54	25%	0
2334	Lackawanna State Park			Former Park Office 429-66	HALLWAY	Hallways and Common Areas	4' Wrap BP 2L	3	72	3977	RT, 4' 10.5W DE LED 2L	3	21	3977	-	0	0.2	0.1	0.2	859	251	608	25%	0
2335	Lackawanna State Park			Former Park Office 429-66	HALLWAY	Exit Signs/Night Lights	Exit Sign Inc	1	30	8760	Exit Sign LED BB	1	3	8760	-	0	0.0	0.0	0.0	263	26	237	0%	0
2336	Lackawanna State Park			Former Park Office 429-66	HALLWAY	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2337	Lackawanna State Park			Former Park Office 429-66	MANAGERS OFFICE	Private Office	ZX4 PSQ Rec 4L	4	144	2500	RT, 4' 10.5W DE LED 4L	4	42	2500	-	0	0.6	0.2	0.4	1,440	420	1,020	25%	0
2338	Lackawanna State Park			Former Park Office 429-66	OFFICE	Private Office	ZX4 PSQ Rec 4L	2	144	2500	RT, 4' 10.5W DE LED 4L	2	42	2500	-	0	0.3	0.1	0.2	720	210	510	25%	0
2339	Lackawanna State Park			Former Park Office 429-66	LOCKER ROOM	Locker-room	ZX4 PSQ Rec 4L	1	144	4400	RT, 4' 10.5W DE LED 4L	1	42	4400	-	0	0.1	0.0	0.1	634	185	449	25%	0
2340	Lackawanna State Park			Former Park Office 429-66	WEAPON STORAGE	Storage Room	ZX4 PSQ Rec 4L	1	144	527	RT, 4' 10.5W DE LED 4L	1	42	527	-	0	0.1	0.0	0.1	76	22	54	25%	0
2341	Lackawanna State Park			Former Park Office 429-66	STORAGE	Storage Room	4' Wrap BP 2L	2	72	527	RT, 4' 10.5W DE LED 2L	2	21	527	-	0	0.1	0.0	0.1	76	22	54	25%	0
2342	Lackawanna State Park			Former Park Office 429-66	STAIRS	Hallways and Common Areas	4' Wrap BP 2L	3	72	3977	RT, 4' 10.5W DE LED 2L	3	21	3977	-	0	0.2	0.1	0.2	859	251	608	25%	0
2343	Lackawanna State Park			Former Park Office 429-66	STAIRS	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2344	Lackawanna State Park			Former Park Office 429-66	LOWER LEVEL OFFICE	Open Office	ZX4 Prism Rec 4L	8	144	3500	RT, 4' 10.5W DE LED 4L	8	42	3500	-	0	1.2	0.3	0.8	4,032	1,176	2,856	25%	0
2345	Lackawanna State Park			Former Park Office 429-66	LOWER LEVEL OFFICE	Exit Signs/Night Lights	Exit Sign Inc	2	30	8760	Exit Sign LED BB	2	3	8760	-	0	0.1	0.0	0.1	526	53	473	0%	0
2346	Lackawanna State Park			Former Park Office 429-66	LOWER LEVEL OFFICE	Open Office	2x2 Prism Rec 2L 32W U6 T8	2	59	3500	RT, 2' 7W DE LED 2L, 2x2 Refl Kit	2	14	3500	-	0	0.1	0.0	0.1	413	98	315	25%	0
2347	Lackawanna State Park			Former Park Office 429-66	EXTERIOR	Exterior - Dusk to Dawn	Wall Pack LED 9W A	1	9	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	39	87	-48	25%	0
2348	Lackawanna State Park			Former Park Office 429-66	EXTERIOR	Exterior - Dusk to Dawn	Wall Pack LED 9W A	1	9	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	39	87	-48	25%	0
2349	Lackawanna State Park			Former Park Office 429-66	EXTERIOR	Exterior - Dusk to Dawn	Flood MV 100W	2	128	4368	Flood LED 2.1 klm UNV	2	15	4368	-	0	0.0	0.0	0.0	1,118	131	987	25%	0
2350	Lackawanna State Park			Former Park Office 429-66	EXTERIOR	Exterior - Dusk to Dawn	Wall Pack LED 9W A	1	9	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	39	87	-48	25%	0
2351	Lackawanna State Park			Former Park Office 429-66	EXTERIOR	Exterior - Dusk to Dawn	Wall Pack LED 9W A	2	9	4368	Wall Pack LED SEC 2.5 klm PC	2	20	4368	-	0	0.0	0.0	0.0	79	175	-96	25%	0
2352	Lackawanna State Park			Former Park Office 429-66	EXTERIOR	Exterior - Dusk to Dawn	Flood MV 100W	2	128	4368	Flood LED 2.1 klm UNV	2	15	4368	-	0	0.0	0.0	0.0	1,118	131	987	25%	0
2353	Lackawanna State Park			Former Park Office 429-66	EXTERIOR	Exterior - Dusk to Dawn	Flood LED 17W PAR38	1	17	4368	LED 13W PAR38 Replacement	1	13	4368	-	0	0.0	0.0	0.0	74	57	17	25%	0
2354	Lackawanna State Park			Garage - 308	BENCH	Maintenance & Garages	4' Industrial BP 2L 32W T8	3	59	2350	RT, 4' 10.5W DE LED 2L	3	21	2350	-	0	0.2	0.1	0.1	416	148	268	25%	0
2355	Lackawanna State Park			Garage - 308	BAY 1	Maintenance & Garages	4' Industrial BP 2L 32W T8	7	59	2350	RT, 4' 10.5W DE LED 2L	7	21	2350	-	0	0.4	0.1	0.3	971	345	625	25%	0
2356	Lackawanna State Park			Garage - 308	RESTROOM	Maintenance & Garages	Jelly Jar CFL 23W Screw In	1	23	2350	LED 9W A19 Replacement	1	10	2350	-	0	0.0	0.0	0.0	54	22	32	25%	0
2357	Lackawanna State Park			Garage - 308	TOOL STORAGE	Storage Room	Jelly Jar CFL 13W Screw In	2	13	527	LED 9W A19 Replacement	2	10	527	-	0	0.0	0.0	0.0	14	10	4	25%	0
2358	Lackawanna State Park			Garage - 308	TOOL STORAGE	Storage Room	4' Industrial BP 2L 32W T8	1	59	527	RT, 4' 10.5W DE LED 2L	1	21	527	-	0	0.1	0.0	0.0	31	11	20	25%	0
2359	Lackawanna State Park			Garage - 308	LOCKER	Maintenance & Garages	Keyless CFL 13W Screw In	1	13	2350	LED 9W A19 Replacement	1	10	2350	-	0	0.0	0.0	0.0	31	22	8	25%	0
2360	Lackawanna State Park			Garage - 308	LOCKER	Maintenance & Garages	4' Industrial BP 2L 32W T8	1	59	2350	RT, 4' 10.5W DE LED 2L	1	21	2350	-	0	0.1	0.0	0.0	139	49	89	25%	0
2361	Lackawanna State Park			Garage - 308	BREAK	Maintenance & Garages	4' Industrial BP 2L 32W T8	2	59	2350	RT, 4' 10.5W DE LED 2L	2	21	2350	-	0	0.1	0.0	0.1	277	99	179	25%	0
2362	Lackawanna State Park			Garage - 308	WOOD SHOP	Maintenance & Garages	4' Industrial BP 2L 32W T8	6	59	2350	RT, 4' 10.5W DE LED 2L	6	21	2350	-	0	0.4	0.1	0.2	832	296	536	25%	0
2363	Lackawanna State Park			Garage - 308	BAY 2	Maintenance & Garages	4' Industrial BP 2L 32W T8	3	59	2350	RT, 4' 10.5W DE LED 2L	3	21	2350	-	0	0.2	0.1	0.1	416	148	268	25%	0
2364	Lackawanna State Park			Garage - 308	BAY 2	Maintenance & Garages	Keyless CFL 23W Screw In	1	23	2350	LED 9W A19 Replacement	1	10	2350	-	0	0.0	0.0	0.0	54	22	32	25%	0
2365	Lackawanna State Park			Garage - 308	OFFICE	Maintenance & Garages	4' Industrial BP 2L 32W T8	1	59	2350	RT, 4' 10.5W DE LED 2L	1	21	2350	-	0	0.1	0.0	0.0	139	49	89	25%	0
2366	Lackawanna State Park			Garage - 308	PAINT ROOM	Maintenance & Garages	Explosion Proof CFL 23W Screw In	1	23	2350	LED 9W A19 Replacement	1	10	2350	-	0	0.0	0.0	0.0	54	22	32	25%	0
2367	Lackawanna State Park			Garage - 308	EXTERIOR	Exterior - Dusk to Dawn	Flood LED 17W PAR38 2L	2	34	4368	LED 13W PAR38 Replacement 2L	2	26	4368	-	0	0.0	0.0	0.0	297	227	70	25%	0
2368	Lackawanna State Park			Pavilion 2 - 309	Pavilion	Pavilion	Keyless Inc 60W A	9	60	730	LED 9W A19 Replacement	9	10	730	-	0	0.5	0.1	0.5	394	62	332	25%	0
2369	Lackawanna State Park			Pavilion 2 - 309	Pavilion	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2370	Lackawanna State Park			Pavilion 2 - 309	Grill/Concessions	Pavilion	ZX4 Prism Rec 4L	1	144	730	RT, 4' 10.5W DE LED 4L	1	42	730	-	0	0.1	0.0	0.1	105	31	75	25%	0
2371	Lackawanna State Park			Shed 429-68	SHED	Storage Room	Keyless Inc 100W A	10	100	527	LED 9W A19 Replacement	10	10	527	-	0	1.0	0.1	0.9	527	50	477	25%	0
2372	Lackawanna State Park			Shed 429-68	SHED	Storage Room	Wall Pack MH 250W	1	295	527	Wall Pack LED FC 7 klm	1	60	527	-	0	0.3	0.1	0.2	155	32	124	25%	0
2373	Lackawanna State Park			Telephone Building 429-90	TELEPHONE BUILDING	Exterior - Dusk to Dawn	Barnlight LED 55W	1	55	4368	No Action - Existing Efficient/LED Fixture	1	55	4368	-	0	0.0	0.0	0.0	240	240	0	25%	0
2374	Lackawanna State Park			Telephone Building 429-90	TELEPHONE BUILDING	Mechanical/Electrical Room	Jelly Jar CFL 23W Screw In	3	23	520	LED 9W A19 Replacement	3	10	520	-	0	0.1	0.0	0.0	36	15	21	0%	0
2375	Lackawanna State Park			Telephone Building 429-90	TELEPHONE BUILDING	Mechanical/Electrical Room	4' Industrial BP 2L	1	72	520	RT, 4' 10.5W DE LED 2L	1	21	520	-	0	0.1	0.0	0.1	37	11	27	0%	0
2376	Lackawanna State Park			Telephone Building 429-90	TELEPHONE BUILDING	Exterior - Dusk to Dawn	Jelly Jar Empty E26	1	0	4368	LED 9W A19 Replacement	1	10	4368	-	0	0.0	0.0	0.0	0	41	-41	25%	0
2377	Lackawanna State Park			Telephone Building 429-90	TELEPHONE BUILDING	Mechanical/Electrical Room	Jelly Jar CFL 23W Screw In	1	23	520	LED 9W A19 Replacement	1	10	520	-	0	0.0	0.0	0.0	12	5	7	0%	0
2378	Nolde Forest Environmental Center	EXTERIOR	ENVIRONMENTAL EDUCATION CENTER-MANSION	PARKING LOT	PARKING LOT	Exterior - Dusk to Dawn	Area LED 9.8 klm TN	6	190	4368	Area LED 9.8 klm TN	6	70	4368	-	0	0.0	0.0	0.0	4,980	1,835	3,145	25%	0
2379	Nolde Forest Environmental Center	EXTERIOR	ENVIRONMENTAL EDUCATION CENTER-MANSION	PARKING LOT</																				

2421	Nolde Forest Environmental Center		ENVIRONMENTAL EDUCATION CENTER-MANSION	STORAGE	Storage Room	4' Wrap BP 2L	8	72	527	RT, 4' 10.5W DE LED 2L	8	21	527	-	0	0.6	0.2	0.4	304	89	215	25%	0
2422	Nolde Forest Environmental Center		ENVIRONMENTAL EDUCATION CENTER-MANSION	STORAGE	Storage Room	RLM CFL 23W Screw In	1	23	527	LED 9W A19 Replacement	1	10	527	-	0	0.0	0.0	0.0	12	5	7	25%	0
2423	Nolde Forest Environmental Center		ENVIRONMENTAL EDUCATION CENTER-MANSION	STORAGE	Storage Room	4' Wrap BP 2L	1	72	527	RT, 4' 10.5W DE LED 2L	-	0	527	-	0	0.1	0.0	0.1	38	11	27	25%	0
2424	Nolde Forest Environmental Center		ENVIRONMENTAL EDUCATION CENTER-MANSION	STORAGE	Storage Room	4' Wrap BP 2L	2	72	527	RT, 4' 10.5W DE LED 2L	2	21	527	-	0	0.1	0.0	0.1	76	22	54	25%	0
2425	Nolde Forest Environmental Center		ENVIRONMENTAL EDUCATION CENTER-MANSION	MECHANICAL	Mechanical/Electrical Room	RLM CFL 23W Screw In	3	23	520	LED 9W A19 Replacement	3	10	520	-	0	0.1	0.0	0.0	36	15	21	0%	0
2426	Nolde Forest Environmental Center		ENVIRONMENTAL EDUCATION CENTER-MANSION	MECHANICAL	Mechanical/Electrical Room	RLM Inc 60W A	1	60	520	LED 9W A19 Replacement	1	10	520	-	0	0.1	0.0	0.1	31	5	26	0%	0
2427	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	CENTER STAIRCASE	Hallways and Common Areas	Decorative LED 3W C10	6	3	3977	LED 5.5W B11 E12 Replacement	6	6	3977	-	0	0.0	0.0	0.0	72	131	-60	25%	0
2428	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	CENTER STAIRCASE	Hallways and Common Areas	Chandelier Inc 40W C10 E12 6L	1	240	3977	LED 5.5W B11 E12 Replacement 6L	1	33	3977	-	0	0.2	0.0	0.2	954	131	823	25%	0
2429	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	CENTER STAIRCASE	Hallways and Common Areas	Chandelier LED 5W C10 E12 6L	1	30	3977	LED 5.5W B11 E12 Replacement 6L	1	33	3977	-	0	0.0	0.0	0.0	119	131	-12	25%	0
2430	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	WOMENS RESTROOM	Restroom	3' Vanity 1L	1	38	3500	RT, 3' 12W DE LED 1L	1	12	3500	-	0	0.0	0.0	0.0	133	42	91	25%	0
2431	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	WOMENS RESTROOM	Restroom	Canopy LED 9W A 4L	1	36	3500	LED 9W A19 Replacement 4L	1	38	3500	-	0	0.0	0.0	0.0	126	133	-7	25%	0
2432	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	OPEN HALLWAY	Hallways and Common Areas	6" Rec Can LED 15W	17	15	3977	No Action - Existing Efficient/LED Fixture	17	15	3977	-	0	0.3	0.3	0.0	1,014	1,014	0	25%	0
2433	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	OPEN HALLWAY	Hallways and Common Areas	Track Head Hal 35W MR16	8	45	3977	LED 6W MR16 Replacement	8	6	3977	-	0	0.4	0.0	0.3	1,432	191	1,241	25%	0
2434	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	OPEN HALLWAY	Hallways and Common Areas	2x2 Prism Sur 2L U6	3	72	3977	RT, 2' 7W DE LED 2L, 2x2 Refl Kit	3	14	3977	-	0	0.2	0.0	0.2	859	167	692	25%	0
2435	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	OPEN HALLWAY	Hallways and Common Areas	Rec Sq. LED 15W PAR30	2	15	3977	LED 9W A19 Replacement	2	10	3977	-	0	0.0	0.0	0.0	119	76	44	25%	0
2436	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	MENS RESTROOM	Restroom	Canopy LED 9W A 4L	1	36	3500	LED 9W A19 Replacement 4L	1	38	3500	-	0	0.0	0.0	0.0	126	133	-7	25%	0
2437	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	MENS RESTROOM	Restroom	3' Vanity 1L	1	38	3500	RT, 3' 12W DE LED 1L	1	12	3500	-	0	0.0	0.0	0.0	133	42	91	25%	0
2438	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	LIBRARY	Open Office	6" Rec Can LED 15W	6	15	3500	No Action - Existing Efficient/LED Fixture	6	15	3500	-	0	0.1	0.1	0.0	315	315	0	25%	0
2439	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	LIBRARY	Open Office	Track Head Hal 35W MR16	10	45	3500	LED 6W MR16 Replacement	10	6	3500	-	0	0.5	0.1	0.4	1,575	210	1,365	25%	0
2440	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	LIBRARY CLOSET	Storage Room	Drum CFL 13W Screw In	1	13	527	LED 9W A19 Replacement	1	10	527	-	0	0.0	0.0	0.0	7	5	2	25%	0
2441	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	BREAK ROOM	Break Room	6" Rec Can LED 15W	3	15	1230	No Action - Existing Efficient/LED Fixture	3	15	1230	-	0	0.0	0.0	0.0	55	55	0	25%	0
2442	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	BREAK ROOM	Break Room	Rec Sq. LED 9W A	1	9	1230	LED 9W A19 Replacement	1	10	1230	-	0	0.0	0.0	0.0	11	12	-1	25%	0
2443	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	OFFICE	Open Office	Rec Sq. Inc 60W A	9	60	3500	LED 9W A19 Replacement	9	10	3500	-	0	0.5	0.1	0.5	1,890	299	1,591	25%	0
2444	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	OFFICE	Open Office	2x2 Prism Sur 2L U6	4	72	3500	RT, 2' 7W DE LED 2L, 2x2 Refl Kit	4	14	3500	-	0	0.3	0.1	0.2	1,008	196	812	25%	0
2445	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	OFFICE	Open Office	Rec Sq. Inc 60W A	6	60	3500	LED 9W A19 Replacement	6	10	3500	-	0	0.4	0.1	0.3	1,260	200	1,061	25%	0
2446	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	OFFICE	Open Office	2x2 Prism Sur 2L U6	4	72	3500	RT, 2' 7W DE LED 2L, 2x2 Refl Kit	4	14	3500	-	0	0.3	0.1	0.2	1,008	196	812	25%	0
2447	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	ATTIC/STORAGE	Storage Room	RLM LED 9W A	3	9	527	LED 9W A19 Replacement	3	10	527	-	0	0.0	0.0	0.0	14	15	-1	25%	0
2448	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	ATTIC/STORAGE	Storage Room	RLM Inc 60W A	1	60	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	32	5	27	25%	0
2449	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	STAIR	Hallways and Common Areas	Drum CFL 13W Screw In 2L	7	26	3977	LED 9W A19 Replacement 2L	7	19	3977	-	0	0.2	0.1	0.0	724	529	195	25%	0
2450	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	STAIR	Hallways and Common Areas	Drum CFL 13W Screw In	4	13	3977	LED 9W A19 Replacement	4	10	3977	-	0	0.1	0.0	0.0	207	151	56	25%	0
2451	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	HALLWAY	Hallways and Common Areas	Rec Sq. LED 15W PAR30	5	15	3977	LED 9W A19 Replacement	5	10	3977	-	0	0.1	0.0	0.0	298	189	109	25%	0
2452	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	HALLWAY	Hallways and Common Areas	Rec Sq. LED 15W PAR30	7	15	3977	LED 9W A19 Replacement	7	10	3977	-	0	0.1	0.1	0.0	418	264	153	25%	0
2453	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	OFFICE	Private Office	Rec Sq. CFL 23W Screw In	5	23	2500	LED 9W A19 Replacement	5	10	2500	-	0	0.1	0.0	0.1	288	119	169	25%	0
2454	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	OFFICE	Private Office	2x2 Prism Sur 2L U6	4	72	2500	RT, 2' 7W DE LED 2L, 2x2 Refl Kit	4	14	2500	-	0	0.3	0.1	0.2	720	140	580	25%	0
2455	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	OFFICE	Private Office	Rec Sq. LED 9W A	5	9	2500	LED 9W A19 Replacement	5	10	2500	-	0	0.0	0.0	0.0	113	119	-6	25%	0
2456	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	OFFICE	Private Office	2x2 Prism Sur 2L U6	4	72	2500	RT, 2' 7W DE LED 2L, 2x2 Refl Kit	4	14	2500	-	0	0.3	0.1	0.2	720	140	580	25%	0
2457	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	OFFICE	Private Office	Rec Sq. Inc 60W A	3	60	2500	LED 9W A19 Replacement	3	10	2500	-	0	0.2	0.0	0.2	450	71	379	25%	0
2458	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	OFFICE	Private Office	Rec Sq. LED 9W A	2	9	2500	LED 9W A19 Replacement	2	10	2500	-	0	0.0	0.0	0.0	45	48	-3	25%	0
2459	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	OFFICE	Private Office	2x2 Prism Sur 2L U6	4	72	2500	RT, 2' 7W DE LED 2L, 2x2 Refl Kit	4	14	2500	-	0	0.3	0.1	0.2	720	140	580	25%	0
2460	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	GRAPHICS OFFICE	Open Office	Rec Sq. LED 9W A	1	9	3500	LED 9W A19 Replacement	1	10	3500	-	0	0.0	0.0	0.0	32	33	-2	25%	0
2461	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	GRAPHICS OFFICE	Open Office	4' Strip BP 2L	32	72	3500	RT, 4' 10.5W DE LED 2L	32	21	3500	-	0	2.3	0.7	1.6	8,064	2,352	5,712	25%	0
2462	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	GRAPHICS OFFICE	Open Office	4' Strip BP 2L	6	72	3500	RT, 4' 10.5W DE LED 2L	6	21	3500	-	0	0.4	0.1	0.3	1,512	441	1,071	25%	0
2463	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	GRAPHICS OFFICE	Open Office	4' Vanity BP 2L	2	72	3500	RT, 4' 10.5W DE LED 2L	2	21	3500	-	0	0.1	0.0	0.1	504	147	357	25%	0
2464	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	GRAPHICS OFFICE	Open Office	4' Wrap BP 2L	3	72	3500	RT, 4' 10.5W DE LED 2L	3	21	3500	-	0	0.2	0.1	0.2	756	221	536	25%	0
2465	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	GRAPHICS OFFICE	Open Office	RLM CFL 23W Screw In	1	23	3500	LED 9W A19 Replacement	1	10	3500	-	0	0.0	0.0	0.0	81	33	47	25%	0
2466	Nolde Forest Environmental Center	2	ENVIRONMENTAL EDUCATION CENTER-MANSION	GRAPHICS OFFICE	Open Office	RLM LED 9W A	1	9	3500	LED 9W A19 Replacement	1	10	3500	-	0	0.0	0.0	0.0	32	33	-2	25%	0
2467	Nolde Forest Environmental Center	EXTERIOR	MAINTENANCE BUILDING	MAINTENANCE BUILDING	Exterior - Dusk to Dawn	Wall Pack MH 150W	6	190	4368	Wall Pack LED FC 5 klm	6	40	4368	-	0	0.0	0.0	0.0	4,980	1,048	3,931	25%	0
2468	Nolde Forest Environmental Center		MAINTENANCE BUILDING	END BAY	Maintenance & Garages	4' Wrap BP 2L	9	72	2350	RT, 4' 10.5W DE LED 2L	9	21	2350	-	0	0.6	0.2	0.5	1,523	444	1,079	25%	0
2469	Nolde Forest Environmental Center		MAINTENANCE BUILDING	CENTER BAY	Maintenance & Garages	4' Wrap BP 2L	9	72	2350	RT, 4' 10.5W DE LED 2L	9	21	2350	-	0	0.6	0.2	0.5	1,523	444	1,079	25%	0
2470	Nolde Forest Environmental Center		MAINTENANCE BUILDING	OFFICE/MECHANICAL	Maintenance & Garages	4' Wrap BP 2L	2	72	2350	RT, 4' 10.5W DE LED 2L	2	21	2350	-	0	0.1	0.0	0.1	338	99	240	25%	0
2471	Nolde Forest Environmental Center		MAINTENANCE BUILDING	WOOD SHOP	Maintenance & Garages	4' Wrap BP 2L	11	72	2350	RT, 4' 10.5W DE LED 2L	11	21	2350	-	0	0.8	0.2	0.6	1,861	543	1,318	25%	0
2472	Nolde Forest Environmental Center		MAINTENANCE BUILDING	WOOD SHOP	Maintenance & Garages	4' Industrial BP 2L	2	72	2350	RT, 4' 10.5W DE LED 2L	2	21	2350	-	0	0.1	0.0	0.1	338	99	240	25%	0
2473	Nolde Forest Environmental Center		MAINTENANCE BUILDING	STORAGE	Storage Room	1x4 Prism Rec 2L	2	72	527	RT, 4' 10.5W DE LED 2L	2	21	527	-	0	0.1	0.0	0.1	76	22	54	25%	0
2474	Nolde Forest Environmental Center		MAINTENANCE BUILDING	OFFICE	Maintenance & Garages	1x4 Prism Rec 2L	2	72	2350	RT, 4' 10.5W DE LED 2L	2	21	2350	-	0	0.1	0.0	0.1	338	99	240	25%	0
2475	Nolde Forest Environmental Center		MAINTENANCE BUILDING	STORAGE	Storage Room	Explosion Proof Inc 60W A	3	60	527	LED 9W A19 Replacement	3	10	527	-	0	0.2	0.0	0.2	95	15	80	25%	0
2476	Nolde Forest Environmental Center	EXTERIOR	MANSION	MANSION	Exterior - Dusk to Dawn	Barnlight MH 100W	1	128	4368	Barnlight LED 4 klM PC	1	36	4368	-	0	0.0	0.0	0.0	559	157	402	25%	0
2477	Nolde Forest Environmental Center	EXTERIOR	MANSION	MANSION	Exterior - Dusk to Dawn	Chandelier CFL 23W Screw In	4	23	4368	LED 9W A19 Replacement	4	10	4368	-	0	0.0	0.0	0.0	402	166	236	25%	0
2478	Nolde Forest Environmental Center	EXTERIOR	MANSION	MANSION	Exterior - Dusk to Dawn	Rec Sq. CFL 23W Screw In	5	23	4368	LED 9W A19 Replacement	5	10	4368	-	0	0.0	0.0	0.0	502	207	295	25%	0
2479	Nolde Forest Environmental Center	EXTERIOR	MANSION	MANSION	Exterior - Dusk to Dawn	Canopy CFL 23W Screw In 2L	3	46	4368	LED 9W A19 Replacement 2L	3	19	4368	-	0	0.0	0.0	0.0	603	249	354	25%	0
2480	Nolde Forest Environmental Center	EXTERIOR	MANSION	MANSION	Exterior - Dusk to Dawn	Flood Hal 65 PAR30 2L	1	130	4368	LED 13W PAR38 Replacement 2L	1	26	4368	-	0	0.0	0.0	0.0	568	114	454	25%	0
2481	Nolde Forest Environmental Center		MCCONNELL CLASSROOM BUILDING																				



2522	Nolde Forest Environmental Center		Residence / Forester's House	BASEMENT	Residential	2' Undercabinet 1L	3	26	1000	RT, 2' 7W DE LED 1L	3	7	1000	-	0	0.1	0.0	0.1	78	21	57	25%	0
2523	Nolde Forest Environmental Center		Residence Garage	GARAGE	Residential	Keyless LED 9W A	4	9	1000	LED 9W A19 Replacement	4	10	1000	-	0	0.0	0.0	0.0	36	38	-2	25%	0
2524	Nolde Forest Environmental Center		Residence Garage	GARAGE	Residential	Flood LED 17W PAR38 2L	2	34	1000	LED 13W PAR38 Replacement 2L	2	26	1000	-	0	0.1	0.1	0.0	68	52	16	25%	0
2525	Nolde Forest Environmental Center		Residence / Forester's House	EXTERIOR	Residential	Lantern Inc 60W A	1	60	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.1	0.0	0.1	60	10	51	25%	0
2526	Nolde Forest Environmental Center		Residence / Forester's House	EXTERIOR	Residential	Lantern LED 9W A	2	9	1000	LED 9W A19 Replacement	2	10	1000	-	0	0.0	0.0	0.0	18	19	-1	25%	0
2527	Nolde Forest Environmental Center		Residence / Forester's House	EXTERIOR	Residential	Wall Pack LED 9W A	1	9	1000	Wall Pack LED SEC 2.5 klm PC	1	20	1000	-	0	0.0	0.0	0.0	9	20	-11	25%	0
2528	Nolde Forest Environmental Center		Residence / Forester's House	EXTERIOR	Residential	6" Rec Can CFL 13W Screw In	2	13	1000	LED 9W A19 Replacement	2	10	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
2529	Promised Land State Park	EXTERIOR	MAIN PARK OFFICE FRONT PORCH	MAIN PARK OFFICE FRONT PORCH	Exterior - Dusk to Dawn	Lantern Inc 60W A	8	60	4368	LED 9W A19 Replacement	8	10	4368	-	0	0.0	0.0	0.0	2,097	332	1,765	25%	0
2530	Promised Land State Park		MAIN PARK OFFICE	MENS RESTROOM	Restroom	Rec Sq. LED 9W A	1	9	2625	LED 9W A19 Replacement	1	10	2625	-	0	0.0	0.0	0.0	24	25	-1	25%	0
2531	Promised Land State Park		MAIN PARK OFFICE	WOMENS RESTROOM	Restroom	Rec Sq. Inc 60W A	1	60	2625	LED 9W A19 Replacement	1	10	2625	-	0	0.1	0.0	0.1	158	25	133	25%	0
2532	Promised Land State Park		MAIN PARK OFFICE	VESTIBULE	Vestibule	4' Wrap BP 2L 32W T8	2	59	3977	RT, 4' 10.5W DE LED 2L	2	21	3977	-	0	0.1	0.0	0.1	469	167	302	0%	0
2533	Promised Land State Park		MAIN PARK OFFICE	LOBBY	Hallways and Common Areas	Track Head CFL 23W Screw In	7	23	3977	LED 10W PAR30 Replacement	7	10	3977	-	0	0.2	0.1	0.1	640	278	362	25%	0
2534	Promised Land State Park		MAIN PARK OFFICE	LOBBY	Hallways and Common Areas	Ceiling Fan Inc 60W A	1	60	3977	LED 9W A19 Replacement	1	10	3977	-	0	0.1	0.0	0.1	239	38	201	25%	0
2535	Promised Land State Park		MAIN PARK OFFICE	LOBBY	Exit Signs/Night Lights	Exit Combo Inc 15W 2L	1	30	8760	Exit Sign LED Combo BB	1	4	8760	-	0	0.0	0.0	0.0	263	35	228	0%	0
2536	Promised Land State Park		MAIN PARK OFFICE	DESK	Open Office	Track Head CFL 23W Screw In	1	23	3500	LED 10W PAR30 Replacement	1	10	3500	-	0	0.0	0.0	0.0	81	35	46	25%	0
2537	Promised Land State Park		MAIN PARK OFFICE	HALLWAY	Hallways and Common Areas	4' Wrap BP 2L 32W T8	5	59	3977	RT, 4' 10.5W DE LED 2L	5	21	3977	-	0	0.3	0.1	0.2	1,173	418	756	25%	0
2538	Promised Land State Park		MAIN PARK OFFICE	HALLWAY	Exit Signs/Night Lights	Exit Combo Inc 15W 2L	3	30	8760	Exit Sign LED Combo BB	3	4	8760	-	0	0.1	0.0	0.1	788	105	683	0%	0
2539	Promised Land State Park		MAIN PARK OFFICE	HALLWAY	Hallways and Common Areas	2X4 PSQ Rec 4L 32W T8	3	112	3977	RT, 4' 10.5W DE LED 4L	3	42	3977	-	0	0.3	0.1	0.2	1,336	501	835	25%	0
2540	Promised Land State Park		MAIN PARK OFFICE	CONFERENCE	Conference Room	Track Head CFL 23W Screw In	10	23	2500	LED 10W PAR30 Replacement	10	10	2500	-	0	0.2	0.1	0.1	575	250	325	0%	0
2541	Promised Land State Park		MAIN PARK OFFICE	CONFERENCE	Conference Room	Ceiling Fan CFL 13W Screw In 3L	3	39	2500	LED 9W A19 Replacement 3L	3	29	2500	-	0	0.1	0.1	0.0	293	214	79	0%	0
2542	Promised Land State Park		MAIN PARK OFFICE	CONFERENCE	Exit Signs/Night Lights	Exit Combo Inc 15W 2L	1	30	8760	Exit Sign LED Combo BB	1	4	8760	-	0	0.0	0.0	0.0	263	35	228	0%	0
2543	Promised Land State Park		MAIN PARK OFFICE	SIDE VESTIBULE	Vestibule	Rec Sq. Inc 60W A	1	60	3977	LED 9W A19 Replacement	1	10	3977	-	0	0.1	0.0	0.1	239	38	201	0%	0
2544	Promised Land State Park		MAIN PARK OFFICE	OFFICE	Private Office	4' Wrap BP 2L 32W T8	4	59	2500	RT, 4' 10.5W DE LED 2L	4	21	2500	-	0	0.2	0.1	0.2	590	210	380	25%	0
2545	Promised Land State Park		MAIN PARK OFFICE	OFFICE	Private Office	4' Wrap BP 2L 32W T8	4	59	2500	RT, 4' 10.5W DE LED 2L	4	21	2500	-	0	0.2	0.1	0.2	590	210	380	25%	0
2546	Promised Land State Park		MAIN PARK OFFICE	OFFICE	Private Office	4' Wrap BP 2L 32W T8	4	59	2500	RT, 4' 10.5W DE LED 2L	4	21	2500	-	0	0.2	0.1	0.2	590	210	380	25%	0
2547	Promised Land State Park		MAIN PARK OFFICE	WORK ROOM	Open Office	4' Wrap BP 2L 32W T8	6	59	3500	RT, 4' 10.5W DE LED 2L	6	21	3500	-	0	0.4	0.1	0.2	1,239	441	798	25%	0
2548	Promised Land State Park		MAIN PARK OFFICE	MECHANICAL	Mechanical/Electrical Room	Keyless LED 9W A	1	9	520	LED 9W A19 Replacement	1	10	520	-	0	0.0	0.0	0.0	5	5	0	0%	0
2549	Promised Land State Park		MAIN PARK OFFICE	MECHANICAL	Mechanical/Electrical Room	Keyless CFL 13W Screw In	1	13	520	LED 9W A19 Replacement	1	10	520	-	0	0.0	0.0	0.0	7	5	2	0%	0
2550	Promised Land State Park		MAIN PARK OFFICE	MENS RESTROOM	Restroom	Keyless LED 9W A	1	9	3500	LED 9W A19 Replacement	1	10	3500	-	0	0.0	0.0	0.0	32	33	-2	25%	0
2551	Promised Land State Park		MAIN PARK OFFICE	WOMENS RESTROOM	Restroom	Keyless Inc 60W A	1	60	3500	LED 9W A19 Replacement	1	10	3500	-	0	0.1	0.0	0.1	210	33	177	25%	0
2552	Promised Land State Park		MAIN PARK OFFICE	STORAGE	Storage Room	2X4 PSQ Rec 4L 32W T8	1	112	527	RT, 4' 10.5W DE LED 4L	1	42	527	-	0	0.1	0.0	0.1	59	22	37	25%	0
2553	Promised Land State Park		MAIN PARK OFFICE	BREAK ROOM	Break Room	2X4 Prism Rec 4L 32W T8 Delamated to 2L	2	59	1230	RT, 4' 10.5W DE LED 2L	2	21	1230	-	0	0.1	0.0	0.1	145	52	94	25%	0
2554	Promised Land State Park		MAIN PARK OFFICE	BREAK ROOM	Exit Signs/Night Lights	Exit Sign Inc	1	30	8760	Exit Sign LED BB	1	3	8760	-	0	0.0	0.0	0.0	263	26	237	0%	0
2555	Promised Land State Park		MAIN PARK OFFICE	OFFICE	Private Office	4' Wrap BP 2L 32W T8	2	59	2500	RT, 4' 10.5W DE LED 2L	2	21	2500	-	0	0.1	0.0	0.1	295	105	190	25%	0
2556	Promised Land State Park		MAIN PARK OFFICE	OFFICE	Private Office	4' Wrap BP 2L 32W T8	1	59	2500	RT, 4' 10.5W DE LED 2L	1	21	2500	-	0	0.1	0.0	0.1	148	53	95	25%	0
2557	Promised Land State Park		MAIN PARK OFFICE	OFFICE	Private Office	4' Wrap BP 2L 32W T8	2	59	2500	RT, 4' 10.5W DE LED 2L	2	21	2500	-	0	0.1	0.0	0.1	295	105	190	25%	0
2558	Promised Land State Park	EXTERIOR	MAIN PARK OFFICE	LEFT	Exterior - Dusk to Dawn	Flood Hal 65W PAR38 2L	1	130	4368	LED 13W PAR38 Replacement 2L	1	26	4368	-	0	0.0	0.0	0.0	568	114	454	25%	0
2559	Promised Land State Park	EXTERIOR	PARK MAINTENANCE	PARK MAINTENANCE	Exterior - Dusk to Dawn	Jelly Jar CFL 13W Screw In	1	13	4368	LED 9W A19 Replacement	1	10	4368	-	0	0.0	0.0	0.0	57	41	15	25%	0
2560	Promised Land State Park	EXTERIOR	PARK MAINTENANCE	PARK MAINTENANCE	Exterior - Dusk to Dawn	Wall Pack Inc 100W A	1	100	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	437	87	349	25%	0
2561	Promised Land State Park		PARK MAINTENANCE	HALLWAY	Maintenance & Garages	4' Wrap BP 2L 32W T8	7	59	2350	RT, 4' 10.5W DE LED 2L	7	21	2350	-	0	0.4	0.1	0.3	971	345	625	25%	0
2562	Promised Land State Park		PARK MAINTENANCE	BREAK ROOM	Maintenance & Garages	4' Wrap BP 2L 32W T8	6	59	2350	RT, 4' 10.5W DE LED 2L	6	21	2350	-	0	0.4	0.1	0.2	832	296	536	25%	0
2563	Promised Land State Park		PARK MAINTENANCE	OFFICE	Maintenance & Garages	4' Wrap BP 4L 32W T8	3	112	2350	RT, 4' 10.5W DE LED 4L	3	42	2350	-	0	0.3	0.1	0.2	790	296	493	25%	0
2564	Promised Land State Park		PARK MAINTENANCE	RESTROOM	Restroom	4' Wrap BP 2L 32W T8	2	59	3500	RT, 4' 10.5W DE LED 2L	2	21	3500	-	0	0.1	0.0	0.1	413	147	266	25%	0
2565	Promised Land State Park		PARK MAINTENANCE	LOCKER ROOM	Maintenance & Garages	4' Wrap BP 4L 32W T8	1	112	2350	RT, 4' 10.5W DE LED 4L	1	42	2350	-	0	0.1	0.0	0.1	263	99	164	25%	0
2566	Promised Land State Park		PARK MAINTENANCE	LOCKER ROOM	Maintenance & Garages	4' Wrap BP 4L 32W T8	1	112	2350	RT, 4' 10.5W DE LED 4L	1	42	2350	-	0	0.1	0.0	0.1	263	99	164	25%	0
2567	Promised Land State Park		PARK MAINTENANCE	SHOP	Maintenance & Garages	4' Industrial BP 2L 32W T8	10	59	2350	RT, 4' 10.5W DE LED 2L	10	21	2350	-	0	0.6	0.2	0.4	1,386	493	893	25%	0
2568	Promised Land State Park		PARK MAINTENANCE	SHOP	Maintenance & Garages	4' Industrial BP 2L 32W T8	6	59	2350	RT, 4' 10.5W DE LED 2L	6	21	2350	-	0	0.4	0.1	0.2	832	296	536	25%	0
2569	Promised Land State Park		PARK MAINTENANCE	SHOP RESTROOM	Restroom	RLM LED 9W A	1	9	3500	LED 9W A19 Replacement	1	10	3500	-	0	0.0	0.0	0.0	32	33	-2	25%	0
2570	Promised Land State Park		PARK MAINTENANCE	MECHANICAL	Maintenance & Garages	RLM Inc 100W A	4	100	2350	LED 9W A19 Replacement	4	10	2350	-	0	0.4	0.0	0.4	940	89	851	25%	0
2571	Promised Land State Park		PARK MAINTENANCE	STORAGE	Storage Room	4' Industrial BP 2L	5	72	527	RT, 4' 10.5W DE LED 2L	5	21	527	-	0	0.4	0.1	0.3	190	55	134	25%	0
2572	Promised Land State Park		PARK MAINTENANCE	WOOD SHOP	Maintenance & Garages	4' Wrap BP 4L 32W T8	4	112	2350	RT, 4' 10.5W DE LED 4L	4	42	2350	-	0	0.4	0.2	0.3	1,053	395	658	25%	0
2573	Promised Land State Park		PARK MAINTENANCE	WOOD SHOP	Maintenance & Garages	RLM CFL 23W Screw In	2	23	2350	LED 9W A19 Replacement	2	10	2350	-	0	0.0	0.0	0.0	108	45	63	25%	0
2574	Promised Land State Park		PARK MAINTENANCE	VEHICLE BAY	Maintenance & Garages	4' Wrap BP 4L 32W T8	3	112	2350	RT, 4' 10.5W DE LED 4L	3	42	2350	-	0	0.3	0.1	0.2	790	296	493	25%	0
2575	Promised Land State Park		PARK MAINTENANCE	VEHICLE BAY	Maintenance & Garages	RLM CFL 23W Screw In	2	23	2350	LED 9W A19 Replacement	2	10	2350	-	0	0.0	0.0	0.0	108	45	63	25%	0
2576	Promised Land State Park		PARK MAINTENANCE	RANGERS OFFICE	Maintenance & Garages	4' Wrap BP 2L 32W T8	9	59	2350	RT, 4' 10.5W DE LED 2L	9	21	2350	-	0	0.5	0.2	0.3	1,248	444	804	25%	0
2577	Promised Land State Park		PARK MAINTENANCE	RANGERS OFFICE LOCKER	Maintenance & Garages	4' Wrap BP 2L 32W T8	1	59	2350	RT, 4' 10.5W DE LED 2L	1	21	2350	-	0	0.1	0.0	0.0	139	49	89	25%	0
2578	Promised Land State Park		PARK MAINTENANCE	RANGERS OFFICE BREAK ROOM	Maintenance & Garages	4' Wrap BP 2L 32W T8	1	59	2350	RT, 4' 10.5W DE LED 2L	1	21	2350	-	0	0.1	0.0	0.0	139	49	89	25%	0
2579	Promised Land State Park		MAINTENANCE POLE SHED	SHOP	Maintenance & Garages	4' Wrap BP 4L 32W T8	7	112	2350	RT, 4' 10.5W DE LED 4L	7	42	2350	-	0	0.8	0.3	0.5	1,842	691	1,151	25%	0
2580	Promised Land State Park		MAINTENANCE POLE SHED	BENCH	Maintenance & Garages	2X4 Prism Rec 4L 32W T8	2	112	2350	RT, 4' 10.5W DE LED 4L	2	42	2350	-	0	0.2	0.1	0.1	526	197	329	25%	0
2581	Promised Land State Park		MAINTENANCE POLE SHED	STORAGE BAY	Maintenance & Garages	Keyless LED 15W A	9	15	2350	LED 9W A19 Replacement	9	10	2350	-	0	0.1	0.1	0.0	317	201	116	25%	0
2582	Promised Land State Park	EXTERIOR	MAINTENANCE POLE SHED	MAINTENANCE POLE SHED	Exterior - Dusk to Dawn	Wall Pack LED 14W	2	14	4368	No Action - Existing Efficient/LED Fixture	2	14	4368	-	0	0.0	0.0	0.0	122	122	0	25%	

2623	Promised Land State Park		PICKEREL POINT WASH HOUSE 1	MENS RESTROOM	Restroom	6" Rec Can CFL 26W 4P	7	27	3500	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	7	9	3500	-	0	0.2	0.1	0.1	662	221	441	25%	0
2624	Promised Land State Park		PICKEREL POINT WASH HOUSE 1	MENS RESTROOM	Restroom	6" Strip 4L T8	3	87	3500	RT, 3' 12W DE LED 4L	3	48	3500	-	0	0.3	0.1	0.1	914	504	410	25%	0
2625	Promised Land State Park		PICKEREL POINT WASH HOUSE 1	MENS RESTROOM	Restroom	4' Strip BP 2L 32W T8	1	59	3500	RT, 4' 10.5W DE LED 2L	-	-	3500	-	0	0.1	0.0	0.0	207	74	133	25%	0
2626	Promised Land State Park		PICKEREL POINT WASH HOUSE 1	MENS RESTROOM	Emergency Only	Emergency Fixture	2	0	0	No Action - Emergency Use Only	2	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2627	Promised Land State Park		PICKEREL POINT WASH HOUSE 1	WOMENS RESTROOM	Restroom	6" Rec Can CFL 26W 4P	1	27	3500	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	1	9	3500	-	0	0.0	0.0	0.0	95	32	63	25%	0
2628	Promised Land State Park		PICKEREL POINT WASH HOUSE 1	WOMENS RESTROOM	Restroom	6" Rec Can CFL 26W 4P	3	27	2625	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	3	9	2625	-	0	0.1	0.0	0.1	213	71	142	25%	0
2629	Promised Land State Park		PICKEREL POINT WASH HOUSE 1	WOMENS RESTROOM	Restroom	6" Rec Can CFL 26W 4P	7	27	3500	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	7	9	3500	-	0	0.2	0.1	0.1	662	221	441	25%	0
2630	Promised Land State Park		PICKEREL POINT WASH HOUSE 1	WOMENS RESTROOM	Restroom	6" Strip 4L T8	3	87	3500	RT, 3' 12W DE LED 4L	3	48	3500	-	0	0.3	0.1	0.1	914	504	410	25%	0
2631	Promised Land State Park		PICKEREL POINT WASH HOUSE 1	WOMENS RESTROOM	Restroom	4' Strip BP 2L 32W T8	1	59	3500	RT, 4' 10.5W DE LED 2L	1	21	3500	-	0	0.1	0.0	0.0	207	74	133	25%	0
2632	Promised Land State Park		PICKEREL POINT WASH HOUSE 1	WOMENS RESTROOM	Emergency Only	Emergency Fixture	2	0	0	No Action - Emergency Use Only	2	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2633	Promised Land State Park		PICKEREL POINT WASH HOUSE 1	FAMILY RESTROOM	Restroom	6" Rec Can CFL 26W 4P	1	27	2625	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	1	9	2625	-	0	0.0	0.0	0.0	71	24	47	25%	0
2634	Promised Land State Park		PICKEREL POINT WASH HOUSE 1	FAMILY RESTROOM	Restroom	6" Strip 4L T8	1	87	2625	RT, 3' 12W DE LED 4L	1	48	2625	-	0	0.1	0.0	0.0	228	126	102	25%	0
2635	Promised Land State Park		PICKEREL POINT WASH HOUSE 1	FAMILY RESTROOM	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2636	Promised Land State Park		PICKEREL POINT WASH HOUSE 1	LAUNDRY	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 26W 4P	2	27	4410	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	2	9	4410	-	0	0.1	0.0	0.0	238	79	159	0%	0
2637	Promised Land State Park		PICKEREL POINT WASH HOUSE 1	LAUNDRY	Comfort Stations & Secluded Restrooms	4' Vaportight BP 2L 32W T8	2	59	4410	RT, 4' 10.5W DE LED 2L	2	21	4410	-	0	0.1	0.0	0.1	520	185	335	0%	0
2638	Promised Land State Park	EXTERIOR	PICKEREL POINT WASH HOUSE 3	PICKEREL POINT WASH HOUSE 3	Exterior - Dusk to Dawn	Wall Pack MH 100W	1	128	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	559	87	472	25%	0
2639	Promised Land State Park	EXTERIOR	PICKEREL POINT WASH HOUSE 3	PICKEREL POINT WASH HOUSE 3	Exterior - Dusk to Dawn	Wall Pack Inc 150W A	1	150	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	655	87	568	25%	0
2640	Promised Land State Park		PICKEREL POINT WASH HOUSE 3	MENS RESTROOM	Restroom	6" Rec Can CFL 26W 4P	1	27	3500	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	1	9	3500	-	0	0.0	0.0	0.0	95	32	63	25%	0
2641	Promised Land State Park		PICKEREL POINT WASH HOUSE 3	MENS RESTROOM	Restroom	6" Rec Can CFL 26W 4P	3	27	2625	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	3	9	2625	-	0	0.1	0.0	0.1	213	71	142	25%	0
2642	Promised Land State Park		PICKEREL POINT WASH HOUSE 3	MENS RESTROOM	Restroom	6" Rec Can CFL 26W 4P	7	27	3500	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	7	9	3500	-	0	0.2	0.1	0.1	662	221	441	25%	0
2643	Promised Land State Park		PICKEREL POINT WASH HOUSE 3	MENS RESTROOM	Restroom	6" Strip 4L T8	3	87	3500	RT, 3' 12W DE LED 4L	3	48	3500	-	0	0.3	0.1	0.1	914	504	410	25%	0
2644	Promised Land State Park		PICKEREL POINT WASH HOUSE 3	MENS RESTROOM	Restroom	4' Strip BP 2L 32W T8	1	59	3500	RT, 4' 10.5W DE LED 2L	1	21	3500	-	0	0.1	0.0	0.0	207	74	133	25%	0
2645	Promised Land State Park		PICKEREL POINT WASH HOUSE 3	MENS RESTROOM	Emergency Only	Emergency Fixture	2	0	0	No Action - Emergency Use Only	2	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2646	Promised Land State Park		PICKEREL POINT WASH HOUSE 3	WOMENS RESTROOM	Restroom	6" Rec Can CFL 26W 4P	1	27	3500	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	1	9	3500	-	0	0.0	0.0	0.0	95	32	63	25%	0
2647	Promised Land State Park		PICKEREL POINT WASH HOUSE 3	WOMENS RESTROOM	Restroom	6" Rec Can CFL 26W 4P	3	27	2625	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	3	9	2625	-	0	0.1	0.0	0.1	213	71	142	25%	0
2648	Promised Land State Park		PICKEREL POINT WASH HOUSE 3	WOMENS RESTROOM	Restroom	6" Rec Can CFL 26W 4P	7	27	3500	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	7	9	3500	-	0	0.2	0.1	0.1	662	221	441	25%	0
2649	Promised Land State Park		PICKEREL POINT WASH HOUSE 3	WOMENS RESTROOM	Restroom	6" Strip 4L T8	3	87	3500	RT, 3' 12W DE LED 4L	3	48	3500	-	0	0.3	0.1	0.1	914	504	410	25%	0
2650	Promised Land State Park		PICKEREL POINT WASH HOUSE 3	WOMENS RESTROOM	Restroom	4' Strip BP 2L 32W T8	1	59	3500	RT, 4' 10.5W DE LED 2L	1	21	3500	-	0	0.1	0.0	0.0	207	74	133	25%	0
2651	Promised Land State Park		PICKEREL POINT WASH HOUSE 3	WOMENS RESTROOM	Emergency Only	Emergency Fixture	2	0	0	No Action - Emergency Use Only	2	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2652	Promised Land State Park		PICKEREL POINT WASH HOUSE 3	FAMILY RESTROOM	Restroom	6" Rec Can CFL 26W 4P	1	27	2625	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	1	9	2625	-	0	0.0	0.0	0.0	71	24	47	25%	0
2653	Promised Land State Park		PICKEREL POINT WASH HOUSE 3	FAMILY RESTROOM	Restroom	6" Strip 4L T8	1	87	2625	RT, 3' 12W DE LED 4L	1	48	2625	-	0	0.1	0.0	0.0	228	126	102	25%	0
2654	Promised Land State Park		PICKEREL POINT WASH HOUSE 3	FAMILY RESTROOM	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2655	Promised Land State Park		PICKEREL POINT WASH HOUSE 3	LAUNDRY	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 26W 4P	2	27	4410	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	2	9	4410	-	0	0.1	0.0	0.0	238	79	159	0%	0
2656	Promised Land State Park		PICKEREL POINT WASH HOUSE 3	LAUNDRY	Comfort Stations & Secluded Restrooms	4' Vaportight BP 2L 32W T8	2	59	4410	RT, 4' 10.5W DE LED 2L	2	21	4410	-	0	0.1	0.0	0.1	520	185	335	0%	0
2657	Promised Land State Park		COTTAGE 1	INTERIOR	Ceiling Fan CFL 13W Screw In 3L	1	39	2520	LED 9W A19 Replacement 3L	1	29	2520	-	0	0.0	0.0	0.0	98	72	26	25%	0	
2658	Promised Land State Park		COTTAGE 1	PORCH	Exterior - Switch	Lantern LED 9W A	1	9	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	9	10	-1	0%	0
2659	Promised Land State Park		COTTAGE 2	INTERIOR	Ceiling Fan CFL 13W Screw In 3L	1	39	2520	LED 9W A19 Replacement 3L	1	29	2520	-	0	0.0	0.0	0.0	98	72	26	25%	0	
2660	Promised Land State Park		COTTAGE 2	PORCH	Exterior - Switch	Lantern LED 9W A	1	9	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	9	10	-1	0%	0
2661	Promised Land State Park		COTTAGE 3	INTERIOR	Ceiling Fan CFL 13W Screw In 3L	1	39	2520	LED 9W A19 Replacement 3L	1	29	2520	-	0	0.0	0.0	0.0	98	72	26	25%	0	
2662	Promised Land State Park		COTTAGE 3	PORCH	Exterior - Switch	Lantern LED 9W A	1	9	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	9	10	-1	0%	0
2663	Promised Land State Park		WATER TOWER PUMP	WATER TOWER PUMP	Mechanical/Electrical Room	4' Vaportight BP 2L 32W T8	1	59	520	RT, 4' 10.5W DE LED 2L	1	21	520	-	0	0.1	0.0	0.0	31	11	20	0%	0
2664	Promised Land State Park		WATER TOWER PUMP	WATER TOWER PUMP	Mechanical/Electrical Room	4' Vaportight BP 2L 32W T8	1	59	520	RT, 4' 10.5W DE LED 2L	1	21	520	-	0	0.1	0.0	0.0	31	11	20	0%	0
2665	Promised Land State Park		WATER TOWER PUMP	WATER TOWER PUMP	Mechanical/Electrical Room	4' Vaportight BP 2L 32W T8	1	59	520	RT, 4' 10.5W DE LED 2L	1	21	520	-	0	0.1	0.0	0.0	31	11	20	0%	0
2666	Promised Land State Park		MUSEUM	MUSEUM	Museum	4' Wrap BP 4L 32W T8	20	112	2173	RT, 4' 10.5W DE LED 2L	20	42	2173	-	0	2.2	0.8	1.4	4,868	1,826	3,043	25%	0
2667	Promised Land State Park		MUSEUM	MUSEUM	Museum	Track Head Hal 65W PAR30	10	65	2173	LED 10W PAR30 Replacement	10	10	2173	-	0	0.7	0.1	0.6	1,413	217	1,195	25%	0
2668	Promised Land State Park		CRAFT BUILDING	CRAFT BUILDING	Classroom / Instruction	4' Wrap BP 2L 32W T8	10	59	1200	RT, 4' 10.5W DE LED 2L	10	21	1200	-	0	0.6	0.2	0.4	708	252	456	0%	0
2669	Promised Land State Park		DAY USE AREA COMFORT STATION	PIPECHASE	Mechanical/Electrical Room	Jelly Jar Inc 60W A	2	60	520	LED 9W A19 Replacement	2	10	520	-	0	0.1	0.0	0.1	62	10	53	0%	0
2670	Promised Land State Park		DAY USE AREA COMFORT STATION	MENS RESTROOM	Comfort Stations & Secluded Restrooms	4' Wrap BP 2L 32W T8	6	59	4410	RT, 4' 10.5W DE LED 2L	6	21	4410	-	0	0.4	0.1	0.2	1,561	556	1,005	0%	0
2671	Promised Land State Park		DAY USE AREA COMFORT STATION	WOMENS RESTROOM	Comfort Stations & Secluded Restrooms	4' Wrap BP 2L 32W T8	6	59	4410	RT, 4' 10.5W DE LED 2L	6	21	4410	-	0	0.4	0.1	0.2	1,561	556	1,005	0%	0
2672	Promised Land State Park	EXTERIOR	DAY USE AREA COMFORT STATION	DAY USE AREA COMFORT STATION	Exterior - Dusk to Dawn	Wall Pack CFL 42W 4P	3	48	4368	Wall Pack LED CO 1.8 klm	3	14	4368	-	0	0.0	0.0	0.0	629	183	446	25%	0
2673	Promised Land State Park		CCC PAVILION	CCC PAVILION	Pavilion	None Existing	1	0	730	No Action	1	0	730	-	0	0.0	0.0	0.0	0	0	0	25%	0
2674	Promised Land State Park		PAVILION	PAVILION	Pavilion	None Existing	1	0	730	No Action	1	0	730	-	0	0.0	0.0	0.0	0	0	0	25%	0
2675	Promised Land State Park		PRIVATE CONCESSION	PRIVATE CONCESSION	Concession Stand	4' Wrap BP 2L 32W T8	20	59	1222	RT, 4' 10.5W DE LED 2L	20	21	1222	-	0	1.2	0.4	0.8	1,442	513	929	0%	0
2676	Promised Land State Park		DAY USE WASH HOUSE	MENS SHOWER	Comfort Stations & Secluded Restrooms	4' Wrap BP 2L	20	72	4410	RT, 4' 10.5W DE LED 2L	20	21	4410	-	0	1.4	0.4	1.0	6,351	1,852	4,498	0%	0
2677	Promised Land State Park		DAY USE WASH HOUSE	WOMENS SHOWER	Comfort Stations & Secluded Restrooms	4' Wrap BP 2L	20	72	4410	RT, 4' 10.5W DE LED 2L	20	21	4410	-	0	1.4	0.4	1.0	6,351	1,852	4,498	0%	0
2678	Promised Land State Park		DAY USE WASH HOUSE	MECHANICAL	Mechanical/Electrical Room	4' Wrap BP 2L 32W T8	1	59	520	RT, 4' 10.5W DE LED 2L	1	21	520	-	0	0.1	0.0	0.0	31	11	20	0%	0
2679	Promised Land State Park		DAY USE WASH HOUSE	PIPECHASE	Mechanical/Electrical Room	Jelly Jar CFL 23W Screw In	2	23	520	LED 9W A19 Replacement	2	10	520	-	0	0.0	0.0	0.0	24	10	14	0%	0
2680	Promised Land State Park		BEAR WALLOW CABIN 1	BEAR WALLOW CABIN 1	Cabin	Ceiling Fan CFL 23W Screw In 2L	2	46	2520	LED 9W A19 Replacement 2L	2	19	2520	-	0	0.1	0.0	0.1	232	96	136	25%	0
2681	Promised Land State Park		BEAR WALLOW CABIN 2	BEAR WALLOW CABIN 2	Cabin	Ceiling Fan CFL 23W Screw In 2L	2	46	2520	LED 9W A19 Replacement 2L	2	19	2520	-	0	0.1	0.0	0.1	232	96	136	25%	0
2682	Promised Land State Park		BEAR WALLOW CABIN 3	BEAR WALLOW CABIN 3	Cabin	Ceiling Fan CFL 23W Screw In 2L	2	46	2520	LED 9W A19 Replacement 2L	2	19	2520	-	0	0.1	0.0	0.1	232	96	136	25%	0
2683	Promised Land State Park		BEAR WALLOW																				

2724	Promised Land State Park		Varden Cons. Area Shaffer Home	BATH ROOM	Residential	Ceiling Fan CFL 13W Screw In	1	13	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	13	10	4	25%	0
2725	Promised Land State Park		Varden Cons. Area Shaffer Home	BATH ROOM	Residential	Vanity Inc 25W C10 E12 5L	1	125	1000	LED 5.5W B11 E12 Replacement 5L	1	28	1000	-	0	0.1	0.0	0.1	125	28	98	25%	0
2726	Promised Land State Park		Varden Cons. Area Shaffer Home	BEDROOM	Residential	Drum CFL 13W Screw In 2L	1	26	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
2727	Promised Land State Park		Varden Cons. Area Shaffer Home	BEDROOM	Residential	Drum CFL 13W Screw In 2L	1	26	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
2728	Promised Land State Park		Varden Cons. Area Shaffer Home	ATTIC	Residential	Keyless Inc 100W A	1	100	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.1	0.0	0.1	100	10	91	25%	0
2729	Promised Land State Park		Varden Cons. Area Shaffer Home	BASEMENT	Residential	Keyless LED 9W A	2	9	1000	LED 9W A19 Replacement	2	10	1000	-	0	0.0	0.0	0.0	18	19	-1	25%	0
2730	Promised Land State Park		Varden Cons. Area Shaffer Home	WASH ROOM	Residential	6" Rec Can LED 12W	4	12	1000	No Action - Existing Efficient/LED Fixture	4	12	1000	-	0	0.0	0.0	0.0	48	48	0	25%	0
2731	Promised Land State Park		Varden Cons. Area Shaffer Home	1ST BATH ROOM	Residential	6" Rec Can LED 12W	2	12	1000	No Action - Existing Efficient/LED Fixture	2	12	1000	-	0	0.0	0.0	0.0	24	24	0	25%	0
2732	Promised Land State Park		Varden Cons. Area Shaffer Home	1ST BATH ROOM	Residential	Ceiling Fan LED 9W A	1	9	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	9	10	-1	25%	0
2733	Promised Land State Park		Varden Cons. Area Shaffer Home	1ST BATH ROOM	Residential	Vanity LED 5W G25 4L	1	20	1000	LED 6W G25 E26 Replacement 5L	1	30	1000	-	0	0.0	0.0	0.0	20	30	-10	25%	0
2734	Promised Land State Park		Varden Cons. Area Shaffer Home	1ST BEDROOM MASTER	Residential	Ceiling Fan LED 5W C10 2L	1	10	1000	LED 5.5W B11 E12 Replacement 2L	1	11	1000	-	0	0.0	0.0	0.0	10	11	-1	25%	0
2735	Promised Land State Park	EXTERIOR	Varden Cons. Area Shaffer Home	PARK RESIDENCE	Exterior - Switch	Jelly Jar CFL 13W Screw In	1	13	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	13	10	4	0%	0
2736	Promised Land State Park	EXTERIOR	Varden Cons. Area Shaffer Home	PARK RESIDENCE	Exterior - Switch	Lantern Inc 60W A	1	60	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	60	10	51	0%	0
2737	Promised Land State Park		Varden Cons. Area Residence	KITCHEN	Residential	4" Rec Can CFL 13W Screw In	2	13	1000	LED 9W A19 Replacement	2	10	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
2738	Promised Land State Park		Varden Cons. Area Residence	KITCHEN	Residential	4" Wrap BP 2L	2	72	1000	RT, 4' 10.5W DE LED 2L	2	21	1000	-	0	0.1	0.0	0.1	144	42	102	25%	0
2739	Promised Land State Park		Varden Cons. Area Residence	DINING ROOM	Residential	Ceiling Fan CFL 13W Screw In	1	13	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	13	10	4	25%	0
2740	Promised Land State Park		Varden Cons. Area Residence	FAMILY ROOM	Residential	Ceiling Fan CFL 13W Screw In	1	13	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	13	10	4	25%	0
2741	Promised Land State Park		Varden Cons. Area Residence	BEDROOM	Residential	Drum CFL 13W Screw In 2L	1	26	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
2742	Promised Land State Park		Varden Cons. Area Residence	HALLWAY	Residential	Drum CFL 13W Screw In 2L	1	26	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
2743	Promised Land State Park		Varden Cons. Area Residence	BATH ROOM	Residential	Ceiling Fan CFL 13W Screw In	1	13	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	13	10	4	25%	0
2744	Promised Land State Park		Varden Cons. Area Residence	BATH ROOM	Residential	Vanity Inc 25W C10 E12 5L	1	125	1000	LED 5.5W B11 E12 Replacement 5L	1	28	1000	-	0	0.1	0.0	0.1	125	28	98	25%	0
2745	Promised Land State Park		Varden Cons. Area Residence	BEDROOM	Residential	Drum CFL 13W Screw In 2L	1	26	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
2746	Promised Land State Park		Varden Cons. Area Residence	BEDROOM	Residential	Drum CFL 13W Screw In 2L	1	26	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
2747	Promised Land State Park		Varden Cons. Area Residence	ATTIC	Residential	Keyless Inc 100W A	1	100	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.1	0.0	0.1	100	10	91	25%	0
2748	Promised Land State Park		Varden Cons. Area Residence	BASEMENT	Residential	Keyless LED 9W A	2	9	1000	LED 9W A19 Replacement	2	10	1000	-	0	0.0	0.0	0.0	18	19	-1	25%	0
2749	Promised Land State Park		Varden Cons. Area Residence	WASH ROOM	Residential	6" Rec Can LED 12W	4	12	1000	No Action - Existing Efficient/LED Fixture	4	12	1000	-	0	0.0	0.0	0.0	48	48	0	25%	0
2750	Promised Land State Park		Varden Cons. Area Residence	1ST BATH ROOM	Residential	6" Rec Can LED 12W	2	12	1000	No Action - Existing Efficient/LED Fixture	2	12	1000	-	0	0.0	0.0	0.0	24	24	0	25%	0
2751	Promised Land State Park		Varden Cons. Area Residence	1ST BATH ROOM	Residential	Ceiling Fan LED 9W A	1	9	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	9	10	-1	25%	0
2752	Promised Land State Park		Varden Cons. Area Residence	1ST BATH ROOM	Residential	Vanity LED 5W G25 4L	1	20	1000	LED 6W G25 E26 Replacement 5L	1	30	1000	-	0	0.0	0.0	0.0	20	30	-10	25%	0
2753	Promised Land State Park		Varden Cons. Area Residence	1ST BEDROOM MASTER	Residential	Ceiling Fan LED 5W C10 2L	1	10	1000	LED 5.5W B11 E12 Replacement 2L	1	11	1000	-	0	0.0	0.0	0.0	10	11	-1	25%	0
2754	Promised Land State Park	EXTERIOR	Varden Cons. Area Residence	PARK RESIDENCE	Exterior - Switch	Jelly Jar CFL 13W Screw In	1	13	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	13	10	4	0%	0
2755	Promised Land State Park	EXTERIOR	Varden Cons. Area Residence	PARK RESIDENCE	Exterior - Switch	Lantern Inc 60W A	1	60	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	60	10	51	0%	0
2756	Promised Land State Park		Whittaker Lodge 414-53	LODGE	Lodge	Ceiling Fan CFL 13W Screw In 3L	2	39	3251	LED 9W A19 Replacement 3L	2	29	3251	-	0	0.1	0.1	0.0	254	185	68	25%	0
2757	Promised Land State Park		Rhododendron Showerhouse	MECHANICAL	Mechanical/Electrical Room	4" Vaportight BP 2L 32W T8	2	59	520	RT, 4' 10.5W DE LED 2L	2	21	520	-	0	0.1	0.0	0.1	61	22	40	0%	0
2758	Promised Land State Park		Rhododendron Showerhouse	FAMILY SHOWER	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 26W 4P	3	27	4410	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	3	9	4410	-	0	0.1	0.0	0.1	357	119	238	0%	0
2759	Promised Land State Park		Rhododendron Showerhouse	FAMILY SHOWER	Comfort Stations & Secluded Restrooms	4" Direct/Indirect BP 1L 32W T8	1	31	4410	RT, 4' 10.5W DE LED 1L	1	11	4410	-	0	0.0	0.0	0.0	137	46	90	0%	0
2760	Promised Land State Park		Rhododendron Showerhouse	FAMILY SHOWER	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2761	Promised Land State Park		Rhododendron Showerhouse	LAUNDRY	Comfort Stations & Secluded Restrooms	4" Vaportight BP 2L 32W T8	2	59	4410	RT, 4' 10.5W DE LED 2L	2	21	4410	-	0	0.1	0.0	0.1	520	185	335	0%	0
2762	Promised Land State Park		Rhododendron Showerhouse	MENS SHOWER	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 26W 4P	6	27	4410	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	6	9	4410	-	0	0.2	0.1	0.1	714	238	476	0%	0
2763	Promised Land State Park		Rhododendron Showerhouse	MENS SHOWER	Comfort Stations & Secluded Restrooms	8" Direct/Indirect BP 2L 32W T8	1	59	4410	RT, 4' 10.5W DE LED 2L	1	21	4410	-	0	0.1	0.0	0.0	260	93	168	0%	0
2764	Promised Land State Park		Rhododendron Showerhouse	MENS SHOWER	Comfort Stations & Secluded Restrooms	4" Direct/Indirect BP 1L 32W T8	1	31	4410	RT, 4' 10.5W DE LED 1L	1	11	4410	-	0	0.0	0.0	0.0	137	46	90	0%	0
2765	Promised Land State Park		Rhododendron Showerhouse	MENS SHOWER	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2766	Promised Land State Park		Rhododendron Showerhouse	MENS SHOWER	Exit Signs/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
2767	Promised Land State Park		Rhododendron Showerhouse	WOMENS SHOWER	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 26W 4P	6	27	4410	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	6	9	4410	-	0	0.2	0.1	0.1	714	238	476	0%	0
2768	Promised Land State Park		Rhododendron Showerhouse	WOMENS SHOWER	Comfort Stations & Secluded Restrooms	8" Direct/Indirect BP 2L 32W T8	1	59	4410	RT, 4' 10.5W DE LED 2L	1	21	4410	-	0	0.1	0.0	0.0	260	93	168	0%	0
2769	Promised Land State Park		Rhododendron Showerhouse	WOMENS SHOWER	Comfort Stations & Secluded Restrooms	4" Direct/Indirect BP 1L 32W T8	1	31	4410	RT, 4' 10.5W DE LED 1L	1	11	4410	-	0	0.0	0.0	0.0	137	46	90	0%	0
2770	Promised Land State Park		Rhododendron Showerhouse	WOMENS SHOWER	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2771	Promised Land State Park		Rhododendron Showerhouse	WOMENS SHOWER	Exit Signs/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
2772	Promised Land State Park		Rhododendron Showerhouse	EXTERIOR	Exterior - Dusk to Dawn	7" Rec Can MH 100W	5	128	4368	RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm	5	13	4368	-	0	0.0	0.0	0.0	2,796	284	2,512	25%	0
2773	Promised Land State Park		Rhododendron Showerhouse	EXTERIOR	Emergency Only	Emergency Fixture	3	0	0	No Action - Emergency Use Only	3	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2774	Promised Land State Park		Rhododendron Showerhouse	PIPECHASE	Mechanical/Electrical Room	4" Vaportight BP 2L 32W T8	2	59	520	RT, 4' 10.5W DE LED 2L	2	21	520	-	0	0.1	0.0	0.1	61	22	40	0%	0
2775	Promised Land State Park		Comfort Station at Pines Lower	PIPECHASE	Mechanical/Electrical Room	Jelly Jar Inc 60W A	2	60	1000	LED 9W A19 Replacement	2	10	1000	-	0	0.1	0.0	0.1	62	10	53	0%	0
2776	Promised Land State Park		Comfort Station at Pines Lower	MENS RESTROOM	Comfort Stations & Secluded Restrooms	4" Wrap BP 2L 32W T8	6	59	4410	RT, 4' 10.5W DE LED 2L	6	21	4410	-	0	0.4	0.1	0.2	1,561	556	1,006	0%	0
2777	Promised Land State Park		Comfort Station at Pines Lower	WOMENS RESTROOM	Comfort Stations & Secluded Restrooms	4" Wrap BP 2L 32W T8	6	59	4410	RT, 4' 10.5W DE LED 2L	6	21	4410	-	0	0.4	0.1	0.2	1,561	556	1,006	0%	0
2778	Promised Land State Park		Comfort Station at Pines Lower	EXTERIOR	Comfort Stations & Secluded Restrooms	Wall Pack CFL 42W 4P	3	48	4410	Wall Pack LED CO 1.8 klm	3	14	4410	-	0	0.1	0.0	0.1	635	185	450	0%	0
2779	Promised Land State Park		Comfort Station at Pines Upper 414-91	PIPECHASE	Mechanical/Electrical Room	Jelly Jar Inc 60W A	2	60	520	LED 9W A19 Replacement	2	10	520	-	0	0.1	0.0	0.1	62	10	53	0%	0
2780	Promised Land State Park		Comfort Station at Pines Upper 414-91	MENS RESTROOM	Comfort Stations & Secluded Restrooms	4" Wrap BP 2L 32W T8	6	59	4410	RT, 4' 10.5W DE LED 2L	6	21	4410	-	0	0.4	0.1	0.2	1,561	556	1,006	0%	0
2781	Promised Land State Park		Comfort Station at Pines Upper 414-91	WOMENS RESTROOM	Comfort Stations & Secluded Restrooms	4" Wrap BP 2L 32W T8	6	59	4410	RT, 4' 10.5W DE LED 2L	6	21	4410	-	0	0.4	0.1	0.2	1,561	556	1,006	0%	0
2782	Promised Land State Park		Comfort Station at Pines Upper 414-91	EXTERIOR	Comfort Stations & Secluded Restrooms	Wall Pack CFL 42W 4P	3	48	4410	Wall Pack LED CO 1.8 klm	3	14	4410	-	0	0.1	0.0	0.1	635	185	450	0%	0
2783	Promised Land State Park		Pickel Point Comfort Station	PIPECHASE	Mechanical/Electrical Room	Jelly Jar Inc 60W A	2	60	520	LED 9W A19 Replacement	2	10	520	-	0	0.1	0.0	0.1	62	10	53	0%	0
2784	Promised Land State Park		Pickel Point Comfort Station	MENS RESTROOM	Comfort Stations & Secluded Restrooms	4" Wrap BP 2L 32W T8	6	59	4410	RT, 4' 10.5W DE LED 2L	6	21	4410	-	0	0.4	0.1	0.2	1,561	556	1,006	0%	0
2785	Promised Land State Park		Pickel Point Comfort Station	WOMENS REST																			

2825	Promised Land State Park		Northwoods Showerhouse	WOMENS SHOWER	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2826	Promised Land State Park		Northwoods Showerhouse	WOMENS SHOWER	Exit Signs/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
2827	Promised Land State Park	EXTERIOR	Northwoods Showerhouse	EXTERIOR	Exterior - Dusk to Dawn	7" Rec Can MH 100W	5	128	4368	RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm	5	13	4368	-	0	0.0	0.0	0.0	2,796	284	2,512	25%	0
2828	Promised Land State Park	EXTERIOR	Northwoods Showerhouse	EXTERIOR	Emergency Only	Emergency Fixture	3	0	0	No Action - Emergency Use Only	3	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2829	Promised Land State Park		Northwoods Showerhouse	PIPECHASE	Mechanical/Electrical Room	4" Vaportight BP 2L 32W T8	2	59	520	RT, 4' 10.5W DE LED 2L	2	21	520	-	0	0.1	0.0	0.1	61	22	40	0%	0
2830	Promised Land State Park		Deerfield New Well House and Well	MECHANICAL	Mechanical/Electrical Room	4" Industrial BP 2L	2	72	520	RT, 4' 10.5W DE LED 2L	2	21	520	-	0	0.1	0.0	0.1	75	22	53	0%	0
2831	Promised Land State Park		Deerfield New Well House and Well	MECHANICAL	Mechanical/Electrical Room	Flood Inc 65 BR30 2L	1	130	520	LED 13W PAR38 Replacement 2L	1	26	520	-	0	0.1	0.0	0.1	68	14	54	0%	0
2832	Promised Land State Park		Comfort Station at Deerfield 414-086	PIPECHASE	Mechanical/Electrical Room	Jelly Jar Inc 60W A	2	60	520	LED 9W A19 Replacement	2	10	520	-	0	0.1	0.0	0.1	62	10	53	0%	0
2833	Promised Land State Park		Comfort Station at Deerfield 414-086	MENS RESTROOM	Comfort Stations & Secluded Restrooms	4' Wrap BP 2L 32W T8	6	59	4410	RT, 4' 10.5W DE LED 2L	6	21	4410	-	0	0.4	0.1	0.2	1,561	556	1,006	0%	0
2834	Promised Land State Park		Comfort Station at Deerfield 414-086	WOMENS RESTROOM	Comfort Stations & Secluded Restrooms	4' Wrap BP 2L 32W T8	6	59	4410	RT, 4' 10.5W DE LED 2L	6	21	4410	-	0	0.4	0.1	0.2	1,561	556	1,006	0%	0
2835	Promised Land State Park	EXTERIOR	Comfort Station at Deerfield 414-086	EXTERIOR	Comfort Stations & Secluded Restrooms	Wall Pack CFL 42W 4P	3	48	4410	Wall Pack LED CO 1.8 Klum	3	14	4410	-	0	0.1	0.0	0.1	635	185	450	0%	0
2836	Promised Land State Park		Beechwood Showerhouse	MECHANICAL	Mechanical/Electrical Room	4" Vaportight BP 2L 32W T8	2	59	520	RT, 4' 10.5W DE LED 2L	2	21	520	-	0	0.1	0.0	0.1	61	22	40	0%	0
2837	Promised Land State Park		Beechwood Showerhouse	FAMILY SHOWER	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 26W 4P	3	27	4410	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	3	9	4410	-	0	0.1	0.0	0.1	357	119	238	0%	0
2838	Promised Land State Park		Beechwood Showerhouse	FAMILY SHOWER	Comfort Stations & Secluded Restrooms	4" Direct/Indirect BP 1L 32W T8	1	31	4410	RT, 4' 10.5W DE LED 1L	1	11	4410	-	0	0.0	0.0	0.0	137	46	90	0%	0
2839	Promised Land State Park		Beechwood Showerhouse	FAMILY SHOWER	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2840	Promised Land State Park		Beechwood Showerhouse	LAUNDRY	Mechanical/Electrical Room	4" Vaportight BP 2L 32W T8	2	59	520	RT, 4' 10.5W DE LED 2L	2	21	520	-	0	0.1	0.0	0.1	61	22	40	0%	0
2841	Promised Land State Park		Beechwood Showerhouse	MENS SHOWER	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 26W 4P	6	27	4410	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	6	9	4410	-	0	0.2	0.1	0.1	714	238	476	0%	0
2842	Promised Land State Park		Beechwood Showerhouse	MENS SHOWER	Comfort Stations & Secluded Restrooms	8" Direct/Indirect BP 2L 32W T8	1	59	4410	RT, 4' 10.5W DE LED 2L	1	21	4410	-	0	0.1	0.0	0.0	260	93	168	0%	0
2843	Promised Land State Park		Beechwood Showerhouse	MENS SHOWER	Comfort Stations & Secluded Restrooms	4" Direct/Indirect BP 1L 32W T8	1	31	4410	RT, 4' 10.5W DE LED 1L	1	11	4410	-	0	0.0	0.0	0.0	137	46	90	0%	0
2844	Promised Land State Park		Beechwood Showerhouse	MENS SHOWER	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2845	Promised Land State Park		Beechwood Showerhouse	MENS SHOWER	Exit Signs/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
2846	Promised Land State Park		Beechwood Showerhouse	WOMENS SHOWER	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 26W 4P	6	27	4410	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	6	9	4410	-	0	0.2	0.1	0.1	714	238	476	0%	0
2847	Promised Land State Park		Beechwood Showerhouse	WOMENS SHOWER	Comfort Stations & Secluded Restrooms	8" Direct/Indirect BP 2L 32W T8	1	59	4410	RT, 4' 10.5W DE LED 2L	1	21	4410	-	0	0.1	0.0	0.0	260	93	168	0%	0
2848	Promised Land State Park		Beechwood Showerhouse	WOMENS SHOWER	Comfort Stations & Secluded Restrooms	4" Direct/Indirect BP 1L 32W T8	1	31	4410	RT, 4' 10.5W DE LED 1L	1	11	4410	-	0	0.0	0.0	0.0	137	46	90	0%	0
2849	Promised Land State Park		Beechwood Showerhouse	WOMENS SHOWER	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2850	Promised Land State Park		Beechwood Showerhouse	WOMENS SHOWER	Exit Signs/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
2851	Promised Land State Park	EXTERIOR	Beechwood Showerhouse	EXTERIOR	Exterior - Dusk to Dawn	7" Rec Can MH 100W	5	128	4368	RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm	5	13	4368	-	0	0.0	0.0	0.0	2,796	284	2,512	25%	0
2852	Promised Land State Park	EXTERIOR	Beechwood Showerhouse	EXTERIOR	Emergency Only	Emergency Fixture	3	0	0	No Action - Emergency Use Only	3	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2853	Promised Land State Park		Beechwood Showerhouse	PIPECHASE	Mechanical/Electrical Room	4" Vaportight BP 2L 32W T8	2	59	520	RT, 4' 10.5W DE LED 2L	2	21	520	-	0	0.1	0.0	0.1	61	22	40	0%	0
2854	Promised Land State Park		Bear Wallow Garage	STORAGE	Maintenance & Garages	RLM CFL 23W Screw In	7	23	2350	LED 9W A19 Replacement	7	10	2350	-	0	0.2	0.1	0.1	378	156	222	25%	0
2855	Promised Land State Park		Site Lighting	None Existing	Exterior - Dusk to Dawn	None Existing	0	0	4368	No Action - Existing Efficient/LED Fixture	0	0	4368	-	0	0.0	0.0	0.0	0	0	0	25%	0
2856	Promised Land State Park		Sandy's Garage at Rt. 390	STORAGE	Maintenance & Garages	RLM CFL 23W Screw In	7	23	2350	LED 9W A19 Replacement	7	10	2350	-	0	0.2	0.1	0.1	378	156	222	25%	0
2857	Promised Land State Park		Arts and Crafts Building 414-56 EEO	Arts and Crafts	Keyless Inc 90W A	4	90	3251	LED 9W A19 Replacement	4	10	3251	-	0	0.4	0.0	0.3	1,170	124	1,047	25%	0	
2858	Promised Land State Park		Arts and Crafts Building 414-56 EEO	Arts and Crafts	Lodge	Keyless CFL 23W Screw In	2	23	3251	LED 9W A19 Replacement	2	10	3251	-	0	0.0	0.0	0.0	150	62	88	25%	0
2859	Promised Land State Park		Arts and Crafts Building 414-56 EEO	Arts and Crafts	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2860	Promised Land State Park		Arts and Crafts Building 414-56 EEO	Arts and Crafts	Exit Signs/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
2861	Promised Land State Park		Auditorium 414-66	CAMP SITE	Lodge	Barnlight LED 55W	1	55	3251	No Action - Existing Efficient/LED Fixture	1	55	3251	-	0	0.1	0.1	0.0	179	179	0	25%	0
2862	Promised Land State Park		Auditorium 414-66	PARKING/WALKWAY	Lodge	Bollard CFL 13W 2P	21	17	3251	RT, LED 6W 2P GX23 Omni	21	6	3251	-	0	0.4	0.1	0.2	1,160	410	751	25%	0
2863	Promised Land State Park		Auditorium 414-66	AMPHITHEATER	Lodge	Flood Inc 65 BR30 2L	5	130	3251	LED 13W PAR38 Replacement 2L	5	26	3251	-	0	0.7	0.1	0.5	2,113	423	1,690	25%	0
2864	Promised Land State Park		Auditorium 414-66	AMPHITHEATER	Lodge	Bollard CFL 13W 2P	13	17	3251	RT, LED 6W 2P GX23 Omni	13	6	3251	-	0	0.2	0.1	0.1	718	254	465	25%	0
2865	Promised Land State Park		Auditorium 414-66	AMPHITHEATER STORAGE	Storage Room	Keyless Inc 60W A	1	60	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	32	5	27	25%	0
2866	Promised Land State Park		Blacksmith Shop 414-59	SHOP	Maintenance & Garages	2X4 Prism Rec 2L	16	72	2350	RT, 4' 10.5W DE LED 2L	16	21	2350	-	0	1.2	0.3	0.8	2,707	790	1,918	25%	0
2867	Promised Land State Park		Blacksmith Shop 414-59	BACK STORAGE	Storage Room	4" Industrial BP 2L 32W T8	2	59	527	RT, 4' 10.5W DE LED 2L	2	21	527	-	0	0.1	0.0	0.1	62	22	40	25%	0
2868	Promised Land State Park		Blacksmith Shop 414-59	RESTROOM	Restroom (Private)	4" Industrial BP 2L 32W T8	1	59	1000	RT, 4' 10.5W DE LED 2L	1	21	1000	-	0	0.1	0.0	0.0	59	21	38	25%	0
2869	Promised Land State Park		Boat Concession 414-50	CONCESSION	Storage Room	4" Wrap BP 2L 32W T8	20	59	527	RT, 4' 10.5W DE LED 2L	20	21	527	-	0	1.2	0.4	0.8	622	221	401	25%	0
2870	Promised Land State Park		Cabin #1 414-30	CABIN	Cabin	Ceiling Fan CFL 23W Screw In 2L	2	46	2520	LED 9W A19 Replacement 2L	2	19	2520	-	0	0.1	0.0	0.1	232	96	136	25%	0
2871	Promised Land State Park		Cabin #10 414-39	CABIN	Cabin	Ceiling Fan CFL 23W Screw In 2L	2	46	2520	LED 9W A19 Replacement 2L	2	19	2520	-	0	0.1	0.0	0.1	232	96	136	25%	0
2872	Promised Land State Park		Cabin #11 414-40	CABIN	Cabin	Ceiling Fan CFL 23W Screw In 2L	2	46	2520	LED 9W A19 Replacement 2L	2	19	2520	-	0	0.1	0.0	0.1	232	96	136	25%	0
2873	Promised Land State Park		Cabin #12 414-41	CABIN	Cabin	Ceiling Fan CFL 23W Screw In 2L	2	46	2520	LED 9W A19 Replacement 2L	2	19	2520	-	0	0.1	0.0	0.1	232	96	136	25%	0
2874	Promised Land State Park		Cabin #2 414-31	CABIN	Cabin	Ceiling Fan CFL 23W Screw In 2L	2	46	2520	LED 9W A19 Replacement 2L	2	19	2520	-	0	0.1	0.0	0.1	232	96	136	25%	0
2875	Promised Land State Park		Cabin #3 414-32	CABIN	Cabin	Ceiling Fan CFL 23W Screw In 2L	2	46	2520	LED 9W A19 Replacement 2L	2	19	2520	-	0	0.1	0.0	0.1	232	96	136	25%	0
2876	Promised Land State Park		Cabin #4 414-33	CABIN	Cabin	Ceiling Fan CFL 23W Screw In 2L	2	46	2520	LED 9W A19 Replacement 2L	2	19	2520	-	0	0.1	0.0	0.1	232	96	136	25%	0
2877	Promised Land State Park		Cabin #5 414-34	CABIN	Cabin	Ceiling Fan CFL 23W Screw In 2L	2	46	2520	LED 9W A19 Replacement 2L	2	19	2520	-	0	0.1	0.0	0.1	232	96	136	25%	0
2878	Promised Land State Park		Cabin #6 414-35	CABIN	Cabin	Ceiling Fan CFL 23W Screw In 2L	2	46	2520	LED 9W A19 Replacement 2L	2	19	2520	-	0	0.1	0.0	0.1	232	96	136	25%	0
2879	Promised Land State Park		Cabin #7 414-36	CABIN	Cabin	Ceiling Fan CFL 23W Screw In 2L	2	46	2520	LED 9W A19 Replacement 2L	2	19	2520	-	0	0.1	0.0	0.1	232	96	136	25%	0
2880	Promised Land State Park		Cabin #8 414-37	CABIN	Cabin	Ceiling Fan CFL 23W Screw In 2L	2	46	2520	LED 9W A19 Replacement 2L	2	19	2520	-	0	0.1	0.0	0.1	232	96	136	25%	0
2881	Promised Land State Park		Cabin #9 414-38	CABIN	Cabin	Ceiling Fan CFL 23W Screw In 2L	2	46	2520	LED 9W A19 Replacement 2L	2	19	2520	-	0	0.1	0.0	0.1	232	96	136	25%	0
2882	Promised Land State Park		Cleaning Supply Shed 414-100	SHED	Storage Room	RLM CFL 23W Screw In	2	23	527	LED 9W A19 Replacement	2	10	527	-	0	0.0	0.0	0.0	24	10	14	25%	0
2883	Promised Land State Park		Falls Pavilion 414-002	PAVILION	Storage Room	None Existing	0	0	527	No Action	0	0	527	-	0	0.0	0.0	0.0	0	0	0	25%	0
2884	Promised Land State Park		Garage 414-57 Pickerel Point	GARAGE	Maintenance & Garages	RLM CFL 23W Screw In	7	23	2350	LED 9W A19 Replacement	7	10	2350	-	0	0.2	0.1	0.1	378	156	222	25%	0
2885	Promised Land State Park		Gas & Oil Shed 414-73	SHED	Storage Room	Explosion Proof Inc 60W A	1	60	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	32	5			



2926	Ridley Creek State Park		PARK MANSION-OFFICE	HALLWAY	Hallways and Common Areas	Wall Sconce CFL 23W Screw In	4	23	3977	LED 9W A19 Replacement	4	10	3977	-	0	0.1	0.0	0.1	366	151	215	25%	0
2927	Ridley Creek State Park		PARK MANSION-OFFICE	HALLWAY	Emergency Only	Emergency Fixture	2	0	0	No Action - Emergency Use Only	2	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2928	Ridley Creek State Park		PARK MANSION-OFFICE	CLOSET	Storage Room	Decorative Inc 100W A	1	100	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	53	5	48	25%	0
2929	Ridley Creek State Park		PARK MANSION-OFFICE	LIBRARY	Open Office	4" Industrial BP 2L	3	72	3500	RT, 4' 10.5W DE LED 2L	3	21	3500	-	0	0.2	0.1	0.2	756	221	536	25%	0
2930	Ridley Creek State Park		PARK MANSION-OFFICE	LIBRARY	Open Office	4" Wrap BP 4L	1	144	3500	RT, 4' 10.5W DE LED 4L	1	42	3500	-	0	0.1	0.0	0.1	504	147	357	25%	0
2931	Ridley Creek State Park		PARK MANSION-OFFICE	LIBRARY RESTROOM	Restroom (Private)	Keyless Inc 60W A	1	60	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.1	0.0	0.1	60	10	51	25%	0
2932	Ridley Creek State Park		PARK MANSION-OFFICE	LIBRARY RESTROOM	Restroom (Private)	Keyless Empty E26	1	0	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	0	10	-10	25%	0
2933	Ridley Creek State Park		PARK MANSION-OFFICE	CLOSET	Storage Room	Decorative Inc 60W A	1	60	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	32	5	27	25%	0
2934	Ridley Creek State Park		PARK MANSION-OFFICE	CLOSET	Storage Room	Decorative Inc 60W A	1	60	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	32	5	27	25%	0
2935	Ridley Creek State Park		PARK MANSION-OFFICE	HALLWAY	Hallways and Common Areas	Wall Sconce CFL 23W Screw In	3	23	3977	LED 9W A19 Replacement	3	10	3977	-	0	0.1	0.0	0.0	274	113	161	25%	0
2936	Ridley Creek State Park		PARK MANSION-OFFICE	MENS RESTROOM	Restroom	Vanity CFL 23W Screw In 3L	1	69	2625	LED 9W A19 Replacement 3L	1	29	2625	-	0	0.1	0.0	0.0	181	75	106	25%	0
2937	Ridley Creek State Park		PARK MANSION-OFFICE	MENS RESTROOM	Restroom	Vanity LED 9W A 2L	1	18	2625	LED 9W A19 Replacement 2L	1	19	2625	-	0	0.0	0.0	0.0	47	50	-3	25%	0
2938	Ridley Creek State Park		PARK MANSION-OFFICE	MENS RESTROOM	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2939	Ridley Creek State Park		PARK MANSION-OFFICE	WOMENS RESTROOM	Restroom	Vanity CFL 23W Screw In 3L	1	69	2625	LED 9W A19 Replacement 3L	1	29	2625	-	0	0.1	0.0	0.0	181	75	106	25%	0
2940	Ridley Creek State Park		PARK MANSION-OFFICE	WOMENS RESTROOM	Restroom	Vanity CFL 23W Screw In 2L	1	46	2625	LED 9W A19 Replacement 2L	1	19	2625	-	0	0.0	0.0	0.0	121	50	71	25%	0
2941	Ridley Creek State Park		PARK MANSION-OFFICE	WOMENS RESTROOM	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2942	Ridley Creek State Park		PARK MANSION-OFFICE	HALLWAY	Hallways and Common Areas	Wall Sconce CFL 23W Screw In	7	23	3977	LED 9W A19 Replacement	7	10	3977	-	0	0.2	0.1	0.1	640	264	376	25%	0
2943	Ridley Creek State Park		PARK MANSION-OFFICE	HALLWAY	Hallways and Common Areas	Wall Sconce LED 9W A	2	9	3977	LED 9W A19 Replacement	2	10	3977	-	0	0.0	0.0	0.0	72	76	-4	25%	0
2944	Ridley Creek State Park		PARK MANSION-OFFICE	HALLWAY	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2945	Ridley Creek State Park		PARK MANSION-OFFICE	BRC OFFICE	Private Office	4" Wrap BP 2L 32W T8	2	59	2500	RT, 4' 10.5W DE LED 2L	2	21	2500	-	0	0.1	0.0	0.1	295	105	190	25%	0
2946	Ridley Creek State Park		PARK MANSION-OFFICE	BRC OFFICE RESTROOM	Restroom (Private)	Vanity Inc 60W A	2	60	1000	LED 9W A19 Replacement	2	10	1000	-	0	0.1	0.0	0.1	120	19	101	25%	0
2947	Ridley Creek State Park		PARK MANSION-OFFICE	SUPERINTENDENT OFFICE	Private Office	4" Wrap LED 30W	2	30	2500	No Action - Existing Efficient/LED Fixture	2	30	2500	-	0	0.1	0.1	0.0	150	150	0	25%	0
2948	Ridley Creek State Park		PARK MANSION-OFFICE	BREAK ROOM	Break Room	4" Wrap LED 30W	6	30	1230	No Action - Existing Efficient/LED Fixture	6	30	1230	-	0	0.2	0.2	0.0	221	221	0	25%	0
2949	Ridley Creek State Park		PARK MANSION-OFFICE	CONFERENCE ROOM	Conference Room	8' Direct/Indirect HO 2L	2	207	2500	RT, 8' HO 43W DE LED 2L	2	86	2500	-	0	0.4	0.2	0.2	1,035	430	605	0%	0
2950	Ridley Creek State Park		PARK MANSION-OFFICE	CLOSET	Storage Room	Wall Sconce Inc 60W A	1	60	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	32	5	27	25%	0
2951	Ridley Creek State Park		PARK MANSION-OFFICE	CLOSET	Storage Room	8' Strip SP 1L	1	83	527	RT, 4' 10.5W DE LED 2L, 8' BC Kit	1	21	527	-	0	0.1	0.0	0.1	44	11	33	25%	0
2952	Ridley Creek State Park		PARK MANSION-OFFICE	EE OFFICE	Private Office	4x4 Prism Rec 6L 34W T12	1	216	2500	RT, 4' 18.5W DE LED 6L	1	111	2500	-	0	0.2	0.1	0.1	540	278	263	25%	0
2953	Ridley Creek State Park		PARK MANSION-OFFICE	RESTROOM	Restroom	Vanity LED 9W A	2	9	3500	LED 9W A19 Replacement	2	10	3500	-	0	0.0	0.0	0.0	63	67	-4	25%	0
2954	Ridley Creek State Park		PARK MANSION-OFFICE	HALLWAY	Hallways and Common Areas	Wall Sconce LED 9W A	2	9	3977	LED 9W A19 Replacement	2	10	3977	-	0	0.0	0.0	0.0	72	76	-4	25%	0
2955	Ridley Creek State Park		PARK MANSION-OFFICE	HALLWAY	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2956	Ridley Creek State Park		PARK MANSION-OFFICE	HALLWAY	Hallways and Common Areas	Keyless LED 9W A	1	9	3977	LED 9W A19 Replacement	1	10	3977	-	0	0.0	0.0	0.0	36	38	-2	25%	0
2957	Ridley Creek State Park		PARK MANSION-OFFICE	MAINTENANCE OFFICE	Private Office	4" Wrap BP 2L	1	72	2500	RT, 4' 10.5W DE LED 2L	1	21	2500	-	0	0.1	0.0	0.1	180	53	128	25%	0
2958	Ridley Creek State Park		PARK MANSION-OFFICE	RANGER STORAGE	Storage Room	4" Wrap BP 2L	2	72	527	RT, 4' 10.5W DE LED 2L	2	21	527	-	0	0.1	0.0	0.1	76	22	54	25%	0
2959	Ridley Creek State Park		PARK MANSION-OFFICE	STORAGE 1-3	Storage Room	Decorative Inc 60W A	1	60	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	32	5	27	25%	0
2960	Ridley Creek State Park		PARK MANSION-OFFICE	STORAGE 1-3	Storage Room	Keyless Inc 60W A	1	60	527	LED 9W A19 Replacement	1	10	527	-	0	0.1	0.0	0.1	32	5	27	25%	0
2961	Ridley Creek State Park		PARK MANSION-OFFICE	STORAGE 1-3	Storage Room	Keyless Empty E26	1	0	527	LED 9W A19 Replacement	1	10	527	-	0	0.0	0.0	0.0	0	5	-5	25%	0
2962	Ridley Creek State Park	EXTERIOR	PARK MANSION	PARKING LOT	Exterior - Dusk to Dawn	Area LED 9.8 klm TN	4	295	4368	Area LED 9.8 klm TN	4	70	4368	-	0	0.0	0.0	0.0	5,154	1,223	3,931	25%	0
2963	Ridley Creek State Park	EXTERIOR	PARK MANSION	SIDEWALKS	Exterior - Dusk to Dawn	Bollard LED 27W	11	27	4368	No Action - Existing Efficient/LED Fixture	11	27	4368	-	0	0.0	0.0	0.0	1,297	1,297	0	25%	0
2964	Ridley Creek State Park	EXTERIOR	PARK MANSION	CENTER DRIVE	Exterior - Dusk to Dawn	Bollard LED 27W	7	27	4368	No Action - Existing Efficient/LED Fixture	7	27	4368	-	0	0.0	0.0	0.0	826	826	0	25%	0
2965	Ridley Creek State Park	EXTERIOR	PARK MANSION	FRONT	Exterior - Dusk to Dawn	Chandelier LED 9W A	1	9	4368	LED 9W A19 Replacement	1	10	4368	-	0	0.0	0.0	0.0	39	41	-2	25%	0
2966	Ridley Creek State Park	EXTERIOR	PARK MANSION	FRONT	Exterior - Dusk to Dawn	Wall Pack Inc 60W A 2L	1	120	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	524	87	437	25%	0
2967	Ridley Creek State Park	EXTERIOR	PARK MANSION	RIGHT	Exterior - Dusk to Dawn	Wall Pack HPS 100W	1	138	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	603	87	515	25%	0
2968	Ridley Creek State Park	EXTERIOR	PARK MANSION	RIGHT	Exterior - Dusk to Dawn	Wall Pack CFL 13W Screw In 2L	1	26	4368	Wall Pack LED SEC 2.5 klm PC	1	20	4368	-	0	0.0	0.0	0.0	114	87	26	25%	0
2969	Ridley Creek State Park	EXTERIOR	PARK MANSION	LEFT	Exterior - Dusk to Dawn	Canopy LED 56W	1	56	4368	No Action - Existing Efficient/LED Fixture	1	56	4368	-	0	0.0	0.0	0.0	245	245	0	25%	0
2970	Ridley Creek State Park	EXTERIOR	PARK MANSION	LEFT	Exterior - Dusk to Dawn	Wall Pack MH 70W	2	95	4368	Wall Pack LED SEC 2.5 klm PC	2	20	4368	-	0	0.0	0.0	0.0	830	175	655	25%	0
2971	Ridley Creek State Park	EXTERIOR	PARK MANSION	LEFT	Emergency Only	Emergency Fixture	2	0	0	No Action - Emergency Use Only	2	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2972	Ridley Creek State Park	3	PARK MANSION	STAIR	Hallways and Common Areas	Keyless LED 9W A	1	9	3977	LED 9W A19 Replacement	1	10	3977	-	0	0.0	0.0	0.0	36	38	-2	25%	0
2973	Ridley Creek State Park	3	PARK MANSION	STORAGE	Storage Room	Keyless Inc 60W A	4	60	527	LED 9W A19 Replacement	4	10	527	-	0	0.2	0.0	0.2	126	20	106	25%	0
2974	Ridley Creek State Park	3	PARK MANSION	STORAGE	Storage Room	Keyless CFL 23W Screw In	1	23	527	LED 9W A19 Replacement	1	10	527	-	0	0.0	0.0	0.0	12	5	7	25%	0
2975	Ridley Creek State Park	3	PARK MANSION	STORAGE	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2976	Ridley Creek State Park	3	PARK MANSION	STAIR	Hallways and Common Areas	Keyless LED 9W A	3	9	3977	LED 9W A19 Replacement	3	10	3977	-	0	0.0	0.0	0.0	107	113	-6	25%	0
2977	Ridley Creek State Park	3	PARK MANSION	STAIR	Emergency Only	Emergency Fixture	3	0	0	No Action - Emergency Use Only	3	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2978	Ridley Creek State Park	B	PARK MANSION	BASEMENT	Open Office	Keyless LED 9W A	3	9	3500	LED 9W A19 Replacement	3	10	3500	-	0	0.0	0.0	0.0	95	100	-5	25%	0
2979	Ridley Creek State Park	B	PARK MANSION	BASEMENT	Open Office	4" Wrap LED 32W	1	32	3500	No Action - Existing Efficient/LED Fixture	1	32	3500	-	0	0.0	0.0	0.0	112	112	0	25%	0
2980	Ridley Creek State Park	B	PARK MANSION	BASEMENT	Open Office	Canopy LED 10W	2	10	2625	No Action - Existing Efficient/LED Fixture	2	10	2625	-	0	0.0	0.0	0.0	53	53	0	25%	0
2981	Ridley Creek State Park	B	PARK MANSION	BASEMENT	Open Office	Keyless CFL 23W Screw In	5	23	3500	LED 9W A19 Replacement	5	10	3500	-	0	0.1	0.0	0.1	403	166	236	25%	0
2982	Ridley Creek State Park	B	PARK MANSION	BASEMENT	Open Office	Keyless Inc 60W A	1	60	3500	LED 9W A19 Replacement	1	10	3500	-	0	0.1	0.0	0.1	210	33	177	25%	0
2983	Ridley Creek State Park	B	PARK MANSION	BASEMENT	Open Office	Drum Inc 60W A	1	60	3500	LED 9W A19 Replacement	1	10	3500	-	0	0.1	0.0	0.1	210	33	177	25%	0
2984	Ridley Creek State Park	B	PARK MANSION	MECHANICAL	Mechanical/Electrical Room	4" Wrap BP 2L	2	72	520	RT, 4' 10.5W DE LED 2L	2	21	520	-	0	0.1	0.0	0.1	75	22	53	0%	0
2985	Ridley Creek State Park	B	PARK MANSION	MECHANICAL	Mechanical/Electrical Room	Keyless LED 9W A	3	9	520	LED 9W A19 Replacement	3	10	520	-	0	0.0	0.0	0.0	14	15	-1	0%	0
2986	Ridley Creek State Park	B	PARK MANSION	MECHANICAL	Mechanical/Electrical Room	4" Strip BP 2L	4	72	520	RT, 4' 10.5W DE LED 2L	4	21	520	-	0	0.3	0.1	0.2	150	44	106	0%	0
2987	Ridley Creek State Park	B	PARK MANSION	STORAGE	Storage Room	4" Strip LED 30W	5	30	527	No Action - Existing Efficient/LED Fixture	5	30	527	-	0	0.2	0.2	0.0	79	79	0	25%	0
2988	Ridley Creek State Park	B	PARK MANSION	STORAGE	Emergency Only	Emergency Fixture	4	0	0	No Action - Emergency Use Only	4	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
2989	Ridley Creek State Park	B	#7 RESTROOM	MENS RESTROOM	Restroom	Drum LED 20W	3	20	2625	No Action - Existing Efficient/LED Fixture	3	20	2625	-									

3027	Ridley Creek State Park		PARK RESIDENCE	OFFICE CLOSETS	Storage Room	Drum CFL 22/32W Circ.	3	58	527	Drum LED 2000 Lm 13"	3	28	527	-	0	0.2	0.1	0.1	92	44	47	25%	0
3028	Ridley Creek State Park		PARK RESIDENCE	OFFICES	Exit Signs/Night Lights	Exit Sign Combo LED	2	3	8760	No Action - Existing Efficient/LED Fixture	2	3	8760	-	0	0.0	0.0	0.0	53	53	0	0%	0
3029	Ridley Creek State Park		PARK RESIDENCE	OFFICE RESTROOMS	Residence - Bathroom	2" Vanity 2L 17W T8	4	33	1000	RT, 2" 7W DE LED 2L	4	14	1000	-	0	0.1	0.1	0.1	132	56	76	25%	0
3030	Ridley Creek State Park		PARK RESIDENCE	OFFICES	Open Office	2X4 Volumetric Sur 2L T5	8	63	3500	RT, 4" 13W DE LED T5 2L	8	26	3500	-	0	0.5	0.2	0.3	1,764	728	1,036	25%	0
3031	Ridley Creek State Park		PARK RESIDENCE	ATTIC	Storage Room	4" Vaportight BP 2L 32W T8	4	59	527	RT, 4" 10.5W DE LED 2L	4	21	527	-	0	0.2	0.1	0.2	124	44	80	25%	0
3032	Ridley Creek State Park	EXTERIOR	PARK RESIDENCE	EXTERIOR	Exterior - Switch	Lantern CFL 13W Screw In	1	13	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	13	10	4	0%	0
3033	Ridley Creek State Park	EXTERIOR	PARK RESIDENCE	EXTERIOR	Exterior - Switch	Flood LED 17W PAR38 2L	3	34	1000	LED 13W PAR38 Replacement 2L	3	26	1000	-	0	0.0	0.0	0.0	102	78	24	0%	0
3034	Ridley Creek State Park	EXTERIOR	PARK RESIDENCE	EXTERIOR	Exterior - Switch	Flood Hal 65W PAR38 2L	1	130	1000	LED 13W PAR38 Replacement 2L	1	26	1000	-	0	0.0	0.0	0.0	130	26	104	0%	0
3035	Ridley Creek State Park		PARK RESIDENCE	CARRIAGE HOUSE	Storage Room	None Existing	1	0	527	No Action	1	0	527	-	0	0.0	0.0	0.0	0	0	0	25%	0
3036	Ridley Creek State Park		Rental Residence - Hoda House	KITCHEN	Residential	4" Rec Can CFL 13W Screw In	2	13	1000	LED 9W A19 Replacement	2	10	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
3037	Ridley Creek State Park		Rental Residence - Hoda House	KITCHEN	Residential	4" Wrap BP 2L	2	72	1000	RT, 4" 10.5W DE LED 2L	2	21	1000	-	0	0.1	0.0	0.1	144	42	102	25%	0
3038	Ridley Creek State Park		Rental Residence - Hoda House	DINING ROOM	Residential	Ceiling Fan CFL 13W Screw In	1	13	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	13	10	4	25%	0
3039	Ridley Creek State Park		Rental Residence - Hoda House	FAMILY ROOM	Residential	Ceiling Fan CFL 13W Screw In	1	13	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	13	10	4	25%	0
3040	Ridley Creek State Park		Rental Residence - Hoda House	BEDROOM	Residential	Drum CFL 13W Screw In 2L	1	26	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
3041	Ridley Creek State Park		Rental Residence - Hoda House	HALLWAY	Residential	Drum CFL 13W Screw In 2L	1	26	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
3042	Ridley Creek State Park		Rental Residence - Hoda House	BATH ROOM	Residential	Ceiling Fan CFL 13W Screw In	1	13	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	13	10	4	25%	0
3043	Ridley Creek State Park		Rental Residence - Hoda House	BATH ROOM	Residential	Vanity Inc 25W C10 E12 5L	1	125	1000	LED 5.5W B11 E12 Replacement 5L	1	28	1000	-	0	0.1	0.0	0.1	125	28	98	25%	0
3044	Ridley Creek State Park		Rental Residence - Hoda House	BEDROOM	Residential	Drum CFL 13W Screw In 2L	1	26	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
3045	Ridley Creek State Park		Rental Residence - Hoda House	BEDROOM	Residential	Drum CFL 13W Screw In 2L	1	26	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
3046	Ridley Creek State Park		Rental Residence - Hoda House	ATTIC	Residential	Keyless Inc 100W A	1	100	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.1	0.0	0.1	100	10	91	25%	0
3047	Ridley Creek State Park		Rental Residence - Hoda House	BASEMENT	Residential	Keyless LED 9W A	2	9	1000	LED 9W A19 Replacement	2	10	1000	-	0	0.0	0.0	0.0	18	19	-1	25%	0
3048	Ridley Creek State Park		Rental Residence - Hoda House	WASH ROOM	Residential	6" Rec Can LED 12W	4	12	1000	No Action - Existing Efficient/LED Fixture	4	12	1000	-	0	0.0	0.0	0.0	48	48	0	25%	0
3049	Ridley Creek State Park		Rental Residence - Hoda House	1ST BATH ROOM	Residential	6" Rec Can LED 12W	2	12	1000	No Action - Existing Efficient/LED Fixture	2	12	1000	-	0	0.0	0.0	0.0	24	24	0	25%	0
3050	Ridley Creek State Park		Rental Residence - Hoda House	1ST BATH ROOM	Residential	Ceiling Fan LED 9W A	1	9	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	9	10	-1	25%	0
3051	Ridley Creek State Park		Rental Residence - Hoda House	1ST BATH ROOM	Residential	Vanity LED 5W G25 4L	1	20	1000	LED 6W G25 E26 Replacement 5L	1	30	1000	-	0	0.0	0.0	0.0	20	30	-10	25%	0
3052	Ridley Creek State Park		Rental Residence - Hoda House	1ST BEDROOM MASTER	Residential	Ceiling Fan LED 5W C10 2L	1	10	1000	LED 5.5W B11 E12 Replacement 2L	1	11	1000	-	0	0.0	0.0	0.0	10	11	-1	25%	0
3053	Ridley Creek State Park	EXTERIOR	Rental Residence - Hoda House	PARK RESIDENCE	Residential	Jelly Jar CFL 13W Screw In	1	13	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	13	10	4	25%	0
3054	Ridley Creek State Park	EXTERIOR	Rental Residence - Hoda House	PARK RESIDENCE	Residential	Lantern Inc 60W A	1	60	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.1	0.0	0.1	60	10	51	25%	0
3055	Ridley Creek State Park		Comfort Station #11	MENS RESTROOM	Comfort Stations & Secluded Restrooms	Drum LED 20W	3	20	4410	No Action - Existing Efficient/LED Fixture	3	20	4410	-	0	0.1	0.1	0.0	265	265	0	0%	0
3056	Ridley Creek State Park		Comfort Station #11	WOMENS RESTROOM	Comfort Stations & Secluded Restrooms	Drum LED 20W	3	20	4410	No Action - Existing Efficient/LED Fixture	3	20	4410	-	0	0.1	0.1	0.0	265	265	0	0%	0
3057	Ridley Creek State Park	EXTERIOR	Comfort Station #11	EXTERIOR	Exterior - Dusk to Dawn	Wall Pack LED 20W	2	20	4368	No Action - Existing Efficient/LED Fixture	2	20	4368	-	0	0.0	0.0	0.0	175	175	0	25%	0
3058	Ridley Creek State Park		Comfort Station #12	MENS RESTROOM	Comfort Stations & Secluded Restrooms	Drum LED 20W	3	20	4410	No Action - Existing Efficient/LED Fixture	3	20	4410	-	0	0.1	0.1	0.0	265	265	0	0%	0
3059	Ridley Creek State Park		Comfort Station #12	WOMENS RESTROOM	Comfort Stations & Secluded Restrooms	Drum LED 20W	3	20	4410	No Action - Existing Efficient/LED Fixture	3	20	4410	-	0	0.1	0.1	0.0	265	265	0	0%	0
3060	Ridley Creek State Park	EXTERIOR	Comfort Station #12	EXTERIOR	Exterior - Dusk to Dawn	Wall Pack LED 20W	2	20	4368	No Action - Existing Efficient/LED Fixture	2	20	4368	-	0	0.0	0.0	0.0	175	175	0	25%	0
3061	Ridley Creek State Park		Comfort Station #13	MENS RESTROOM	Comfort Stations & Secluded Restrooms	Drum LED 20W	3	20	4410	No Action - Existing Efficient/LED Fixture	3	20	4410	-	0	0.1	0.1	0.0	265	265	0	0%	0
3062	Ridley Creek State Park		Comfort Station #13	WOMENS RESTROOM	Comfort Stations & Secluded Restrooms	Drum LED 20W	3	20	4410	No Action - Existing Efficient/LED Fixture	3	20	4410	-	0	0.1	0.1	0.0	265	265	0	0%	0
3063	Ridley Creek State Park	EXTERIOR	Comfort Station #14	EXTERIOR	Exterior - Dusk to Dawn	Wall Pack LED 20W	2	20	4368	No Action - Existing Efficient/LED Fixture	2	20	4368	-	0	0.0	0.0	0.0	175	175	0	25%	0
3064	Ridley Creek State Park		Comfort Station #14	MENS RESTROOM	Comfort Stations & Secluded Restrooms	Drum LED 20W	3	20	4410	No Action - Existing Efficient/LED Fixture	3	20	4410	-	0	0.1	0.1	0.0	265	265	0	0%	0
3065	Ridley Creek State Park		Comfort Station #14	WOMENS RESTROOM	Comfort Stations & Secluded Restrooms	Drum LED 20W	3	20	4410	No Action - Existing Efficient/LED Fixture	3	20	4410	-	0	0.1	0.1	0.0	265	265	0	0%	0
3066	Ridley Creek State Park	EXTERIOR	Comfort Station #15	EXTERIOR	Exterior - Dusk to Dawn	Wall Pack LED 20W	2	20	4368	No Action - Existing Efficient/LED Fixture	2	20	4368	-	0	0.0	0.0	0.0	175	175	0	25%	0
3067	Ridley Creek State Park		Comfort Station #15	MENS RESTROOM	Comfort Stations & Secluded Restrooms	Drum LED 20W	3	20	4410	No Action - Existing Efficient/LED Fixture	3	20	4410	-	0	0.1	0.1	0.0	265	265	0	0%	0
3068	Ridley Creek State Park		Comfort Station #15	WOMENS RESTROOM	Comfort Stations & Secluded Restrooms	Drum LED 20W	3	20	4410	No Action - Existing Efficient/LED Fixture	3	20	4410	-	0	0.1	0.1	0.0	265	265	0	0%	0
3069	Ridley Creek State Park	EXTERIOR	Comfort Station #16	EXTERIOR	Exterior - Dusk to Dawn	Wall Pack LED 20W	2	20	4368	No Action - Existing Efficient/LED Fixture	2	20	4368	-	0	0.0	0.0	0.0	175	175	0	25%	0
3070	Ridley Creek State Park		Comfort Station #16	MENS RESTROOM	Comfort Stations & Secluded Restrooms	Drum LED 20W	3	20	4410	No Action - Existing Efficient/LED Fixture	3	20	4410	-	0	0.1	0.1	0.0	265	265	0	0%	0
3071	Ridley Creek State Park		Comfort Station #16	WOMENS RESTROOM	Comfort Stations & Secluded Restrooms	Drum LED 20W	3	20	4410	No Action - Existing Efficient/LED Fixture	3	20	4410	-	0	0.1	0.1	0.0	265	265	0	0%	0
3072	Ridley Creek State Park	EXTERIOR	Comfort Station #17	EXTERIOR	Exterior - Dusk to Dawn	Wall Pack LED 20W	2	20	4368	No Action - Existing Efficient/LED Fixture	2	20	4368	-	0	0.0	0.0	0.0	175	175	0	25%	0
3073	Ridley Creek State Park		Comfort Station #17	MENS RESTROOM	Comfort Stations & Secluded Restrooms	Drum LED 20W	3	20	4410	No Action - Existing Efficient/LED Fixture	3	20	4410	-	0	0.1	0.1	0.0	265	265	0	0%	0
3074	Ridley Creek State Park		Comfort Station #17	WOMENS RESTROOM	Comfort Stations & Secluded Restrooms	Drum LED 20W	3	20	4410	No Action - Existing Efficient/LED Fixture	3	20	4410	-	0	0.1	0.1	0.0	265	265	0	0%	0
3075	Ridley Creek State Park	EXTERIOR	Comfort Station #3	EXTERIOR	Exterior - Dusk to Dawn	Wall Pack LED 20W	2	20	4368	No Action - Existing Efficient/LED Fixture	2	20	4368	-	0	0.0	0.0	0.0	175	175	0	25%	0
3076	Ridley Creek State Park		Comfort Station #3	MENS RESTROOM	Comfort Stations & Secluded Restrooms	Drum LED 20W	3	20	4410	No Action - Existing Efficient/LED Fixture	3	20	4410	-	0	0.1	0.1	0.0	265	265	0	0%	0
3077	Ridley Creek State Park		Comfort Station #3	WOMENS RESTROOM	Comfort Stations & Secluded Restrooms	Drum LED 20W	3	20	4410	No Action - Existing Efficient/LED Fixture	3	20	4410	-	0	0.1	0.1	0.0	265	265	0	0%	0
3078	Ridley Creek State Park	EXTERIOR	Comfort Station #3	EXTERIOR	Exterior - Dusk to Dawn	Wall Pack LED 20W	2	20	4368	No Action - Existing Efficient/LED Fixture	2	20	4368	-	0	0.0	0.0	0.0	175	175	0	25%	0
3079	Ridley Creek State Park		Comfort Station #7	MENS RESTROOM	Comfort Stations & Secluded Restrooms	Drum LED 20W	3	20	4410	No Action - Existing Efficient/LED Fixture	3	20	4410	-	0	0.1	0.1	0.0	265	265	0	0%	0
3080	Ridley Creek State Park		Comfort Station #7	WOMENS RESTROOM	Comfort Stations & Secluded Restrooms	Drum LED 20W	3	20	4410	No Action - Existing Efficient/LED Fixture	3	20	4410	-	0	0.1	0.1	0.0	265	265	0	0%	0
3081	Ridley Creek State Park	EXTERIOR	Comfort Station #7	EXTERIOR	Exterior - Dusk to Dawn	Wall Pack LED 20W	2	20	4368	No Action - Existing Efficient/LED Fixture	2	20	4368	-	0	0.0	0.0	0.0	175	175	0	25%	0
3082	Ridley Creek State Park		Comfort Station #8	MENS RESTROOM	Comfort Stations & Secluded Restrooms	Drum LED 20W	3	20	4410	No Action - Existing Efficient/LED Fixture	3	20	4410	-	0	0.1	0.1	0.0	265	265	0	0%	0
3083	Ridley Creek State Park		Comfort Station #8	WOMENS RESTROOM	Comfort Stations & Secluded Restrooms	Drum LED 20W	3	20	4410	No Action - Existing Efficient/LED Fixture	3	20	4410	-	0	0.1	0.1	0.0	265	265	0	0%	0
3084	Ridley Creek State Park	EXTERIOR	Comfort Station #8	EXTERIOR	Exterior - Dusk to Dawn	Wall Pack LED 20W	2	20	4368	No Action - Existing Efficient/LED Fixture	2	20	4368	-	0	0.0	0.0	0.0	175	175	0	25%	0
3085	Ridley Creek State Park		Comfort Station #9	MENS RESTROOM	Comfort Stations & Secluded Restrooms	Drum LED 20W	3	20	4410	No Action - Existing Efficient/LED Fixture	3	20	4410	-	0	0.1	0.1	0.0	265	265	0	0%	0
3086	Ridley Creek State Park		Comfort Station #9	WOMENS RESTROOM	Comfort Stations & Secluded Restrooms	Drum LED 20W	3	20	4410	No Action - Existing Efficient/LED Fixture	3	20	4410	-	0	0.1	0.1	0.0	265	265	0	0%	0
3087	Ridley Creek State Park	EXTERIOR	Comfort Station #9	EXTERIOR	Exterior - Dusk to Dawn	Wall Pack LED 20W	2	20	4368	No Action - Existing Efficient/LED Fixture	2	20	4368	-	0	0.0	0.0	0.0	175	175	0	25%	0
3088	Tobyhanna State Park	EXTERIOR	PARK OFFICE	EXTERIOR	Exterior - Dusk to Dawn	Lantern Inc 60W A	1	60	4368	LED 9W A19 Replacement	1	10	4368	-	0	0.0	0.0	0.0	262	41	221	25%	0
3089	Tobyhanna State Park	EXTERIOR	PARK OFFICE	BACK	Exterior - Dusk to Dawn	Jelly Jar LED 9W A	1	9															

3128	Tobyhanna State Park	EXTERIOR	MAINTENANCE CARPENTER SHOP	EXTERIOR	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
3129	Tobyhanna State Park	EXTERIOR	MAINTENANCE OPEN BAY SHED	EXTERIOR	Exterior - Dusk to Dawn	RLM Inc 60W A	2	60	4368	LED 9W A19 Replacement	2	10	4368	-	0	0.0	0.0	0.0	524	83	441	25%	0
3130	Tobyhanna State Park	EXTERIOR	MAINTENANCE OPEN BAY SHED	EXTERIOR	Exterior - Dusk to Dawn	Barnlight LED 55W	2	55	4368	No Action - Existing Efficient/LED Fixture	2	55	4368	-	0	0.0	0.0	0.0	480	157	673	25%	0
3131	Tobyhanna State Park		MAINTENANCE OPEN BAY SHED	ENCLOSED SIDE OF BUILDING	Maintenance & Garages	4' Wrap BP 4L	4	144	2350	RT, 4' 10.5W DE LED 4L	4	42	2350	-	0	0.6	0.2	0.4	1,354	395	959	25%	0
3132	Tobyhanna State Park		MAINTENANCE OPEN BAY SHED	ENCLOSED SIDE OF BUILDING	Maintenance & Garages	RLM Inc 60W A	1	60	2350	LED 9W A19 Replacement	1	10	2350	-	0	0.1	0.0	0.1	141	22	119	25%	0
3133	Tobyhanna State Park		MAINTENANCE SHOP	BREAK ROOM	Maintenance & Garages	4' Wrap BP 4L	6	144	2350	RT, 4' 10.5W DE LED 4L	6	42	2350	-	0	0.9	0.3	0.6	2,030	592	1,438	25%	0
3134	Tobyhanna State Park		MAINTENANCE SHOP	OFFICE	Maintenance & Garages	4' Wrap BP 3L 32W T8	2	89	2350	RT, 4' 10.5W DE LED 3L	2	32	2350	-	0	0.2	0.1	0.1	418	148	270	25%	0
3135	Tobyhanna State Park		MAINTENANCE SHOP	RESTROOM	Restroom	4' Wrap BP 3L 32W T8	1	89	3500	RT, 4' 10.5W DE LED 3L	1	32	3500	-	0	0.1	0.0	0.1	312	110	201	25%	0
3136	Tobyhanna State Park		MAINTENANCE SHOP	RESTROOM	Restroom	Rec Sq, Inc 60W A	1	60	3500	LED 9W A19 Replacement	1	10	3500	-	0	0.1	0.0	0.1	210	33	177	25%	0
3137	Tobyhanna State Park		MAINTENANCE SHOP	STORAGE BAY	Storage Room	4' Wrap BP 4L	6	144	527	RT, 4' 10.5W DE LED 4L	6	42	527	-	0	0.9	0.3	0.6	455	133	323	25%	0
3138	Tobyhanna State Park		MAINTENANCE SHOP	UPPER STORAGE	Storage Room	4' Wrap BP 4L	4	144	527	RT, 4' 10.5W DE LED 4L	4	42	527	-	0	0.6	0.2	0.4	304	89	215	25%	0
3139	Tobyhanna State Park		MAINTENANCE SHOP	LOWER STORAGE	Storage Room	4' Wrap BP 4L	4	144	527	RT, 4' 10.5W DE LED 4L	4	42	527	-	0	0.6	0.2	0.4	304	89	215	25%	0
3140	Tobyhanna State Park	EXTERIOR	MAINTENANCE SHOP	LEFT	Exterior - Dusk to Dawn	Flood Hal 65W PAR38 2L	1	130	4368	LED 13W PAR38 Replacement 2L	1	26	4368	-	0	0.0	0.0	0.0	568	114	454	25%	0
3141	Tobyhanna State Park	EXTERIOR	MAINTENANCE SHOP	POLE	Exterior - Dusk to Dawn	Barnlight MH 150W	1	190	4368	Barnlight LED 4 kLm PC	1	36	4368	-	0	0.0	0.0	0.0	830	157	673	25%	0
3142	Tobyhanna State Park		MAINTENANCE AUTO SHOP	MAINTENANCE AUTO SHOP	Maintenance & Garages	4' Strip BP 2L	5	72	2350	RT, 4' 10.5W DE LED 2L	5	21	2350	-	0	0.4	0.1	0.3	846	247	599	25%	0
3143	Tobyhanna State Park		MAINTENANCE AUTO SHOP	MAINTENANCE AUTO SHOP	Maintenance & Garages	4' Strip BP 2L 32W T8	5	59	2350	RT, 4' 10.5W DE LED 2L	5	21	2350	-	0	0.3	0.1	0.2	693	247	446	25%	0
3144	Tobyhanna State Park		MAINTENANCE AUTO SHOP	MAINTENANCE AUTO SHOP	Maintenance & Garages	4' Wrap BP 4L	4	144	2350	RT, 4' 10.5W DE LED 4L	4	42	2350	-	0	0.6	0.2	0.4	1,354	395	959	25%	0
3145	Tobyhanna State Park		MAINTENANCE AUTO SHOP	STORAGE BAY	Storage Room	4' Strip LED 30W	2	30	527	No Action - Existing Efficient/LED Fixture	2	30	527	-	0	0.1	0.1	0.0	32	32	0	25%	0
3146	Tobyhanna State Park	EXTERIOR	MAINTENANCE AUTO SHOP	POLE BY FRONT ENTRANCE	Exterior - Dusk to Dawn	Barnlight LED 55W	1	55	4368	No Action - Existing Efficient/LED Fixture	1	55	4368	-	0	0.0	0.0	0.0	240	240	0	25%	0
3147	Tobyhanna State Park	EXTERIOR	PARK RESIDENCE	EXTERIOR	Exterior - Switch	Lantern LED 9W A	1	9	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	9	10	-1	0%	0
3148	Tobyhanna State Park	EXTERIOR	PARK RESIDENCE	EXTERIOR	Exterior - Switch	Flood Hal 65W PAR38	1	65	1000	LED 13W PAR38 Replacement	1	13	1000	-	0	0.0	0.0	0.0	65	13	52	0%	0
3149	Tobyhanna State Park	EXTERIOR	PARK RESIDENCE	EXTERIOR	Exterior - Switch	Keyless CFL 23W Screw in	1	23	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	23	10	14	0%	0
3150	Tobyhanna State Park	EXTERIOR	PARK RESIDENCE	EXTERIOR	Exterior - Switch	Flood Hal 65W PAR38	1	65	1000	LED 13W PAR38 Replacement	1	13	1000	-	0	0.0	0.0	0.0	65	13	52	0%	0
3151	Tobyhanna State Park	EXTERIOR	PARK RESIDENCE	BACK	Exterior - Switch	Flood CFL 23W Screw In 2L	1	46	1000	LED 13W PAR38 Replacement 2L	1	26	1000	-	0	0.0	0.0	0.0	46	26	20	0%	0
3152	Tobyhanna State Park		PARK RESIDENCE	INTERIOR	Residence - Living Room	Keyless LED 9W A	12	9	2912	LED 9W A19 Replacement	12	10	2912	-	0	0.1	0.1	0.0	314	332	-17	25%	0
3153	Tobyhanna State Park		PARK RESIDENCE	BASEMENT	Residence - Living Room	2X4 Flat Panel Rec LED 30W	4	30	2912	No Action - Existing Efficient/LED Fixture	4	30	2912	-	0	0.1	0.1	0.0	349	349	0	25%	0
3154	Tobyhanna State Park		PARK RESIDENCE	MECHANICAL	Mechanical/Electrical Room	4' Strip BP 2L	2	72	520	RT, 4' 10.5W DE LED 2L	2	21	520	-	0	0.1	0.0	0.1	75	22	53	0%	0
3155	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 1	MECHANICAL	Mechanical/Electrical Room	4' Vaportight BP 2L 32W T8	2	59	520	RT, 4' 10.5W DE LED 2L	2	21	520	-	0	0.1	0.0	0.1	61	22	40	0%	0
3156	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 1	FAMILY SHOWER	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 26W 4P	3	27	4410	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	3	9	4410	-	0	0.1	0.0	0.1	357	119	238	0%	0
3157	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 1	FAMILY SHOWER	Comfort Stations & Secluded Restrooms	4' Direct/Indirect BP 1L 32W T8	1	31	4410	RT, 4' 10.5W DE LED 1L	1	11	4410	-	0	0.0	0.0	0.0	137	46	90	0%	0
3158	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 1	FAMILY SHOWER	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
3159	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 1	LAUNDRY	Comfort Stations & Secluded Restrooms	4' Vaportight BP 2L 32W T8	2	59	4410	RT, 4' 10.5W DE LED 2L	2	21	4410	-	0	0.1	0.0	0.1	520	185	335	0%	0
3160	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 1	MENS SHOWER	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 26W 4P	6	27	4410	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	6	9	4410	-	0	0.2	0.1	0.1	714	238	476	0%	0
3161	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 1	MENS SHOWER	Comfort Stations & Secluded Restrooms	8' Direct/Indirect BP 2L 32W T8	1	59	4410	RT, 4' 10.5W DE LED 2L	1	21	4410	-	0	0.1	0.0	0.0	260	93	168	0%	0
3162	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 1	MENS SHOWER	Comfort Stations & Secluded Restrooms	4' Direct/Indirect BP 1L 32W T8	1	31	4410	RT, 4' 10.5W DE LED 1L	1	11	4410	-	0	0.0	0.0	0.0	137	46	90	0%	0
3163	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 1	MENS SHOWER	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
3164	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 1	MENS SHOWER	Exit Signs/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
3165	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 1	WOMENS SHOWER	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 26W 4P	6	27	4410	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	6	9	4410	-	0	0.2	0.1	0.1	714	238	476	0%	0
3166	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 1	WOMENS SHOWER	Comfort Stations & Secluded Restrooms	8' Direct/Indirect BP 2L 32W T8	1	59	4410	RT, 4' 10.5W DE LED 2L	1	21	4410	-	0	0.1	0.0	0.0	260	93	168	0%	0
3167	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 1	WOMENS SHOWER	Comfort Stations & Secluded Restrooms	4' Direct/Indirect BP 1L 32W T8	1	31	4410	RT, 4' 10.5W DE LED 1L	1	11	4410	-	0	0.0	0.0	0.0	137	46	90	0%	0
3168	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 1	WOMENS SHOWER	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
3169	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 1	WOMENS SHOWER	Exit Signs/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
3170	Tobyhanna State Park	EXTERIOR	CAMPGROUND SHOWERHOUSE 1	EXTERIOR	Exterior - Dusk to Dawn	7" Rec Can MH 100W	5	128	4368	RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm	5	13	4368	-	0	0.0	0.0	0.0	2,796	284	2,512	25%	0
3171	Tobyhanna State Park	EXTERIOR	CAMPGROUND SHOWERHOUSE 1	EXTERIOR	Emergency Only	Emergency Fixture	3	0	0	No Action - Emergency Use Only	3	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
3172	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 1	PIPECHASE	Mechanical/Electrical Room	4' Vaportight BP 2L 32W T8	2	59	520	RT, 4' 10.5W DE LED 2L	2	21	520	-	0	0.1	0.0	0.1	61	22	40	0%	0
3173	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 2-copied	MECHANICAL	Mechanical/Electrical Room	4' Vaportight BP 2L 32W T8	2	59	520	RT, 4' 10.5W DE LED 2L	2	21	520	-	0	0.1	0.0	0.1	61	22	40	0%	0
3174	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 2-copied	FAMILY SHOWER	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 26W 4P	3	27	4410	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	3	9	4410	-	0	0.1	0.0	0.1	357	119	238	0%	0
3175	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 2-copied	FAMILY SHOWER	Comfort Stations & Secluded Restrooms	4' Direct/Indirect BP 1L 32W T8	1	31	4410	RT, 4' 10.5W DE LED 1L	1	11	4410	-	0	0.0	0.0	0.0	137	46	90	0%	0
3176	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 2-copied	FAMILY SHOWER	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
3177	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 2-copied	LAUNDRY	Comfort Stations & Secluded Restrooms	4' Vaportight BP 2L 32W T8	2	59	4410	RT, 4' 10.5W DE LED 2L	2	21	4410	-	0	0.1	0.0	0.1	520	185	335	0%	0
3178	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 2-copied	MENS SHOWER	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 26W 4P	6	27	4410	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	6	9	4410	-	0	0.2	0.1	0.1	714	238	476	0%	0
3179	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 2-copied	MENS SHOWER	Comfort Stations & Secluded Restrooms	8' Direct/Indirect BP 2L 32W T8	1	59	4410	RT, 4' 10.5W DE LED 2L	1	21	4410	-	0	0.1	0.0	0.0	260	93	168	0%	0
3180	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 2-copied	MENS SHOWER	Comfort Stations & Secluded Restrooms	4' Direct/Indirect BP 1L 32W T8	1	31	4410	RT, 4' 10.5W DE LED 1L	1	11	4410	-	0	0.0	0.0	0.0	137	46	90	0%	0
3181	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 2-copied	MENS SHOWER	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
3182	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 2-copied	MENS SHOWER	Exit Signs/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
3183	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 2-copied	WOMENS SHOWER	Comfort Stations & Secluded Restrooms	6" Rec Can CFL 26W 4P	6	27	4410	RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	6	9	4410	-	0	0.2	0.1	0.1	714	238	476	0%	0
3184	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 2-copied	WOMENS SHOWER	Comfort Stations & Secluded Restrooms	8' Direct/Indirect BP 2L 32W T8	1	59	4410	RT, 4' 10.5W DE LED 2L	1	21	4410	-	0	0.1	0.0	0.0	260	93	168	0%	0
3185	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 2-copied	WOMENS SHOWER	Comfort Stations & Secluded Restrooms	4' Direct/Indirect BP 1L 32W T8	1	31	4410	RT, 4' 10.5W DE LED 1L	1	11	4410	-	0	0.0	0.0	0.0	137	46	90	0%	0
3186	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 2-copied	WOMENS SHOWER	Emergency Only	Emergency Fixture	1	0	0	No Action - Emergency Use Only	1	0	0	-	0	0.0	0.0	0.0	0	0	0	0%	0
3187	Tobyhanna State Park		CAMPGROUND SHOWERHOUSE 2-copied	WOMENS SHOWER	Exit Signs/Night Lights	Exit Sign LED	1	3	8760	No Action - Existing Efficient/LED Fixture	1	3	8760	-	0	0.0	0.0	0.0	26	26	0	0%	0
3188	Tobyhanna State Park	EXTERIOR	CAMPGROUND SHOWERHOUSE 2-copied	EXTERIOR	Exterior																		

3209	Tobyhanna State Park		Beach House	BEDROOM	Residential	Drum CFL 13W Screw In 2L	1	26	1000	LED 9W A19 Replacement 2L	1	19	1000	-	0	0.0	0.0	0.0	26	19	7	25%	0
3210	Tobyhanna State Park		Beach House	ATTIC	Residential	Keyless Inc 100W A	1	100	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.1	0.0	0.1	100	10	91	25%	0
3211	Tobyhanna State Park		Beach House	BASEMENT	Residential	Keyless LED 9W A	2	9	1000	LED 9W A19 Replacement	2	10	1000	-	0	0.0	0.0	0.0	18	19	-1	25%	0
3212	Tobyhanna State Park		Beach House	WASH ROOM	Residential	6" Rec Can LED 12W	4	12	1000	No Action - Existing Efficient/LED Fixture	4	12	1000	-	0	0.0	0.0	0.0	48	48	0	25%	0
3213	Tobyhanna State Park		Beach House	1ST BATH ROOM	Residential	6" Rec Can LED 12W	2	12	1000	No Action - Existing Efficient/LED Fixture	2	12	1000	-	0	0.0	0.0	0.0	24	24	0	25%	0
3214	Tobyhanna State Park		Beach House	1ST BATH ROOM	Residential	Ceiling Fan LED 9W A	1	9	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	9	10	-1	25%	0
3215	Tobyhanna State Park		Beach House	1ST BATH ROOM	Residential	Vanity LED 5W G25 4L	1	20	1000	LED 6W G25 E26 Replacement 5L	1	30	1000	-	0	0.0	0.0	0.0	20	30	-10	25%	0
3216	Tobyhanna State Park		Beach House	1ST BEDROOM MASTER	Residential	Ceiling Fan LED 5W C10 2L	1	10	1000	LED 5.5W B11 E12 Replacement 2L	1	11	1000	-	0	0.0	0.0	0.0	10	11	-1	25%	0
3217	Tobyhanna State Park		Beach House	EXTERIOR	Residential	Jelly Jar CFL 13W Screw In	1	13	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.0	0.0	0.0	13	10	4	25%	0
3218	Tobyhanna State Park		Beach House	EXTERIOR	Residential	Lantern Inc 60W A	1	60	1000	LED 9W A19 Replacement	1	10	1000	-	0	0.1	0.0	0.1	60	10	51	25%	0
3219	Tobyhanna State Park		Pole Barn One 420-22	SHOP	Maintenance & Garages	4' Wrap BP 4L 32W T8	7	112	2350	RT, 4' 10.5W DE LED 4L	7	42	2350	-	0	0.8	0.3	0.5	1,842	691	1,151	25%	0
3220	Tobyhanna State Park		Pole Barn One 420-22	BENCH	Maintenance & Garages	2X4 Prism Rec 4L 32W T8	2	112	2350	RT, 4' 10.5W DE LED 4L	2	42	2350	-	0	0.2	0.1	0.1	526	197	329	25%	0
3221	Tobyhanna State Park		Pole Barn One 420-22	STORAGE BAY	Maintenance & Garages	Keyless LED 15W A	9	15	2350	LED 9W A19 Replacement	9	10	2350	-	0	0.1	0.1	0.0	317	201	116	25%	0
3222	Tobyhanna State Park	EXTERIOR	Pole Barn One 420-22	EXTERIOR	Exterior - Dusk to Dawn	Wall Pack LED 14W	2	14	4368	No Action - Existing Efficient/LED Fixture	2	14	4368	-	0	0.0	0.0	0.0	122	122	0	25%	0
3223	Tobyhanna State Park	EXTERIOR	Pole Barn One 420-22	EXTERIOR	Exterior - Dusk to Dawn	Flood CFL 13W Screw In 2L	1	26	4368	LED 13W PAR38 Replacement 2L	1	26	4368	-	0	0.0	0.0	0.0	114	114	0	25%	0
3224	Tobyhanna State Park		Pole Barn Two 420-24	SHOP	Maintenance & Garages	4' Wrap BP 4L 32W T8	7	112	2350	RT, 4' 10.5W DE LED 4L	7	42	2350	-	0	0.8	0.3	0.5	1,842	691	1,151	25%	0
3225	Tobyhanna State Park		Pole Barn Two 420-24	BENCH	Maintenance & Garages	2X4 Prism Rec 4L 32W T8	2	112	2350	RT, 4' 10.5W DE LED 4L	2	42	2350	-	0	0.2	0.1	0.1	526	197	329	25%	0
3226	Tobyhanna State Park		Pole Barn Two 420-24	STORAGE BAY	Storage Room	Keyless LED 15W A	9	15	527	LED 9W A19 Replacement	9	10	527	-	0	0.1	0.1	0.0	71	45	26	25%	0
3227	Tobyhanna State Park	EXTERIOR	Pole Barn Two 420-24	EXTERIOR	Exterior - Dusk to Dawn	Wall Pack LED 14W	2	14	4368	No Action - Existing Efficient/LED Fixture	2	14	4368	-	0	0.0	0.0	0.0	122	122	0	25%	0
3228	Tobyhanna State Park	EXTERIOR	Pole Barn Two 420-24	EXTERIOR	Exterior - Dusk to Dawn	Flood CFL 13W Screw In 2L	1	26	4368	LED 13W PAR38 Replacement 2L	1	26	4368	-	0	0.0	0.0	0.0	114	114	0	25%	0
3229	Tobyhanna State Park		Residence Shed 420-21	SHED	Storage Room	RLM CFL 23W Screw In	2	23	527	LED 9W A19 Replacement	2	10	527	-	0	0.0	0.0	0.0	24	10	14	25%	0
<b>Totals</b>							<b>8,468</b>				<b>8,468</b>			<b>0</b>	<b>386.1</b>	<b>139.3</b>	<b>246.9</b>	<b>1,257,692</b>	<b>429,072</b>	<b>828,620</b>		<b>0</b>	

Row Labels	Sum of Quantity2
<b>Beltzville State Park</b>	
Canopy LED 2 kLm	12
Exit Sign LED BB	3
Flood LED 2.1 kLm UNV	4
LED 10W PAR30 Replacement	4
LED 13W PAR38 Replacement	12
LED 13W PAR38 Replacement 2L	6
LED 6W G25 E26 Replacement 2L	3
LED 9W A19 Replacement	65
LED 9W A19 Replacement 2L	2
LED 9W A19 Replacement 3L	2
No Action - Emergency Use Only	2
No Action - Existing Efficient/LED Fixture	26
RT, 2' 7W DE LED 2L	1
RT, 2' 7W DE LED 2L, 2x2 Refl Kit	2
RT, 4' 10.5W DE LED 2L	163
RT, 4' 10.5W DE LED 3L	9
RT, 4' 10.5W DE LED 4L	47
Wall Pack LED SEC 2.5 kLm PC	5
<b>French Creek State Park</b>	
Area LED 9.8 kLm	5
Barnlight LED 4 kLm PC	1
Canopy LED 2 kLm	2
Exit Sign LED BB	3
Flood LED 2.1 kLm UNV	6
Flood LED 4.9 kLm UNV	4
High Bay LED 17.7 kLm	8
LED 10W PAR30 Replacement	4
LED 13W PAR38 Replacement	3
LED 13W PAR38 Replacement 2L	12
LED 14W A21 Retrofit	28
LED 35W A25 Replacement	8
LED 5.5W B11 E12 Replacement 4L	16
LED 6W G25 E26 Replacement 2L	3
LED 6W G25 E26 Replacement 5L	5
LED 6W MR16 Replacement	17
LED 9W A19 Replacement	476
LED 9W A19 Replacement 2L	50
LED 9W A19 Replacement 3L	8
LED 9W A19 Replacement 4L	61
No Action	16
No Action - Emergency Use Only	52
No Action - Existing Efficient/LED Fixture	114
RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	2
RC LED Retrofit Kit 2000 Lm 8" Adj. 1000 Lm	2



RC LED Retrofit Kit 2000 Lm 8" Adj. 1000 Lm BB	3
RC LED Retrofit Kit 2000 Lm 8" Adj. 1500 Lm	20
RC LED Retrofit Kit 2000 Lm 8" Adj. 1500 Lm BB	3
RT, 2' 7W DE LED 2L	8
RT, 2' 7W DE LED 2L, 2x2 Refl Kit	2
RT, 4' 10.5W DE LED 2L	461
RT, 4' 10.5W DE LED 4L	70
RT, 4' 10.5W DE LED 4L, 8' REFL Kit	6
RT, LED 17W 4P 2G11 2L	6
RT, LED 6W 2P GX23 Omni	34
RT, LED 8W 2P G24D/Q Omni	4
RT, LED 8W 2P G24D/Q Omni 2L	8
Wall Pack LED CO 1.8 kLm	4
Wall Pack LED FC 5 kLm	4
Wall Pack LED FC 7 kLm	3
Wall Pack LED SEC 2.5 kLm PC	23

### Jacobsburg Environmental Center

4' Industrial 4' 10.5W LED 2L	12
Area LED 9.8 kLm TN	10
Barnlight LED 4 kLm PC	1
Exit Sign LED BB	4
Flood LED 2.1 kLm UNV	13
LED 13W PAR38 Replacement	5
LED 13W PAR38 Replacement 2L	7
LED 14W A21 Retrofit	20
LED 35W A25 Retrofit	1
LED 5.5W B11 E12 Replacement 4L	2
LED 6W G25 E26 Replacement 3L	1
LED 9W A19 Replacement	112
LED 9W A19 Replacement 2L	15
LED 9W A19 Replacement 3L	2
LED 9W A19 Replacement 4L	13
No Action - Emergency Use Only	27
No Action - Existing Efficient/LED Fixture	60
RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	36
RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm	2
RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm BB	3
RT, 18" 7W SE LED 1L	1
RT, 2' 7W DE LED 1L	9
RT, 2' 7W DE LED 2L	27
RT, 2' 7W DE LED 2L, 2x2 Refl Kit	2
RT, 4' 10.5W DE LED 1L	1
RT, 4' 10.5W DE LED 2L	53
RT, 4' 10.5W DE LED 4L	33
RT, 4' 25W DE LED T5HO 1L	15
RT, 4' 25W DE LED T5HO 2L	15

RT, 4' 25W DE LED T5HO 4L	18
RT, LED 17W 4P 2G11 2L	39
Wall Pack LED CO 1.8 kLm	2
Wall Pack LED FC 7 kLm	8
Wall Pack LED SEC 2.5 kLm PC	8

### Lackawanna State Park

Exit Sign LED BB	3
Flood LED 2.1 kLm UNV	4
LED 10W PAR30 Replacement	16
LED 13W PAR38 Replacement	19
LED 13W PAR38 Replacement 2L	8
LED 14W A21 Retrofit	4
LED 35W A25 Replacement	8
LED 5.5W B11 E12 Replacement 2L	1
LED 5.5W B11 E12 Replacement 5L	1
LED 6W G25 E26 Replacement 5L	1
LED 6W MR16 Replacement	12
LED 9W A19 Replacement	238
LED 9W A19 Replacement 2L	7
LED 9W A19 Replacement 3L	3
LED 9W A19 Replacement 4L	3
No Action	4
No Action - Emergency Use Only	66
No Action - Existing Efficient/LED Fixture	60
RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	90
RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm	40
RC LED Retrofit Kit 2000 Lm 8" Adj. 1000 Lm	2
RT, 2' 7W DE LED 1L	3
RT, 2' 7W DE LED 2L	8
RT, 2' 7W DE LED 2L, 2x2 Refl Kit	2
RT, 2' 9W DE LED T5 1L	7
RT, 2' 9W DE LED T5 2L	3
RT, 4' 10.5W DE LED 1L	34
RT, 4' 10.5W DE LED 2L	158
RT, 4' 10.5W DE LED 4L	51
RT, 4' 13W DE LED T5 1L	25
RT, 4' 13W DE LED T5 2L	83
RT, LED 10W 4P 2G11 2L	6
Wall Pack LED FC 7 kLm	1
Wall Pack LED SEC 2.5 kLm PC	14

### Loyalsock State Forest

Area LED 9.8 kLm	18
High Bay LED 17.7 kLm	6
LED 10W PAR30 Replacement	8
LED 13W PAR38 Replacement	1
LED 13W PAR38 Replacement 2L	1
LED 5.5W B11 E12 Replacement 2L	1

LED 5.5W B11 E12 Replacement 5L	1
LED 6W G25 E26 Replacement 5L	1
LED 6W MR16 Replacement 2L	1
LED 7.5W R20 Replacement	16
LED 9W A19 Replacement	66
LED 9W A19 Replacement 2L	4
No Action	15
No Action - Emergency Use Only	7
No Action - Existing Efficient/LED Fixture	40
RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm	25
RT, 2' 7W DE LED 2L	15
RT, 4' 10.5W DE LED 1L	5
RT, 4' 10.5W DE LED 2L	65
RT, 4' 10.5W DE LED 4L	7
RT, 4' 10.5W DE LED 4L, 8' REFL Kit	35
RT, 4' 13W DE LED T5 1L	32
RT, 4' 13W DE LED T5 2L	47
RT, 4' 13W DE LED T5 4L	17
RT, LED 10W 4P 2G11 2L	3
RT, LED 10W 4P 2G11 3L	3
RT, LED 10W 4P 2G11 6L	8
Wall Pack LED CO 1.8 kLm BB	11
Wall Pack LED SEC 2.5 kLm PC	7

### Nescopeck State Park

Area LED 9.8 kLm	2
LED 10W PAR30 Replacement	4
LED 13W PAR38 Replacement	48
LED 13W PAR38 Replacement 2L	4
LED 5.5W B11 E12 Replacement 2L	3
LED 5.5W B11 E12 Replacement 5L	3
LED 6W G25 E26 Replacement 5L	3
LED 7.5W R20 Replacement	3
LED 9W A19 Replacement	78
LED 9W A19 Replacement 2L	18
LED 9W A19 Replacement 4L	6
No Action - Existing Efficient/LED Fixture	74
RC LED Retrofit Kit 2000 Lm 8" Adj. 1500 Lm	7
RC LED Retrofit Kit 3200 Lm 9.5" Adj. 2000 Lm	30
RT, 2' 7W DE LED 1L	6
RT, 2' 7W DE LED 2L	3
RT, 3' 12W DE LED 2L	6
RT, 4' 10.5W DE LED 1L	1
RT, 4' 10.5W DE LED 2L	49
RT, 4' 18.5W DE LED 6L	3
RT, LED 17W 4P 2G11 2L	10
RT, LED 17W 4P 2G11 2L BB	3
RT, LED 17W 4P 2G11 3L	28

RT, LED 8W 2P G24D/Q Omni	3
Wall Pack LED SEC 2.5 kLm PC	11

### **Neshaminy State Park**

Area LED 9.8 kLm TN	1
Barnlight LED 4 kLm PC	6
Exit Sign LED BB	6
Flood LED 2.1 kLm UNV	2
High Bay LED 11.8 kLm	7
LED 13W PAR38 Replacement	2
LED 13W PAR38 Replacement 2L	2
LED 35W A25 Replacement	8
LED 9W A19 Replacement	119
LED 9W A19 Replacement 2L	5
LED 9W A19 Replacement 3L	5
LED ED17 Omni Retrofit 3 kLm Med Base, XP	1
No Action	3
No Action - Emergency Use Only	3
No Action - Existing Efficient/LED Fixture	136
RT, 18" 7W SE LED 1L	1
RT, 3' 12W DE LED 1L	1
RT, 4' 10.5W DE LED 2L	122
RT, 4' 10.5W DE LED 4L	10
RT, LED 6W 2P GX23 Omni	2
Wall Pack LED FC 5 kLm	9
Wall Pack LED FC 7 kLm	3
Wall Pack LED SEC 2.5 kLm PC	14

### **Nolde Forest Environmental Center**

4' Vaportight 4' 10.5W LED 2L	2
Area LED 9.8 kLm	4
Area LED 9.8 kLm TN	6
Barnlight LED 4 kLm PC	2
LED 10W PAR30 Replacement	16
LED 13W PAR38 Replacement	1
LED 13W PAR38 Replacement 2L	3
LED 5.5W B11 E12 Replacement	10
LED 5.5W B11 E12 Replacement 6L	2
LED 6W MR16 Replacement	27
LED 7.5W R20 Replacement	33
LED 9W A19 Replacement	245
LED 9W A19 Replacement 2L	14
LED 9W A19 Replacement 3L	1
LED 9W A19 Replacement 4L	9
LED 9W A19 Replacement 5L	1
No Action	1
No Action - Emergency Use Only	4
No Action - Existing Efficient/LED Fixture	47
RT, 2' 7W DE LED 1L	3

RT, 2' 7W DE LED 2L	1
RT, 2' 7W DE LED 2L, 2x2 Refl Kit	27
RT, 3' 12W DE LED 1L	3
RT, 4' 10.5W DE LED 1L	3
RT, 4' 10.5W DE LED 2L	111
RT, 4' 10.5W DE LED 3L	5
RT, 4' 10.5W DE LED 4L	6
Wall Pack LED FC 5 kLm	6
Wall Pack LED SEC 2.5 kLm PC	1

### Promised Land State Park

Exit Sign LED BB	2
Exit Sign LED Combo BB	5
Flood LED 2.1 kLm UNV	9
LED 10W PAR30 Replacement	28
LED 13W PAR38 Replacement 2L	10
LED 5.5W B11 E12 Replacement 2L	2
LED 5.5W B11 E12 Replacement 5L	2
LED 6W G25 E26 Replacement 5L	2
LED 9W A19 Replacement	148
LED 9W A19 Replacement 2L	47
LED 9W A19 Replacement 3L	8
LED 9W A19 Replacement 4L	3
No Action	2
No Action - Emergency Use Only	47
No Action - Existing Efficient/LED Fixture	42
RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	137
RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm	15
RT, 2' 7W DE LED 1L	3
RT, 2' 7W DE LED 2L	1
RT, 3' 12W DE LED 4L	21
RT, 4' 10.5W DE LED 1L	10
RT, 4' 10.5W DE LED 2L	344
RT, 4' 10.5W DE LED 4L	45
RT, LED 17W 4P 2G11 2L	39
RT, LED 6W 2P GX23 Omni	34
Wall Pack LED CO 1.8 kLm	18
Wall Pack LED SEC 2.5 kLm PC	10

### Ridley Creek State Park

Area LED 9.8 kLm TN	4
Drum LED 2000 Lm 13"	3
LED 10W PAR30 Replacement	4
LED 13W PAR38 Replacement 2L	5
LED 5.5W B11 E12 Replacement	30
LED 5.5W B11 E12 Replacement 2L	1
LED 5.5W B11 E12 Replacement 3L	9
LED 5.5W B11 E12 Replacement 5L	3
LED 6W G25 E26 Replacement 5L	1



LED 9W A19 Replacement	107
LED 9W A19 Replacement 2L	14
LED 9W A19 Replacement 3L	3
LED 9W A19 Replacement 4L	3
LED 9W A19 Replacement 6L	1
No Action	2
No Action - Emergency Use Only	20
No Action - Existing Efficient/LED Fixture	157
RT, 2' 7W DE LED 2L	7
RT, 2' 7W DE LED 2L, 2x2 Refl Kit	8
RT, 4' 10.5W DE LED 1L	1
RT, 4' 10.5W DE LED 2L	44
RT, 4' 10.5W DE LED 2L, 8' BC Kit	1
RT, 4' 10.5W DE LED 3L	1
RT, 4' 10.5W DE LED 4L	12
RT, 4' 13W DE LED T5 2L	12
RT, 4' 18.5W DE LED 4L, 8' BC Kit	9
RT, 4' 18.5W DE LED 6L	1
RT, 8' HO 43W DE LED 2L	2
RT, LED 8W 2P G24D/Q H	8
Wall Pack LED SEC 2.5 kLm PC	5

#### **Tobyhanna State Park**

Barnlight LED 4 kLm PC	1
LED 13W PAR38 Replacement	3
LED 13W PAR38 Replacement 2L	4
LED 5.5W B11 E12 Replacement 2L	1
LED 5.5W B11 E12 Replacement 5L	1
LED 6W G25 E26 Replacement 5L	1
LED 9W A19 Replacement	67
LED 9W A19 Replacement 2L	4
No Action - Emergency Use Only	28
No Action - Existing Efficient/LED Fixture	31
RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	38
RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm	15
RT, 4' 10.5W DE LED 1L	9
RT, 4' 10.5W DE LED 2L	73
RT, 4' 10.5W DE LED 3L	12
RT, 4' 10.5W DE LED 4L	51
RT, LED 6W 2P GX23 Omni	14
Wall Pack LED FC 5 kLm	2

#### **Tyler State Park**

Barnlight LED 4 kLm PC	8
Flood LED 2.1 kLm UNV	1
LED 10W PAR30 Replacement	20
LED 13W PAR38 Replacement 2L	7
LED 5.5W B11 E12 Replacement 3L	1
LED 6W MR16 Replacement	12

LED 6W MR16 Replacement 3L	1
LED 7.5W R20 Replacement	39
LED 9W A19 Replacement	86
LED 9W A19 Replacement 2L	7
LED 9W A19 Replacement 4L	3
LED 9W A19 Replacement 5L	4
No Action	13
No Action - Emergency Use Only	6
No Action - Existing Efficient/LED Fixture	31
RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	18
RC LED Retrofit Kit 2000 Lm 8" Adj. 1000 Lm	1
RT, 2' 7W DE LED 1L	3
RT, 2' 7W DE LED 2L	5
RT, 3' 12W DE LED 2L	8
RT, 4' 10.5W DE LED 1L	5
RT, 4' 10.5W DE LED 2L	55
RT, 4' 10.5W DE LED 3L	29
RT, 4' 10.5W DE LED 4L	47
RT, LED 6W 2P GX23 Omni	14
Wall Pack LED CO 1.8 kLm	3
Wall Pack LED SEC 2.5 kLm PC	4

### **Weiser State Forest**

High Bay LED 17.7 kLm	4
LED 10W PAR30 Replacement	5
LED 13W PAR38 Replacement	1
LED 13W PAR38 Replacement 2L	12
LED 13W PAR38 Replacement 3L	1
LED 5.5W B11 E12 Replacement 6L	1
LED 6W A19 Replacement	1
LED 7.5W R20 Replacement	4
LED 9W A19 Replacement	93
LED 9W A19 Replacement 2L	4
LED 9W A19 Replacement 3L	3
LED 9W A19 Replacement 4L	2
LED 9W A19 Replacement 5L	2
No Action	20
No Action - Emergency Use Only	12
No Action - Existing Efficient/LED Fixture	78
RB/RL, D, 2' LED 2L	6
RB/RL, D, 4' LED 2L	2
RB/RL, D, 4' LED 3L	6
RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm	7
RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm BB	1
RT, 18" 7W SE LED 1L	2
RT, 2' 7W DE LED 1L	1
RT, 2' 7W DE LED 2L	22
RT, 3' 12W DE LED 1L	1

RT, 4' 10.5W DE LED 1L	33
RT, 4' 10.5W DE LED 2L	277
RT, 4' 10.5W DE LED 2L BB	8
RT, 4' 10.5W DE LED 3L	10
RT, 4' 10.5W DE LED 4L	69
RT, 4' 10.5W DE LED 4L, 8' BC Kit	5
RT, 4' 10.5W DE LED 4L, 8' REFL Kit	3
RT, 4' 18.5W DE LED 6L	2
RT, LED 6W 2P G24D/Q H	6
RT, LED 8W 2P G24D/Q H	4
RT, LED 8W 2P G24D/Q Omni 4L	12
Undercabinet LED 24"	1
Wall Pack LED CO 1.8 kLm	3
Wall Pack LED FC 5 kLm	6
Wall Pack LED SEC 2.5 kLm PC	11

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**Grand Total** **8468**

## Scope of Work Summary

ECM Code	ECM Description
No Action	No Action (Existing Fixture to Remain "As is")
No Action - Existing Efficient/LED Fixture	No Action (Existing Fixture to Remain "As is")
No Action - Emergency Use Only	No Action (Existing Fixture to Remain "As is")
Exit Sign LED BB	Replace existing fixture with LED Exit Sign, Battery Backup
Exit Sign LED Combo BB	Replace existing fixture with LED Exit Sign / Emergency Light Combo, Battery Backup
LED 6W A19 Replacement	Relamp existing fixture with (1) LED 6W A19 Lamp
LED 9W A19 Replacement	Relamp existing fixture with (1) LED 9.5W A19 Lamp
LED 9W A19 Replacement 2L	Relamp existing fixture with (2) LED 9.5W A19 Lamps
LED 9W A19 Replacement 3L	Relamp existing fixture with (3) LED 9.5W A19 Lamps
LED 9W A19 Replacement 4L	Relamp existing fixture with (4) LED 9.5W A19 Lamps
LED 9W A19 Replacement 5L	Relamp existing fixture with (5) LED 9.5W A19 Lamps
LED 9W A19 Replacement 6L	Relamp existing fixture with (6) LED 9.5W A19 Lamps
LED 35W A25 Replacement	Relamp existing fixture with (1) LED 35W A25 Lamp
LED 6W G25 E26 Replacement 2L	Relamp existing fixture with (2) LED 6W G25 Lamps
LED 6W G25 E26 Replacement 3L	Relamp existing fixture with (3) LED 6W G25 Lamps
LED 6W G25 E26 Replacement 5L	Relamp existing fixture with (5) LED 6W G25 Lamps
LED 5.5W B11 E12 Replacement	Relamp existing fixture with (1) LED 5.5W B11 E12 Lamp
LED 5.5W B11 E12 Replacement 2L	Relamp existing fixture with (2) LED 5.5W B11 E12 Lamps
LED 5.5W B11 E12 Replacement 3L	Relamp existing fixture with (3) LED 5.5W B11 E12 Lamps
LED 5.5W B11 E12 Replacement 4L	Relamp existing fixture with (4) LED 5.5W B11 E12 Lamps
LED 5.5W B11 E12 Replacement 5L	Relamp existing fixture with (5) LED 5.5W B11 E12 Lamps
LED 5.5W B11 E12 Replacement 6L	Relamp existing fixture with (6) LED 5.5W B11 E12 Lamps
LED 6W MR16 Replacement	Relamp existing fixture with (1) LED 6W MR16 Lamp
LED 6W MR16 Replacement 2L	Relamp existing fixture with (2) LED 6W MR16 Lamps
LED 6W MR16 Replacement 3L	Relamp existing fixture with (3) LED 6W MR16 Lamps
LED 7.5W R20 Replacement	Relamp existing fixture with (1) LED 7.5W R20 Lamp
LED 10W PAR30 Replacement	Relamp existing fixture with (1) LED 10W PAR30 Lamp
LED 13W PAR38 Replacement	Relamp existing fixture with (1) LED 13W PAR38 Lamp
LED 13W PAR38 Replacement 2L	Relamp existing fixture with (2) LED 13W PAR38 Lamps
LED 13W PAR38 Replacement 3L	Relamp existing fixture with (3) LED 13W PAR38 Lamps
LED 14W A21 Retrofit	Retrofit existing fixture with (1) LED 14W A21 Lamp
LED 35W A25 Retrofit	Retrofit existing fixture with (1) LED 35W A25 Lamp
LED ED17 Omni Retrofit 3 kLm Med Base, XP	Retrofit existing fixture with LED Omnidirectional Module 3,000 Lumens, Medium Base, Class I, Div 2
RT, LED 6W 2P GX23 Omni	Retrofit existing fixture with (1) LED 6W 2P GX23 Omni Lamp
RT, LED 6W 2P G24D/Q H	Retrofit existing fixture with (1) LED 6W 2P G24D/G24Q H Lamp
RT, LED 8W 2P G24D/Q H	Retrofit existing fixture with (1) LED 8W 2P G24D/G24Q H Lamp
RT, LED 8W 2P G24D/Q Omni	Retrofit existing fixture with (1) LED 8W 2P G24D/G24Q Omni Lamp
RT, LED 8W 2P G24D/Q Omni 2L	Retrofit existing fixture with (2) LED 8W 2P G24D/G24Q Omni Lamps
RT, LED 8W 2P G24D/Q Omni 4L	Retrofit existing fixture with (4) LED 8W 2P G24D/G24Q Omni Lamps
RT, LED 10W 4P 2G11 2L	Retrofit existing fixture with (2) LED 10W 4P 2G11 Lamps
RT, LED 10W 4P 2G11 3L	Retrofit existing fixture with (3) LED 10W 4P 2G11 Lamps
RT, LED 10W 4P 2G11 6L	Retrofit existing fixture with (6) LED 10W 4P 2G11 Lamps
RT, LED 17W 4P 2G11 2L	Retrofit existing fixture with (2) LED 17W 4P 2G11 Lamps
RT, LED 17W 4P 2G11 3L	Retrofit existing fixture with (3) LED 17W 4P 2G11 Lamps
RT, LED 17W 4P 2G11 2L BB	Retrofit existing fixture with (2) LED 17W 4P 2G11 Lamps, Battery Backup
RT, 18" 7W SE LED 1L	Retrofit existing fixture with (1) LED 2' 7W Single-end Power Lamp
RT, 2' 7W DE LED 1L	Retrofit existing fixture with (1) DE LED 2' 7W Double-end Power Lamp
RT, 2' 7W DE LED 2L	Retrofit existing fixture with (2) DE LED 2' 7W Double-end Power Lamps
RT, 3' 12W DE LED 1L	Retrofit existing fixture with (1) DE LED 3' 12W Double-end Power Lamp
RT, 3' 12W DE LED 2L	Retrofit existing fixture with (2) DE LED 3' 12W Double-end Power Lamps
RT, 3' 12W DE LED 4L	Retrofit existing fixture with (4) DE LED 3' 12W Double-end Power Lamps
RT, 4' 10.5W DE LED 1L	Retrofit existing fixture with (1) DE LED 4' 10.5W Double-end Power Lamp
RT, 4' 10.5W DE LED 2L	Retrofit existing fixture with (2) DE LED 4' 10.5W Double-end Power Lamps
RT, 4' 10.5W DE LED 3L	Retrofit existing fixture with (3) DE LED 4' 10.5W Double-end Power Lamps
RT, 4' 10.5W DE LED 4L	Retrofit existing fixture with (4) DE LED 4' 10.5W Double-end Power Lamps
RT, 4' 10.5W DE LED 2L BB	Retrofit existing fixture with (2) DE LED 4' 10.5W Double-end Power Lamps, Battery Backup
RT, 4' 18.5W DE LED 6L	Retrofit existing fixture with (6) DE LED 4' 19W Double-end Power Lamps
RT, 2' 7W DE LED 2L, 2x2 Refl Kit	Retrofit existing fixture with (2) DE LED 2' 7W Double-end Power Lamps, 2x2 Reflector Kit
RT, 4' 10.5W DE LED 2L, 8' BC Kit	Retrofit existing fixture with (2) DE LED 4' 10.5W Double-end Power Lamps, 8' Ballast Cover Kit
RT, 4' 10.5W DE LED 4L, 8' BC Kit	Retrofit existing fixture with (4) DE LED 4' 10.5W Double-end Power Lamps, 8' Ballast Cover Kit
RT, 4' 10.5W DE LED 4L, 8' REFL Kit	Retrofit existing fixture with (4) DE LED 4' 10.5W Double-end Power Lamps, 8' Reflector Kit
RT, 4' 18.5W DE LED 4L, 8' BC Kit	Retrofit existing fixture with (4) DE LED 4' 19W Double-end Power Lamps, 8' Ballast Cover Kit
RT, 8' HO 43W DE LED 2L	Retrofit existing fixture with (2) DE LED 4' 10.5W Double-end Power Lamps
RT, 2' 9W DE LED T5 1L	Retrofit existing fixture with (1) LED 2' 9W T5 Double-end Power Lamp
RT, 2' 9W DE LED T5 2L	Retrofit existing fixture with (2) LED 2' 9W T5 Double-end Power Lamps
RT, 4' 13W DE LED T5 1L	Retrofit existing fixture with (1) LED 4' 13W T5 Double-end Power Lamp
RT, 4' 13W DE LED T5 2L	Retrofit existing fixture with (2) LED 4' 13W T5 Double-end Power Lamps
RT, 4' 13W DE LED T5 4L	Retrofit existing fixture with (4) LED 4' 13W T5 Double-end Power Lamps
RT, 4' 25W DE LED T5HO 1L	Retrofit existing fixture with (1) LED 4' 25W T5HO Double-end Power Lamp
RT, 4' 25W DE LED T5HO 2L	Retrofit existing fixture with (2) LED 4' 25W T5HO Double-end Power Lamps
RT, 4' 25W DE LED T5HO 4L	Retrofit existing fixture with (4) LED 4' 25W T5HO Double-end Power Lamps
RB/RL, D, 2' LED 2L	Reballast/Relamp existing fixture with (1) LED Driver and (2) LED 2' Lamps
RB/RL, D, 4' LED 2L	Reballast/Relamp existing fixture with (1) LED Driver and (2) LED 4' Lamps
RB/RL, D, 4' LED 3L	Reballast/Relamp existing fixture with (1) LED Driver and (3) LED 4' Lamps
RC LED Retrofit Kit 1500 Lm 6" Adj. 1000 Lm	Retrofit existing fixture with LED Recessed Can 6" 1,500 Lumens Max Adjusted to 1,000 Lumens
RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm	Retrofit existing fixture with LED Recessed Can 6" 1,500 Lumens Max Adjusted to 1,500 Lumens
RC LED Retrofit Kit 2000 Lm 8" Adj. 1000 Lm	Retrofit existing fixture with LED Recessed Can 8" 2,000 Lumens Max Adjusted to 1,000 Lumens
RC LED Retrofit Kit 2000 Lm 8" Adj. 1500 Lm	Retrofit existing fixture with LED Recessed Can 8" 2,000 Lumens Max Adjusted to 1,500 Lumens
RC LED Retrofit Kit 3200 Lm 9.5" Adj. 2000 Lm	Retrofit existing fixture with LED Recessed Can 9.5" 3,200 Lumens Max Adjusted to 2,000 Lumens
RC LED Retrofit Kit 1500 Lm 6" Adj. 1500 Lm BB	Retrofit existing fixture with LED Recessed Can 6" 1,500 Lumens Max Adjusted to 1,500 Lumens, Battery Backup
RC LED Retrofit Kit 2000 Lm 8" Adj. 1000 Lm BB	Retrofit existing fixture with LED Recessed Can 8" 2,000 Lumens Max Adjusted to 1,000 Lumens, Battery Backup
RC LED Retrofit Kit 2000 Lm 8" Adj. 1500 Lm BB	Retrofit existing fixture with LED Recessed Can 8" 2,000 Lumens Max Adjusted to 1,500 Lumens, Battery Backup
4' Industrial 4' 10.5W LED 2L	Replace existing fixture with 4' Industrial Fixture, (2) LED 4' 10.5W Lamps
4' Vaportight 4' 10.5W LED 2L	Replace existing fixture with 4' Vaportight Fixture, (2) LED 4' 10.5W Lamps
Drum LED 2000 Lm 13"	Replace existing fixture with Drum LED 13" 2,000 Lumens

Undercabinet LED 24"	Replace existing fixtures with Undercabinet LED 24"
High Bay LED 11.8 kLm	Replace existing fixture with High Bay LED 11,800 Lumens, Wire Guard
High Bay LED 17.7 kLm	Replace existing fixture with High Bay LED 17,700 Lumens, Wire Guard
Canopy LED 2 kLm	Replace existing fixture with LED Canopy Fixture 2,000 Lumens
Barnlight LED 4 kLm PC	Replace existing fixture with LED Barnlight Fixture 4,000 Lumens, Photocell
Wall Pack LED SEC 2.5 kLm PC	Replace existing fixture with LED Wall Pack Fixture Forward Throw 2,500 Lumens, Photocell
Wall Pack LED FC 5 kLm	Replace existing fixture with LED Wall Pack Fixture Full Cut-Off 5,000 Lumens
Wall Pack LED FC 7 kLm	Replace existing fixture with LED Wall Pack Fixture Full Cut-Off 7,000 Lumens
Flood LED 2.1 kLm UNV	Replace existing fixture with LED Flood Fixture 2,100 Lumens, Universal Mount, Built-In Photocell
Flood LED 4.9 kLm UNV	Replace existing fixture with LED Flood Fixture 4,900 Lumens, Universal Mount, Built-In Photocell
Area LED 9.8 kLm	Replace existing fixture with LED Area Fixture 9,800 Lumens
Area LED 9.8 kLm TN	Replace existing fixture with LED Area Fixture 9,800 Lumens, Tenon,
Wall Pack LED CO 1.8 kLm	Replace existing fixture with LED Wall Pack Fixture Cutoff 1,800 Lumens
Wall Pack LED CO 1.8 kLm BB	Replace existing fixture with LED Wall Pack Fixture Cutoff 1,800 Lumens, Battery Backup



ECM 2

Site	Building	Scope													
		Weatherstrip Doors (QTY)	Seal Bandjoists (SF)	Seal Fireplaces (QTY)	Airseal Attic (SF)	Insulate Walls (SF)	Weatherstrip & Insulate Attic Hatch (QTY)	Pull Down Stair Cover (QTY)	Blown Attic Insulation (SF)	Truss Bottom Sheathing (SF)	Wall Sheathing (SF)	Rafter Insulation and Sheathing (SF)	Caulk Ceiling Joints (LF)	Foam Roof Edge (LF)	Light Hats (QTY)
<b>Ridley Creek State Park</b>															
	Mansion air seal			10							8200				
	Mansion insulation														
	Maintenance air seal	3													
	Maintenance insulation										1150				
	Comfort Station	3													
	Comfort Station	3													
<b>Nolde Forest Env. Ed. Center</b>															
	Mansion			3											
	Maintenance Building	3		0											
	McConnell Hall	9		0					1368						
	Sawmill Bath	3		0							390				
<b>Jacobsburg Environmental Ed Center</b>															
	Manager Res air seal		190				2								
	Manager Res insulate							1200							
	Henry's Woods Comfort	3													
<b>French Creek State Park</b>															
	Park Office	8									1470				
	Manager Residence	1													
	Asst. Manager Residence	3					1	1							
	Boat Launch Bath	3			1										
	A-Loop Bath	3			1										
	C-Loop Bath	3			1										
<b>Lackawanna State Park</b>															
	Manager's Residence	3													
	White's Lakeside Lodge	3	90				1								
	Maintenance	1					1			720	792	540			
	Comfort Station#9	4										96			12
	Sewage Treatment	1													
	Ranger Station	3													
<b>Neshaminy State Park</b>															
	Park Office	2						1							
	Maintenance Building	7													44
	Pole Barn Shop									450					
	Comfort Station	3								160					
<b>Tyler State Park</b>															
	Park Office	6													
	Maintenance Building	3													
	Boathouse	2													
	Quarry Comfort Station						1							50	
	Sewage pumphouse	1													
<b>Tobyhanna State Park</b>															
	Park Office	2													
	Maintenance											750			
	Carpenter Shop	4					1					1800			
	Beachhouse Comfort Sta.	2					1					117			
	Family Restroom	3					1					140			
	Park Manager Residence	2	190												
<b>Beltzville State Park</b>															
	Park Office	5	102							2328					
	Maintenance	5												310	
	Environmental Learning	4							1080			100			
	Sewage Treatment Plant	1										12			
<b>Promised Land State Park</b>															

	Park Office	7												
	Maintenance air seal	1				1								
	Maintenance insulation							2160						
	Pole Bldg. air seal											256		
	Pole Bldg. Insulation							520						
	Wastewater Treatment	4				2					5.32			
	Day-use Comfort Station	3								32				
<b>Nescopeck State Park</b>														
	Park Office	7										610		
	Water Treatment Bldg				620									
	Pump Station				111									
<b>Weiser State Forest</b>														
	Fire Cache Office/Garage	3											350	
	Fire Cache Warehouse	2										960	350	
	Haldeman Stone House	2				1								
	RMC Garage	5				3								
	Bear Gap Fire Control Air S	2											240	
	Bear Gap Fire Control Insul							3200						
<b>Loyalsock State Forest</b>														
	RMC	6										92		
	Main Office	3				1						70		18
	Maintenance Building	3												
	Maintenance Shop	6										2500		

**HEATING SAVINGS**

	Av. Infiltr. rate	=	<b>Flow Factor</b>	X	<b>(delta P)^n</b>	X	<b>"A"</b>	=	<b>CFM</b>
1)	Q		20		4.77		11.61		1107.39

			<b>Q</b>	X	<b>HDD</b>	X	<b>Oil \$/Gal</b>	=	
2)	Heating Savings		1107.39		4346		5.082		\$ 5,390.85
					4,537				
					heating efficiency factor				

**COOLING SAVINGS**

3)	<b>Flow Factor</b>	X	<b>Q</b>	X	<b>Enthalpy</b>	=	<b>Tons</b>
	4.5		1107.39		5		2.08
			12,000				

4)	<b>Tons</b>	X	<b>constant</b>	X	<b>CDD</b>	X	<b>Elect\$/kwh</b>	=	
	2.08		1.2		1599		0.08		\$ 398.41
					0.8				

5)	<b>Total Savings due to air leakage</b>							=	<b>\$ 5,789.27</b>
----	---	--	--	--	--	--	--	---	--------------------

- |    |                                 |  |  |  |  |  |  |  |           |
|----|---------------------------------|--|--|--|--|--|--|--|-----------|
| 8) | Heating oil saved per year      |  |  |  |  |  |  |  | 1,061 gal |
| 9) | Cooling electric saved per year |  |  |  |  |  |  |  | 4980 kwh  |

**AREA "A" BASED UPON:**

- |  |   |                              |
|--|---|------------------------------|
| seal fireplaces 10 ea, 69' x 1/8"              | = | 0.72 FT. <sup>2</sup>        |
| seal areaway window 1 ea, 14' x 1/8"           | = | 0.15 FT. <sup>2</sup>        |
| seal coal bin chute 1 ea, 7' x 1/8"            | = | 0.07 FT. <sup>2</sup>        |
| Install rafter sheathing 8200sf, 8200' x 1/64" | = | 10.67 FT. <sup>2</sup>       |
|  | = | <u>0.00 FT.<sup>2</sup></u>  |
| <b>TOTAL:</b>                                  | = | <b>11.61 FT.<sup>2</sup></b> |

Zerodraft Central Pa  
26-Jul-22

Ridley Creek State Park  
Mansion Attic

Insulation Savings Calculations:

Heating Savings

Existing Annual Heat transfer	1 SF	X	24 HRS/Day	X	4346 HDD	=	20860.8 BTU/sf	
		R-	5					
Proposed Annual Heat Transfer	1 SF	X	24 HRS/Day	X	4346 HDD	=	<u>3596.69</u> BTU/sf	
		R-	29					
Annual BTU savings/ sf							17264.11 BTU/sf	
Annual Heating Savings	17264.11 <u>BTU</u>	X	8200 SF	X	<u>\$ 5.08</u>	X	<u>gal</u>	= \$ 6,562
	SF				gal		109,600 BTU	

Cooling Savings

Existing Annual Heat transfer	1 SF	X	24 HRS/Day	X	0 CDD	=	0 BTU/sf	
		R-	5					
Proposed Annual Heat Transfer	1 SF	X	24 HRS/Day	X	0 CDD	=	<u>0</u> BTU/sf	
		R-	29					
Annual BTU savings/ sf							0 BTU/sf	
Annual Cooling Savings	0 <u>BTU</u>	X	8200 SF	X	<u>\$ 0.08</u>	X	<u>KWH</u>	= \$ -
	SF				KWH		3,412 BTU	

Total Annual Savings due to increased Insulation

\$ 6,562

**Add R-24 Insulation to 8200 sf attic rafters. Add 2" rigid insulation to stone gables.**

Oil saved per year      **1,291.66 Gal**  
Elect. saved              **0 kwh**



**HEATING SAVINGS**

	Av. Infiltr. rate	=	Flow Factor	X	(delta P)^n	X	"A"	=	CFM
1)	Q		20		4.77		0.31		29.81
			Q		HDD		Oil \$/Gal		
2)	Heating Savings		29.81	X	4346	X	5.082	= \$	145.13
					4,537				
					heating efficiency factor				

**COOLING SAVINGS**

3)	Flow Factor	X	Q	X	Enthalpy	=	Tons		
	4.5		29.81		5		0.06		
			12,000						
4)	Tons	X	constant	X	CDD	X	Elect\$/kwh	= \$	-
	0.06		1.2		0		0.08		
					0.8				
5)	Total Savings due to air leakage							=	\$ 145.13

- 8) Heating oil saved per year 29 gal
- 9) Cooling electric saved per year 0 kwh

AREA "A" BASED UPON:

weatherstrip 3 doors x 20' x 1/16"	=	0.31 FT. <sup>2</sup>
	=	0.00 FT. <sup>2</sup>
<b>TOTAL:</b>	=	0.31 FT. <sup>2</sup>

Zerodraft Central Pa  
26-Jul-22

Ridley Creek State Park  
Maintenance Insulation

Insulation Savings Calculations:

Heating Savings

Existing Annual Heat transfer	1 SF	X	24 HRS/Day	X	4346 HDD	=	20860.8 BTU/sf	
		R-	5					
Proposed Annual Heat Transfer	1 SF	X	24 HRS/Day	X	4346 HDD	=	<u>3596.69</u> BTU/sf	
		R-	29					
Annual BTU savings/ sf							17264.11 BTU/sf	
Annual Heating Savings	17264.11 <u>BTU</u>	X	1150 SF	X	<u>\$ 5.08</u>	X	<u>gal</u>	= \$ 920
	SF				gal		109,600 BTU	

Cooling Savings

Existing Annual Heat transfer	1 SF	X	24 HRS/Day	X	0 CDD	=	0 BTU/sf	
		R-	5					
Proposed Annual Heat Transfer	1 SF	X	24 HRS/Day	X	0 CDD	=	<u>0</u> BTU/sf	
		R-	29					
Annual BTU savings/ sf							0 BTU/sf	
Annual Cooling Savings	0 <u>BTU</u>	X	1150 SF	X	<u>\$ 0.08</u>	X	<u>KWH</u>	= \$ -
	SF				KWH		3,412 BTU	

Total Annual Savings due to increased Insulation

\$ 920

**Add R-24 Insulation to 1150 sf attic rafters.**

Oil saved per year      **181.15 Gal**  
Elect. saved              **0 kwh**

**HEATING SAVINGS**

	Av. Infiltr. rate	=	<input type="text" value="20"/>	X	<input type="text" value="4.77"/>	X	<input type="text" value="0.63"/>	=	<input type="text" value="59.63"/>
1)	Q				(delta P)^n		"A"		CFM
			<input type="text" value="59.63"/>		<input type="text" value="4346"/>		<input type="text" value="0.08"/>		<input type="text" value="148.07"/>
2)	Heating Savings			X	HDD	X	Elect \$/kwh		
					140				
					heating efficiency factor				

**COOLING SAVINGS**

3)	<input type="text" value="4.5"/>	X	<input type="text" value="59.63"/>	X	<input type="text" value="5"/>	=	<input type="text" value="0.11"/>		
			12,000		Enthalpy		Tons		
4)	<input type="text" value="0.11"/>	X	<input type="text" value="1.2"/>	X	<input type="text" value="0"/>	X	<input type="text" value="0.08"/>	=	\$ -
				0.8	CDD		Elect\$/kwh		
5)	Total Savings due to air leakage							=	\$ 148.07

- 8) Heating electric saved per year 1,851 kwh
- 9) Cooling electric saved per year 0 kwh

AREA "A" BASED UPON:	
Weatherstrip 3 doors x 20' x 1/8"	= 0.63 FT. <sup>2</sup>
	= <u>0.00 FT.<sup>2</sup></u>
<b>TOTAL:</b>	= <b>0.63 FT.<sup>2</sup></b>

**HEATING SAVINGS**

	Av. Infiltr. rate	=	Flow Factor	X	(delta P)^n	X	"A"	=	CFM
1)	Q	=	20	X	4.77	X	0.63	=	59.63
			Q		HDD		Elect \$/kwh		
2)	Heating Savings		59.63	X	4346	X	0.08	= \$	148.07
			140						
			heating efficiency factor						

**COOLING SAVINGS**

3)	Flow Factor	X	Q	X	Enthalpy	=	Tons	
	4.5	X	59.63	X	5	=	0.11	
			12,000					
4)	Tons	X	constant	X	CDD	X	Elect\$/kwh	
	0.11	X	1.2	X	0	X	0.08	
			0.8				= \$ -	
5)	Total Savings due to air leakage						=	\$ 148.07

8)	Heating electric saved per year	1,851 kwh
9)	Cooling electric saved per year	0 kwh

AREA "A" BASED UPON:		
Weatherstrip 3 doors x 20' x 1/8"	=	0.63 FT. <sup>2</sup>
	=	<u>0.00 FT.<sup>2</sup></u>
TOTAL:	=	0.63 FT. <sup>2</sup>

ECM 3

Assumptions		805.08	Oil Baseline
<b>Conversion to Propane</b>			
2,520	SF Ranger Building/Plumbing-Elect	19,439	kWh
690	SF Modern Cabins (9)	80,602	kWh
883	SF Manager	183,0753	gal oil
3,000	SF Asst Manager	622	gal oil
2,484	SF B/C Loop Comfort Stations	17136	kWh
3735	HTG Hours		

assume 2 fills per season (bill in bulletin 2)  
request model

7.046888	BTU/SF/Yr
4328.536	BTU/SF/Yr
7.682713	BTU/SF/Yr
7.682713	BTU/SF/Yr
255.625	BTU/SF/Yr

Input	Output	BTU/SF	Existing Efficiency	Proposed Efficiency
1	1		100.00%	85%
1	1		100%	85%
105000	78143.06		74.42%	85%
138.4	103		74.42%	85%
1	1		100%	85%

Usage	Units	Factor
848.1678	Gallon Propane	0%
3,467	Gallon Propane	0%
241.135	Gallon Propane	5%
819.2583	Gallon Propane	5%
747.673	Gallon Propane	5%

Month	Maintenance Shop Usage	1,180 kWh Avg Summer Load	4,420 kWh Avg Winter Load	3,240 kWh Avg Winter Heating per month	39,445 kWh baseline
Jun-17	1230				
Jul-17	1045				
Aug-17	876				
Sep-17	1002				
Oct-17	3137				
Nov-17	3838				
Dec-17	5403				
Jan-18	4406				
Feb-18	4329				
Mar-18	3297				
Apr-18	1344				
May-18	682				
Jun-18	1038				
Jul-18	871				
Aug-18	1011				
Sep-18	1255				
Oct-18	3878				
Nov-18	5097				
Dec-18	5174				
Jan-19	5381				
Feb-19	5039				
Mar-19	2819				
Apr-19	1372				
May-19	854				
Jun-19	1102				
Jul-19	1099				
Aug-19	1043				
Sep-19	1134				
Oct-19	3237				
Nov-19	4811				
Dec-19	5021				
Jan-20	4976				
Feb-20	3789				
Mar-20	2521				
Apr-20	1524				
May-20	917				
Jun-20	994				
Jul-20	1115				
Aug-20	848				
Sep-20	1183				
Oct-20	4164				
Nov-20	4704				
Dec-20	5329				
Jan-21	6048				
Feb-21	5924				
Mar-21	3763				
Apr-21	1699				
May-21	1454				
Jun-21	1672				
Jul-21	1879				
Aug-21	1626				

French Creek Cabins		French Creek Cabins VRF	
7,746	kWh HTG	7,746	kWh HTG
92000	BTU/Gal Propane	1210	kWh DHW
85%	Efficiency	95%	Efficiency
338	Gal Propane	47	Gal Propan
9	QTY	2,628	kWh VRF
		9	QTY
80,602	kWh Savings	69,712	kWh Savings
-3,467	Gal Propane	23,651	kWh VRF
		46,061	kWh Saved

\*from Trane Trace "Trane VRF Heat Pump"

Group Camp DHW	
72	Occupants
10	gal/occ/day
183	days/year
80%	occ rate
105120	Gal DHW/year
20531.06	kWh
865.2664	Gal Propane
88%	Efficiency

Building	Family Cabin 10	Family Cabin 9	Family Cabin 8	Family Cabin 7	Family Cabin 6	Family Cabin 5	Family Cabin 4	Family Cabin 3	Family Cabin 2	Family Cabin 1	HTG Load	
Date	Usage	Cost	Usage	Cost	Usage	Cost	Usage	Cost	Usage	Cost	Usage	Cost
Jun-17	323	\$ 74.35	819	\$ 115.18	481	\$ 83.45	328	\$ 83.83	419	\$ 81.43	463	\$ 81.40
Jul-17	93	\$ 60.92	556	\$ 95.16	291	\$ 72.24	260	\$ 70.06	351	\$ 77.36	307	\$ 81.96
Aug-17	325	\$ 80.40	137	\$ 62.80	488	\$ 83.57	355	\$ 78.09	391	\$ 84.22	367	\$ 80.79
Sep-17	440	\$ 96.23	658	\$ 100.00	677	\$ 94.47	526	\$ 98.17	591	\$ 99.85	439	\$ 102.33
Oct-17	1,071	\$ 132.05	1619	\$ 166.55	1,593	\$ 156.39	1,329	\$ 155.64	1,499	\$ 152.12	158	\$ 160.20
Nov-17	1,957	\$ 188.21	2,175	\$ 210.89	2,577	\$ 238.16	2,179	\$ 207.15	2,152	\$ 202.03	1,974	\$ 197.07
Dec-17	2,721	\$ 246.35	3,325	\$ 282.97	1,669	\$ 161.64	2,520	\$ 228.14	2,679	\$ 236.76	279	\$ 242.62
Jan-18	1,378	\$ 141.29	2,262	\$ 219.60	4,535	\$ 400.19	1,915	\$ 180.89	2,162	\$ 205.81	174	\$ 175.82
Feb-18	1,955	\$ 207.72	2,078	\$ 195.14	1,101	\$ 144.63	2,015	\$ 182.03	2,189	\$ 200.20	226	\$ 201.73
Mar-18	1,608	\$ 170.38	1,584	\$ 177.98	3,378	\$ 303.91	1,473	\$ 153.91	1,482	\$ 160.01	134	\$ 148.64
Apr-18	574	\$ 105.19	688	\$ 106.92	326	\$ 100.00	522	\$ 95.55	476	\$ 95.93	594	\$ 125.70
May-18	334	\$ 78.66	339	\$ 87.93	346	\$ 101.26	403	\$ 81.10	389	\$ 98.66	237	\$ 70.96
Jun-18	355	\$ 74.79	464	\$ 83.68	481	\$ 102.08	514	\$ 81.22	382	\$ 76.31	469	\$ 79.49
Jul-18	311	\$ 72.13	250	\$ 66.52	335	\$ 93.50	390	\$ 72.45	345	\$ 68.00	473	\$ 79.56
Aug-18	201	\$ 65.81	357	\$ 72.74	488	\$ 102.41	236	\$ 62.23	344	\$ 69.83	242	\$ 73.27
Sep-18	472	\$ 103.48	575	\$ 99.42	490	\$ 102.57	587	\$ 95.18	468	\$ 86.84	442	\$ 90.01
Oct-18	1,160	\$ 133.46	1,453	\$ 150.70	1,593	\$ 166.35	1,386	\$ 144.22	1,726	\$ 166.18	114	\$ 129.59
Nov-18	1,898	\$ 189.03	2,370	\$ 211.60	2,521	\$ 223.08	2,004	\$ 181.60	2,546	\$ 223.44	188	\$ 185.90
Dec-18	2,470	\$ 222.19	2,450	\$ 213.20	2,606	\$ 234.23	2,323	\$ 205.72	2,941	\$ 246.82	234	\$ 213.72
Jan-19	2,434	\$ 221.33	2,381	\$ 207.84	3,182	\$ 284.81	2,221	\$ 200.88	2,376	\$ 207.35	252	\$ 225.17
Feb-19	2,430	\$ 219.13	2,166	\$ 199.55	1,101	\$ 126.40	2,157	\$ 201.98	2,142	\$ 195.10	228	\$ 193.92
Mar-19	1,078	\$ 122.19	706	\$ 100.59	3,175	\$ 244.25	897	\$ 109.93	980	\$ 125.74	592	\$ 94.12
Apr-19	618	\$ 101.57	690	\$ 109.98	631	\$ 103.79	581	\$ 100.99	732	\$ 114.56	560	\$ 93.14
May-19	414	\$ 80.32	423	\$ 96.45	365	\$ 88.52	354	\$ 74.67	411	\$ 91.77	301	\$ 67.43
Jun-19	672	\$ 98.42	204	\$ 62.12	410	\$ 83.23	284	\$ 65.35	374	\$ 70.54	382	\$ 71.84
Jul-19	438	\$ 79.59	0	\$ 48.82	404	\$ 82.91	394	\$ 72.03	254	\$ 63.81	370	\$ 78.23
Aug-19	207	\$ 62.89	368	\$ 73.85	488	\$ 87.79	243	\$ 63.15	355	\$ 71.48	250	\$ 74.89
Sep-19	728	\$ 97.95	0	\$ 48.96	759	\$ 106.89	657	\$ 104.03	942	\$ 127.33	101	\$ 132.55
Oct-19	1,472	\$ 156.85	0	\$ 48.99	1,757	\$ 171.56	1,496	\$ 147.88	1,858	\$ 175.11	139	\$ 143.34
Nov-19	2,127	\$ 190.98	0	\$ 48.42	2,226	\$ 199.44	1,987	\$ 178.93	2,276	\$ 207.70	162	\$ 156.04
Dec-19	2,289	\$ 209.95	0	\$ 50.31	2,168	\$ 205.87	1,939	\$ 185.96	2,302	\$ 203.19	189	\$ 179.61
Jan-20	2,427	\$ 222.55	0	\$ 51.10	2,594	\$ 229.90	2,063	\$ 197.75	2,222	\$ 201.43	196	\$ 178.38
Feb-20	1,528	\$ 165.22	0	\$ 50.10	1,801	\$ 162.73	1,329	\$ 138.81	1,712	\$ 163.64	146	\$ 162.56
Mar-20	1,620	\$ 147.32	0	\$ 22.81	1,263	\$ 126.66	916	\$ 105.43	1,238	\$ 123.99	963	\$ 107.26
Apr-20	1,552	\$ 143.81	0	\$ 22.89	1,029	\$ 113.74	669	\$ 91.70	922	\$ 106.42	678	\$ 91.45
May-20	390	\$ 78.18	0	\$ 22.81	329	\$ 74.16	293	\$ 73.30	195	\$ 65.35	174	\$ 62.91
Jun-20	379	\$ 77.66	0	\$ 22.84	410	\$ 78.81	468	\$ 87.08	304	\$ 71.59	325	\$ 71.50
Jul-20	472	\$ 83.08	0	\$ 22.89	697	\$ 95.07	367	\$ 74.77	308	\$ 72.86	535	\$ 83.45
Aug-20	430	\$ 88.40	0	\$ 22.86	509	\$ 98.51	347	\$ 73.63	477	\$ 95.92	549	\$ 91.49
Sep-20	623	\$ 98.05	0	\$ 22.37	837	\$ 118.46	719	\$ 108.48	844	\$ 117.43	548	\$ 85.22
Oct-20	1,247	\$ 142.39	0	\$ 22.85	1,620	\$ 161.48	1,203	\$ 130.99	1,466	\$ 145.30	113	\$ 125.41
Nov-20	2,033	\$ 195.72	0	\$ 22.83	2,646	\$ 227.37	1,910	\$ 188.65	1,830	\$ 175.40	213	\$ 200.18
Dec-20	2,207	\$ 203.34	0	\$ 20.59	2,720	\$ 217.71	2,377	\$ 209.54	2,661	\$ 221.27	230	\$ 201.84
Jan-21	3,029	\$ 235.59	0	\$ 19.87	3,066	\$ 233.78	2,667	\$ 216.17	3,151	\$ 237.93	297	\$ 238.12
Feb-21	2,056	\$ 180.93	0	\$ 19.87	2,148	\$ 174.57	1,940	\$ 168.05	2,317	\$ 192.97	174	\$ 159.09
Mar-21	987	\$ 120.27	0	\$ 19.88	1,034	\$ 114.30	1,174	\$ 120.88	1,269	\$ 144.79	932	\$ 108.81
Apr-21	757	\$ 110.72	0	\$ 19.88	646	\$ 83.03	733	\$ 96.68	931	\$ 109.23	792	\$ 100.83
May-21	369	\$ 87.88	0	\$ 19.88	397	\$ 69.55	311	\$ 66.30	447	\$ 75.13	301	\$ 66.67
Jun-21	561	\$ 97.20	0	\$ 19.77	413	\$ 79.25	375	\$ 77.12	348	\$ 68.12	282	\$ 78.59

4,118 kWh Average Base Load

84,109 kWh  
4,356 HDD  
19,30872 kWh/HDD  
65881.35 BTU /HDD

80,841 kWh  
4,478 HDD  
18,05288 kWh/HDD  
61596.41 BTU /HDD

61,009 kWh  
3,740 HDD  
16,31251 kWh/HDD  
55658.28 BTU /HDD

69,712 kWh  
3,855 HDD  
18,08347 kWh/HDD  
61700.8 BTU /HDD



Jul-21	494	\$ 82.70	0	\$ 19.77	370	\$ 70.28	531	\$ 80.54	382	\$ 73.31	340	\$ 69.10	405	\$ 74.56	377	\$ 69.74	393	\$ 74.37	394	\$ 70.20	Jul-21	3,686
Aug-21	351	\$ 68.78	0	\$ 19.77	321	\$ 69.96	350	\$ 69.65	256	\$ 63.06	77	\$ 54.17	47	\$ 53.99	138	\$ 56.61	321	\$ 64.76	409	\$ 71.01	Aug-21	2,223
Sep-21	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	Sep-21	
Oct-21	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	Oct-21	
Nov-21	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	Nov-21	
Dec-21	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	Dec-21	

**Pool Area**

Existing	
3	Electric DWH
119	Gal Each
95%	Prop. Eff.
100	# of People per Day
75%	Average Assumed Occupied Rate
	# of People per Site/Day
94	# of Days/ 5/30/2019 9/1/2019
94	
7,050	# of People Per Year
5	Gal of HW/Person/Day
35,250	Total HW Gallons Used Per Year
50	Make-Up Water Temp
120	Storage Water Temp
70	Temp Difference
8.34	Lbs/Gal
293,985	Total Lbs of HW
21	Total MMBTU
1.303968	Storage Losses MMBTU
Saved Units	
6,414	Existing kWh
235	Proposed kWh
-235	Gallon Propane

**Group Camp Showerhouse**

Existing	
9	Bath house Electric
95%	Prop. Eff.
90	# of People per Day
80%	Average Assumed Occupied Rate
	# of People per Site/Day
94	# of Days/ 5/30/2019 9/1/2019
94	
6,768	# of People Per Year
10	Gal of HW/Person/Day
67,680	Total HW Gallons Used Per Year
50	Make-Up Water Temp
120	Storage Water Temp
70	Temp Difference
8.34	Lbs/Gal
564,451	Total Lbs of HW
40	Total MMBTU
1.303968	Storage Losses MMBTU
Saved Units	
11,962	Existing kWh
452	Proposed kWh
-452	Gallon Propane

ECM 4

Assumptions

Pipe Insulation

20	LF 2" Supply/Return	
20	LF Total	per LF
0	in Existing Insulation	
1	in proposed insulation	
85%	HTG Efficiency	

3592 Htg Hours

10.23 MMBTU  
130.29 Gal Propane Saved

Pipe  
Radius (ft)

0.083333

Existing  
Insulation  
Radius  
(ft)

0.145833

Proposed  
Insulation  
Radius (ft)

0.166667

## Calculation Tool Heat loss of an uninsulated pipe

[Link](#)

Temperature of pipe and air			
Skin temp Ts	°C	82.2	°R 639.6
Air temp Ta	°C	21.1	°R 529.7
180 F			
70 F			
Atmospheric conditions			
Wind speed v	km/h	0	ft/h 0.00
Specific heat c	J/kg.c	1005	BTU/lb.F 0.24
Density of air ρ	kg/m3	1.22	lb/ft3 0.076
Pipe characteristics			
Material	-	-	Carbon steel
Material conductivity λm	W/m/K	142	BTU/h.ft.F 25.0
Tube outlet D	mm	50.8	ft 0.17
Pipe length L	m	6.096	ft 20.00
Pipe external area A	m2	1.0	ft2 10.47
Emissivity ε		0.8	
2 in			
20 Ft			
Heat loss through radiation			
Heat loss through radiation Qr	kW	0.4	BTU/h 1272.8
Heat loss through convection			
Mass velocity G	kg/h.m2	0.0	lb/h.ft2 0.0
			BTU/h.ft2. 0.0
Heat transfer coefficient h	W/m2/c	0.0	F 0.0
Heat loss through convection Qc	kW	0.5	BTU/h 1576.1
Total pipe heat loss			
Total pipe heat loss Q total	kW	0.8	BTU/h 2848.8

ECM 5

Assumptions

Mansion

<b>19822</b>	SF Mansion	36,005 BTU/SF/YR
<b>121,920</b>	kWh	<b>113,386</b>
<b>2,451</b>	gal oil (estimate)	<b>2,280</b>
<b>3,218</b>	gal propane (calc'd)	<b>2,993</b>

<b>3592</b>	HTG Hours	<b>49%</b> Reduction for Occ
<b>1848</b>	HTG Occ Hours	218 hour reduction by 8 hour block
<b>4160</b>	CLG Hours	<b>36%</b> Reduction for Occ
<b>2668</b>	CLG Occ Hours	186.5 hour reduction by 8 hour block

**1%** per 8 hours per degree

**7** Degree Unocc  
**7%** per 8 hours

PA Resource Council

<b>7950</b>	SF Mansion	17,117 BTU/SF/YR
	kWh	<b>0</b>
<b>983</b>	gal oil (estimate)	<b>914</b>
	gal propane (calc'd)	<b>0</b>

<b>3592</b>	HTG Hours	<b>49%</b> Reduction for Occ
<b>1848</b>	HTG Occ Hours	218 hour reduction by 8 hour block
<b>4160</b>	CLG Hours	<b>36%</b> Reduction for Occ
<b>2668</b>	CLG Occ Hours	186.5 hour reduction by 8 hour block

**1%** per 8 hours per degree

**7** Degree Unocc  
**7%** per 8 hours

Savings	Existing	Proposed	Saved	Units
Oil	2,451	2,280	<b>172</b>	gal
Elec	121,920	113,386	<b>8,534</b>	kWh
Propane	3,218	2,993	<b>225</b>	gal propane

Savings	Existing	Proposed	Saved	Units
Oil	983	914	<b>69</b>	gal
Elec	0	0	<b>0</b>	kWh
Propane	0	0	<b>0</b>	gal propane

ECM 6





	Gallons Saved Kitchenette Faucets	Gallons Saved Showers	Gallons Saved Kitchen Handwash Faucets	Gallons Saved Kitchen Prep Sinks	Gallons Saved Pre-Rinse Sprayers	Gallons Saved Steamers	Gallons Saved Garbage Disposal	Gallons Saved Cooling Tower	Gallons Saved Ozone Laundry	Other
NESHIMANY STATE PARK	1,095.00	8,760.00	-	-	-	0	-	-	-	-
RIDLEY CREEK STATE PARK	3,285.00	-	-	-	-	0	-	-	-	-
TYLER STATE PARK	1,095.00	1,095.00	-	-	-	0	-	-	-	-

<b>Visitors</b>	Days per Year	365	365	365
	Female Toilet Use	0.40	0.40	0.40
	Male Toilet Use	0.13	0.13	0.13
	Male Urinal Use	0.27	0.27	0.27
	Shower Use Min.	0	0	0
	Faucet Minutes Per	0.166666667	0.166666667	0.166666667

Building ID	1	2	3
Building Name	NESHIMANY STATE PA	RIDLEY CREEK STATE P	TYLER STATE PARK

Days Operating	365	365	365
Daily Headcount	2000	2674	2911
%Male	50%	50%	50%
%Female	50%	50%	50%
Male Pop.	1000	1337.243836	1455.560274
Female Pop.	1000	1337.243836	1455.560274
Daily Toilet Uses	533.2	713.0184132	776.1047381
Daily Urinal Uses	266.4	356.2417578	387.761257
Daily Shower Min/	2	2	2
Yearly Faucet Use/min	48,666.67	65,079.20	70,837.27

<b>Staff (8hrs)</b>	Days per Year	240	240	240
	Female Toilet Use	3	3	3
	Male Toilet Use	1.00	1.00	1.00
	Male Urinal Use	2.00	2.00	2.00
	Shower Use Min.	0	0	0
	Faucet Minutes Per	0.166666667	0.166666667	0.166666667

Days Operating	240	240	240
Daily Headcount	20	20	20
%Male	50%	50%	50%
%Female	50%	50%	50%
Male Po.	10	10	10
Female Pop.	10	10	10
Daily Toilet Uses	39.99	39.99	39.99
Daily Urinal Uses	19.98	19.98	19.98
Daily Shower Use	0	0	0
Yearly Faucet Use/min	2,400.00	2,400.00	2,400.00

Total Toilet Uses	573.19	753.0084132	816.0947381
Total Urinal Uses	286.38	376.2217578	407.741257
Total Shower Use	2	2	2
Yearly Faucet Uses/Min	51,066.67	67479.2	73237.26667

ECM 7

Assumptions

Maint		Proposed		Res		Proposed	
1	QTY	18000	BTU/Unit	5	QTY	10000	BTU/Unit
1.5	Tons per Unit	3.42	COP	0.833333	Tons per Unit	3.42	COP
1.5	Total Tons	1.0283622	kW/Ton	4.166667	Total Tons	1.028362	kW/Ton
4160	CLG Hours Per Year (Total)	1.5425433	kW	4160	CLG Hours Per Year (Total)	0.856969	kW
2668	CLG Hours Per Year (Occupied)	11.67	EER Average	2668	CLG Hours Per Year (Occupied)	11.67	EER Average
Existing		Existing		Existing		Proposed	
18000	BTU/Unit	10000	BTU/Unit	10000	BTU/Unit	10000	BTU/Unit
230	V	115	V	115	V	3.42	COP
7.6	A	7.8	A	7.8	A	1.028362	kW/Ton
1748	W	897	W	897	W		
1.748	kW	0.897	kW	0.897	kW		
10.30	EER Average	11.15	EER Average	11.15	EER Average	11.67	EER Average
7,272	kWh	6,417	kWh	18,658	kWh	17,825	kWh
Existing		Existing		Existing		Proposed	
4,664	kWh	2,744	kWh	11,966	kWh	11,432	kWh

*\*from Trane Trace "Trane VRF Heat Pump"*

	Savings	Existing	Proposed	Saved	Units
Maint	CLG	7,272	6,417	855	kWh
	Control	6,417	2,744	3,673	kWh
Res	CLG	18,658	17,825	833	kWh
	Control	17,825	11,432	6,393	kWh

ECM 8, 9, 53, & 54



Assumptions

30	T Chiller
1.22	kW/Ton *from Trane Trace "Air Cooled Helical Rotary RTAC-Std Eff"
4160	CLG Hours Per Year (Total)
2668	CLG Hours Per Year (Occupied)
2.25	HP Pumps
60	F CLG Balance
22.58	h CLG Balance

CLG F				
60	25%	0.022659	x +	-1.11
93	100%			

Savings	Existing	Proposed	Saved	Units
CLG	74,769	53,545	21,225	kWh
Pumping	6,509	4,294	2,216	kWh
Plant Wing VFD	8,313	4,940	3,373	kWh
Fan	5,718	2,893	2,825	kWh
CLG	10,094	6,506	3,588	kWh

7	Occ Hour Start Est
21	Occ Hour End Est

Proposed Chiller

1.098	kW/Ton
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HTG F				
12	100%	-0.015789	x +	1.19
50	40%			

Plant Wing AHU

Existing	Proposed
3.5	3.5
1500	1500
600	600
1.5	1.5
8.5	9.444444
1.411765	1.270588
85.00%	85.00%

1.5	HP HW Pump
-----	------------

Month	Day	Hour	DB	WB	DOW	h	7		3878		2558		3592		74,769		53,545		VFD Pumping				Plant Wing Unit			
							CLG	CLG Occ	HTG	CLG kWh	CLG kWh	CLG Load	HTG Load	Existing Pu	Proposed Pump	CLG	HTG existir	HTG Proposed	Occ	Existing Fa	Proposed F	CLG	CLG proposed			
1	1	1	36	34.7	5	12.87	0	0	1	0	0	0.00%	62.11%	0	0	0	1.119	0.694958	0	0	0	0	0			
1	1	2	36	35.1	5	13.02	0	0	1	0	0	0.00%	62.11%	0	0	0	1.119	0.694958	0	0	0	0	0			
1	1	3	36	34.7	5	12.87	0	0	1	0	0	0.00%	62.11%	0	0	0	1.119	0.694958	0	0	0	0	0			
1	1	4	34	33.1	5	12.2	0	0	1	0	0	0.00%	65.26%	0	0	0	1.119	0.730295	0	0	0	0	0			
1	1	5	34	33.1	5	12.2	0	0	1	0	0	0.00%	65.26%	0	0	0	1.119	0.730295	0	0	0	0	0			
1	1	6	33.1	32.7	5	12.01	0	0	1	0	0	0.00%	66.68%	0	0	0	1.119	0.746196	0	0	0	0	0			
1	1	7	33.1	31.5	5	11.54	0	0	1	0	0	0.00%	66.68%	0	0	0	1.119	0.746196	0	0	0	0	0			
1	1	8	34	32.1	5	11.76	0	0	1	0	0	0.00%	65.26%	0	0	0	1.119	0.730295	1	1.119	0.730295	0	0			
1	1	9	34	32.1	5	11.76	0	0	1	0	0	0.00%	65.26%	0	0	0	1.119	0.730295	1	1.119	0.730295	0	0			
1	1	10	35.1	32.7	5	12.04	0	0	1	0	0	0.00%	63.53%	0	0	0	1.119	0.710859	1	1.119	0.710859	0	0			
1	1	11	35.1	32.4	5	11.9	0	0	1	0	0	0.00%	63.53%	0	0	0	1.119	0.710859	1	1.119	0.710859	0	0			
1	1	12	36	32.9	5	12.11	0	0	1	0	0	0.00%	62.11%	0	0	0	1.119	0.694958	1	1.119	0.694958	0	0			
1	1	13	37	33.9	5	12.52	0	0	1	0	0	0.00%	60.53%	0	0	0	1.119	0.677289	1	1.119	0.677289	0	0			
1	1	14	37.9	34	5	12.56	0	0	1	0	0	0.00%	59.11%	0	0	0	1.119	0.661388	1	1.119	0.661388	0	0			
1	1	15	37.9	34	5	12.56	0	0	1	0	0	0.00%	59.11%	0	0	0	1.119	0.661388	1	1.119	0.661388	0	0			
1	1	16	37	32.9	5	12.12	0	0	1	0	0	0.00%	60.53%	0	0	0	1.119	0.677289	1	1.119	0.677289	0	0			
1	1	17	35.1	31.4	5	11.49	0	0	1	0	0	0.00%	63.53%	0	0	0	1.119	0.710859	1	1.119	0.710859	0	0			
1	1	18	34	30.5	5	11.1	0	0	1	0	0	0.00%	65.26%	0	0	0	1.119	0.730295	1	1.119	0.730295	0	0			
1	1	19	33.1	30	5	10.9	0	0	1	0	0	0.00%	66.68%	0	0	0	1.119	0.746196	1	1.119	0.746196	0	0			
1	1	20	32	29	5	10.48	0	0	1	0	0	0.00%	68.42%	0	0	0	1.119	0.765632	1	1.119	0.765632	0	0			
1	1	21	30.9	28	5	10.08	0	0	1	0	0	0.00%	70.16%	0	0	0	1.119	0.785067	1	1.119	0.785067	0	0			
1	1	22	28.9	26.7	5	9.58	0	0	1	0	0	0.00%	73.32%	0	0	0	1.119	0.820404	0	0	0	0	0			
1	1	23	30	27.4	5	9.87	0	0	1	0	0	0.00%	71.58%	0	0	0	1.119	0.800968	0	0	0	0	0			
1	1	24	28.9	25.1	5	8.98	0	0	1	0	0	0.00%	73.32%	0	0	0	1.119	0.820404	0	0	0	0	0			
1	2	1	27	23.1	6	8.23	0	0	1	0	0	0.00%	76.32%	0	0	0	1.119	0.853974	0	0	0	0	0			
1	2	2	26.1	22.6	6	8.03	0	0	1	0	0	0.00%	77.74%	0	0	0	1.119	0.869875	0	0	0	0	0			
1	2	3	24.1	21.2	6	7.54	0	0	1	0	0	0.00%	80.89%	0	0	0	1.119	0.905212	0	0	0	0	0			
1	2	4	24.1	21.2	6	7.54	0	0	1	0	0	0.00%	80.89%	0	0	0	1.119	0.905212	0	0	0	0	0			
1	2	5	23	20.2	6	7.19	0	0	1	0	0	0.00%	82.63%	0	0	0	1.119	0.924647	0	0	0	0	0			
1	2	6	21.9	19.2	6	6.82	0	0	1	0	0	0.00%	84.37%	0	0	0	1.119	0.944083	0	0	0	0	0			
1	2	7	21	18.6	6	6.61	0	0	1	0	0	0.00%	85.79%	0	0	0	1.119	0.959984	0	0	0	0	0			
1	2	8	21.9	19.2	6	6.82	0	0	1	0	0	0.00%	84.37%	0	0	0	1.119	0.944083	1	1.119	0.944083	0	0			
1	2	9	24.1	20.8	6	7.4	0	0	1	0	0	0.00%	80.89%	0	0	0	1.119	0.905212	1	1.119	0.905212	0	0			
1	2	10	26.1	22.3	6	7.94	0	0	1	0	0	0.00%	77.74%	0	0	0	1.119	0.869875	1	1.119	0.869875	0	0			
1	2	11	27	23.4	6	8.33	0	0	1	0	0	0.00%	76.32%	0	0	0	1.119	0.853974	1	1.119	0.853974	0	0			
1	2	12	28.9	25	6	8.91	0	0	1	0	0	0.00%	73.32%	0	0	0	1.119	0.820404	1	1.119	0.820404	0	0			
1	2	13	30.9	26.7	6	9.58	0	0	1	0	0	0.00%	70.16%	0	0	0	1.119	0.785067	1	1.119	0.785067	0	0			
1	2	14	33.1	28.5	6	10.31	0	0	1	0	0	0.00%	66.68%	0	0	0	1.119	0.746196	1	1.119	0.746196	0	0			
1	2	15	33.1	28.9	6	10.44	0	0	1	0	0	0.00%	66.68%	0	0	0	1.119	0.746196	1	1.119	0.746196	0	0			
1	2	16	33.1	28.9	6	10.44	0	0	1	0	0	0.00%	66.68%	0	0	0	1.119	0.746196	1	1.119	0.746196	0	0			
1	2	17	30	27.2	6	9.75	0	0	1	0	0	0.00%	71.58%	0	0	0	1.119	0.800968	1	1.119	0.800968	0	0			
1	2	18	30.9	27.5	6	9.89	0	0	1	0	0	0.00%	70.16%	0	0	0	1.119	0.785067	1	1.119	0.785067	0	0			

ECM 11

Assumptions		
15000	SF Mansion	73.24% of SF for Mansion, Classroom, Maint
7	Occ Hour Start Est	
17	Occ Hour End Est	

10	T AHU	4,000 SF from AHU	11,000 SF from VRF
1,0449	kW/Ton	*from Trane Trane "Scl Contained Air Cooled"	27.5 VRF
4093	CLG Hours Per Year (Total)		37 MBTU/VRF Unit
2633	CLG Hours Per Year (Occupied)		330 MBTU/VRF System
60	F CLG Balance		11 EER *from Trane Trane "90.1-13 Min VRF AC 135-240 MBH"
22.58	h CLG Balance		1.090909 kW/Ton
3000	CFM Estimate		
2	HP Evap Fan		
3	HP Cond Fan		

Proposed Cooling		
1.028362	kW/Ton	*from Trane Trane "Trane VRF Heat Pump"
3.42	COP	
11.67	EER Average	

CLG F	60	25%	0.024834	x	+	-1.24
	90	100%				

HTG F	-0.1	100%	-0.01198	x	+	1.00
	50	40%				

2	HP HW Pumps	*operate 8760 currently	3	HP SAF Unit for Classroom
			2	HP EAF Unit for Classroom

	Savings	Existing	Proposed	Saved	Units
Mansion	CLG	43,486	41,459	2,027	kWh
	Fan	13,063	3,485	9,578	kWh
Res CLG	CLG	7,343	4,513	2,830	kWh
	HW Pump	10,977	5,573	5,404	kWh
Controls	NG	10,940	10,174	766	CCF
	CR Fan	23,081	13,614	9,467	kWh

Mansion		
20480	SF Mansion	69,209 BTU/SF/YR
87,088	kWh	80,992
10,940	CCF	10,174

3735	HTG Hours	49% Reduction for Occ
1915	HTG Occ Hours	227.5 hour reduction by 8 hour block
4093	CLG Hours	36% Reduction for Occ
2633	CLG Occ Hours	182.5 hour reduction by 8 hour block

1% per 8 hours per degree

7 Degree Unocc

7% per 8 hours

Res		
2	QTY	
0.833333	Tons per Unit	
1.666667	Total Tons	
4093	CLG Hours Per Year (Total)	
2633	CLG Hours Per Year (Occupied)	
Existing	Proposed	
10000	BTU/Unit	10000
115	V	3.42
7.8	A	1.028362
897	W	
0.897	kW	0.856969
11.15	EER Average	11.67
7,343	kWh	7,015

Controlled	Existing	Proposed
	4,724	kWh
		4,513

Month	Day	Hour	DB	WB	DOW	h	Existing			Proposed			Occupied	Existing AHU Fan		Proposed AHU Fan		Existing HW Pumping	Proposed HW Pumping	CLG Load	HTG Load	Fan Power	Classroom	
							CLG	CLG Occ	HTG	Existing CLG kWh	Proposed CLG kWh	Existing		Proposed	Existing kWh	Proposed kWh								
1	1	1	21.9	19.2	1	6.84	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	1	2	20.3	18	1	6.43	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	1	3	19	17.1	1	6.12	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	1	4	17.4	15.8	1	5.69	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	1	5	16.2	14.9	1	5.4	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	1	6	15.8	14.9	1	5.38	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	1	7	15.8	14.9	1	5.38	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	1	8	15.8	14.5	1	5.25	0	0	1	0	0	1	1.492	1.207895	1.492	1.492	0%	81%	81%	3.73	3.73			
1	1	9	17.6	15.7	1	5.67	0	0	1	0	0	1	1.492	1.175732	1.492	1.492	0%	79%	79%	3.73	3.73			
1	1	10	19.4	16.7	1	5.98	0	0	1	0	0	1	1.492	1.143569	1.492	1.492	0%	77%	77%	3.73	3.73			
1	1	11	21.4	18	1	6.42	0	0	1	0	0	1	1.492	1.107832	1.492	1.492	0%	74%	74%	3.73	3.73			
1	1	12	22.1	18.7	1	6.66	0	0	1	0	0	1	1.492	1.095325	1.492	1.492	0%	73%	73%	3.73	3.73			
1	1	13	23	19.8	1	7.07	0	0	1	0	0	1	1.492	1.079243	1.492	1.492	0%	72%	72%	3.73	3.73			
1	1	14	23	20.1	1	7.18	0	0	1	0	0	1	1.492	1.079243	1.492	1.492	0%	72%	72%	3.73	3.73			
1	1	15	24.8	21.8	1	7.76	0	0	1	0	0	1	1.492	1.04708	1.492	1.492	0%	70%	70%	3.73	3.73			
1	1	16	24.8	21.9	1	7.82	0	0	1	0	0	1	1.492	1.04708	1.492	1.492	0%	70%	70%	3.73	3.73			
1	1	17	24.8	22.1	1	7.88	0	0	1	0	0	1	1.492	1.04708	1.492	1.492	0%	70%	70%	3.73	3.73			
1	1	18	24.8	22.4	1	8	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	1	19	25	23.1	1	8.24	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	1	20	24.6	23.1	1	8.23	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	1	21	24.8	23.3	1	8.32	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	1	22	24.8	23.5	1	8.41	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	1	23	26.6	24.4	1	8.74	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	1	24	26.6	24.4	1	8.74	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	2	1	25.5	23.1	2	8.24	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	2	2	25.7	23.1	2	8.24	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	2	3	26.2	23.4	2	8.36	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	2	4	26.4	23.3	2	8.33	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	2	5	27	23.6	2	8.45	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	2	6	28.4	24.7	2	8.86	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	2	7	28.4	25.3	2	9.07	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	2	8	30.2	26.6	2	9.59	0	0	1	0	0	1	1.492	0.950592	1.492	1.492	0%	64%	64%	3.73	3.73			
1	2	9	31.1	27.8	2	10.06	0	0	1	0	0	1	1.492	0.93451	1.492	1.492	0%	63%	63%	3.73	3.73			
1	2	10	32	28.6	2	10.39	0	0	1	0	0	1	1.492	0.918429	1.492	1.492	0%	62%	62%	3.73	3.73			
1	2	11	33.8	31	2	11.38	0	0	1	0	0	1	1.492	0.886266	1.492	1.492	0%	59%	59%	3.73	3.73			
1	2	12	34.5	32.2	2	11.88	0	0	1	0	0	1	1.492	0.873758	1.492	1.492	0%	59%	59%	3.73	3.73			
1	2	13	35.6	31.1	2	11.39	0	0	1	0	0	1	1.492	0.854103	1.492	1.492	0%	57%	57%	3.73	3.73			
1	2	14	35.6	31.1	2	11.39	0	0	1	0	0	1	1.492	0.854103	1.492	1.492	0%	57%	57%	3.73	3.73			
1	2	15	37.4	31.7	2	11.68	0	0	1	0	0	1	1.492	0.82194	1.492	1.492	0%	55%	55%	3.73	3.73			
1	2	16	37.4	31.5	2	11.57	0	0	1	0	0	1	1.492	0.82194	1.492	1.492	0%	55%	55%	3.73	3.73			
1	2	17	36.7	30.8	2	11.28	0	0	1	0	0	1	1.492	0.834448	1.492	1.492	0%	56%	56%	3.73	3.73			
1	2	18	35.6	30.5	2	11.15	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	2	19	35.6	30.2	2	11.01	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	2	20	37.4	31.3	2	11.47	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	2	21	37.4	31.3	2	11.47	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	2	22	37.4	31.3	2	11.47	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	2	23	37.2	30.9	2	11.31	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	2	24	37.4	31.1	2	11.42	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	3	1	36.5	30.4	3	11.12	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	3	2	36.9	30.7	3	11.24	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	3	3	37.8	31.4	3	11.54	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	3	4	37.9	31.7	3	11.66	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	3	5	38.7	32.3	3	11.9	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	3	6	40.3	33.8	3	12.52	0	0	1	0	0	0	1.492	0	1.492	1.492	0%	40%	0%	2.238	0			
1	3	7	41	34.2	3	12.72	0	0	1	0	0													

Assumptions	Unit	SA CFM	OA CFM	Motor HP	Comp RLA	V	Phase	kW	Ton	kW/Ton	kW/Mbh	Savings	Existing	Proposed	Saved	Units	
50 F HTG Balance	HP1	1500	500	1	15		208	3 5.403999	WPHD080	8	0.6755	0.0665					
60 F CLG Balance	HP2	2000	667	2.230563	16		208	3 5.764265	EXHF060	5	1.152853	0.0665					
22.58 h CLG Balance	HP3	2000	667	2.230563	16		208	3 5.764265	EXHF060	5	1.152853	0.0665					
7 Occ Hour Start Est	Wx-1		1833	1.833333	21.2		208	3 7.637651	WXWA041								
21 Occ Hour End Est				7.294459							0.993735	0.0665					
70 F HTG Setpoint																	
0% Existing HX Efficiency (not in operation)																	
75% Proposed HX Efficiency																	
0.0637 kW/Mbh																	
0.761 kW/Ton																	
73 F CLG																	
55 F CLG DAT																	
8,188 SF																	

DHW  
 10 Occupants  
 5 gal/occ/day  
 365 days/year  
 80% occ rate  
 14600 Gal DHW/year  
 2851.536 kWh  
 120.1759 Gal Propane  
 88% Efficiency

Month	Day	Hour	DB	WB	DOW	h	HTG	HTG Occ	CLG	CLG Occ	Occupied	Existing Fan kWh	Proposed Fan kWh	8,368 HTG OA kWh	2,004 HTG OA kWh	7,541 CLG OA kWh	1,444 CLG OA kWh
1	1	1	21.9	19.2	1	6.84	1	0	0	0	0	0	0	0	0	0	0
1	1	2	20.3	18	1	6.43	1	0	0	0	0	0	0	0	0	0	0
1	1	3	19	17.1	1	6.12	1	0	0	0	0	0	0	0	0	0	0
1	1	4	17.4	15.8	1	5.69	1	0	0	0	0	0	0	0	0	0	0
1	1	5	16.2	14.9	1	5.4	1	0	0	0	0	0	0	0	0	0	0
1	1	6	15.8	14.9	1	5.38	1	0	0	0	0	0	0	0	0	0	0
1	1	7	15.8	14.9	1	5.38	1	0	0	0	0	0	0	0	0	0	0
1	1	8	15.8	14.5	1	5.25	1	1	0	0	1	5.441667	5.441667	7.169553	1.716919	0	0
1	1	9	17.6	15.7	1	5.67	1	1	0	0	1	5.441667	5.441667	6.93145	1.6599	0	0
1	1	10	19.4	16.7	1	5.98	1	1	0	0	1	5.441667	5.441667	6.693347	1.60288	0	0
1	1	11	21.4	18	1	6.42	1	1	0	0	1	5.441667	5.441667	6.428788	1.539525	0	0
1	1	12	22.1	18.7	1	6.66	1	1	0	0	1	5.441667	5.441667	6.336192	1.517351	0	0
1	1	13	23	19.8	1	7.07	1	1	0	0	1	5.441667	5.441667	6.21714	1.488842	0	0
1	1	14	23	20.1	1	7.18	1	1	0	0	1	5.441667	5.441667	6.21714	1.488842	0	0
1	1	15	24.8	21.8	1	7.76	1	1	0	0	1	5.441667	5.441667	5.979037	1.431822	0	0
1	1	16	24.8	21.9	1	7.82	1	1	0	0	1	5.441667	5.441667	5.979037	1.431822	0	0
1	1	17	24.8	22.1	1	7.88	1	1	0	0	1	5.441667	5.441667	5.979037	1.431822	0	0
1	1	18	24.8	22.4	1	8	1	1	0	0	1	5.441667	5.441667	5.979037	1.431822	0	0
1	1	19	25	23.1	1	8.24	1	1	0	0	1	5.441667	5.441667	5.952581	1.425487	0	0
1	1	20	24.6	23.1	1	8.23	1	1	0	0	1	5.441667	5.441667	6.005493	1.438158	0	0
1	1	21	24.8	23.3	1	8.32	1	1	0	0	1	5.441667	5.441667	5.979037	1.431822	0	0
1	1	22	24.8	23.5	1	8.41	1	0	0	0	0	0	0	0	0	0	0
1	1	23	26.6	24.4	1	8.74	1	0	0	0	0	0	0	0	0	0	0
1	1	24	26.6	24.4	1	8.74	1	0	0	0	0	0	0	0	0	0	0
1	2	1	25.5	23.1	2	8.24	1	0	0	0	0	0	0	0	0	0	0
1	2	2	25.7	23.1	2	8.24	1	0	0	0	0	0	0	0	0	0	0
1	2	3	26.2	23.4	2	8.36	1	0	0	0	0	0	0	0	0	0	0
1	2	4	26.4	23.3	2	8.33	1	0	0	0	0	0	0	0	0	0	0
1	2	5	27	23.6	2	8.45	1	0	0	0	0	0	0	0	0	0	0
1	2	6	28.4	24.7	2	8.86	1	0	0	0	0	0	0	0	0	0	0
1	2	7	28.4	25.3	2	9.07	1	0	0	0	0	0	0	0	0	0	0
1	2	8	30.2	26.6	2	9.59	1	1	0	0	1	5.441667	5.441667	5.264727	1.260764	0	0
1	2	9	31.1	27.8	2	10.06	1	1	0	0	1	5.441667	5.441667	5.145676	1.232254	0	0
1	2	10	32	28.6	2	10.39	1	1	0	0	1	5.441667	5.441667	5.026624	1.203744	0	0
1	2	11	33.8	31	2	11.38	1	1	0	0	1	5.441667	5.441667	4.788521	1.146725	0	0
1	2	12	34.5	32.2	2	11.88	1	1	0	0	1	5.441667	5.441667	4.695925	1.124551	0	0
1	2	13	35.6	31.1	2	11.39	1	1	0	0	1	5.441667	5.441667	4.550418	1.089705	0	0
1	2	14	35.6	31.1	2	11.39	1	1	0	0	1	5.441667	5.441667	4.550418	1.089705	0	0
1	2	15	37.4	31.7	2	11.68	1	1	0	0	1	5.441667	5.441667	4.312314	1.032686	0	0
1	2	16	37.4	31.5	2	11.57	1	1	0	0	1	5.441667	5.441667	4.312314	1.032686	0	0

ECM 13 & 14


ECM 15



## Design 1 (copy) French Creek SP, 843 Park Rd, Elverson, PA 19520

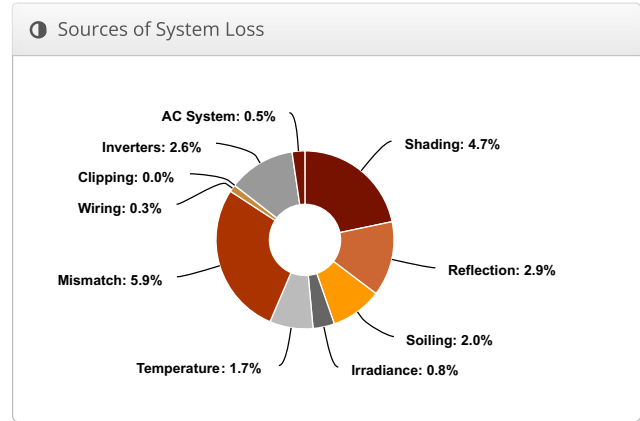
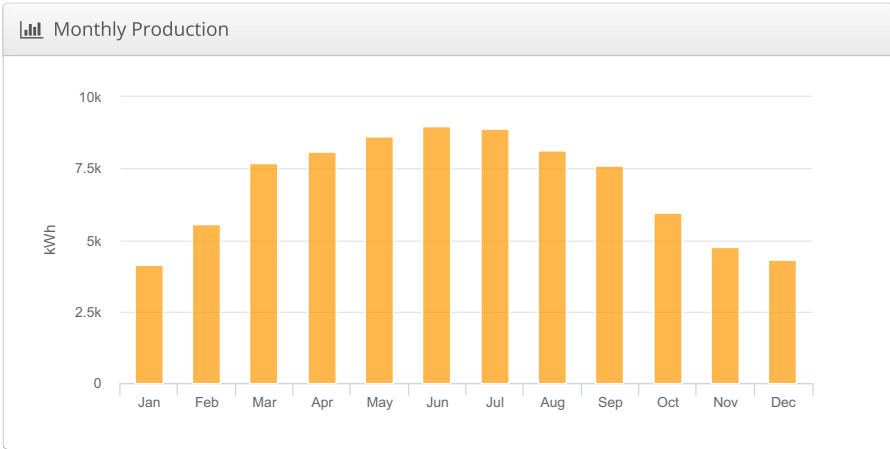
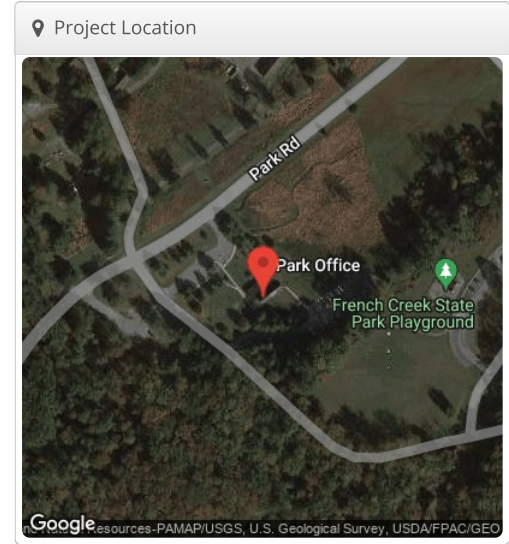
**Report**

Project Name	French Creek SP
Project Address	843 Park Rd, Elverson, PA 19520
Prepared By	Christopher Stultz chrisstultz@mcclureco.com



**System Metrics**

Design	Design 1 (copy)
Module DC Nameplate	62.3 kW
Inverter AC Nameplate	72.2 kW Load Ratio: 0.86
Annual Production	82.63 MWh
Performance Ratio	80.8%
kWh/kWp	1,325.7
Weather Dataset	TMY, 10km grid (40.15,-75.75), NREL (prospector)
Simulator Version	0cee300acc-3b7092d7ff-41629a9a21-c717987783



**Annual Production**

	Description	Output	% Delta
Irradiance (kWh/m <sup>2</sup> )	Annual Global Horizontal Irradiance	1,463.6	
	POA Irradiance	1,639.9	12.0%
	Shaded Irradiance	1,563.6	-4.7%
	Irradiance after Reflection	1,518.2	-2.9%
	Irradiance after Soiling	1,487.8	-2.0%
	<b>Total Collector Irradiance</b>	<b>1,488.6</b>	<b>0.1%</b>
Energy (kWh)	Nameplate	93,245.8	
	Output at Irradiance Levels	92,467.8	-0.8%
	Output at Cell Temperature Derate	90,907.6	-1.7%
	Output After Mismatch	85,502.1	-5.9%
	Optimal DC Output	85,263.7	-0.3%
	Constrained DC Output	85,263.2	0.0%
	Inverter Output	83,043.4	-2.6%
	<b>Energy to Grid</b>	<b>82,628.2</b>	<b>-0.5%</b>
<b>Temperature Metrics</b>			
	Avg. Operating Ambient Temp		13.7 °C
	Avg. Operating Cell Temp		21.4 °C
<b>Simulation Metrics</b>			
	Operating Hours	4681	
	Solved Hours	4681	

Condition Set													
Description	Condition Set 1												
Weather Dataset	TMY, 10km grid (40.15,-75.75), NREL (prospector)												
Solar Angle Location	Meteo Lat/Lng												
Transposition Model	Perez Model												
Temperature Model	Sandia Model												
Temperature Model Parameters	Rack Type	a		b		Temperature Delta							
	Fixed Tilt	-3.56		-0.075		3°C							
	Flush Mount	-2.81		-0.0455		0°C							
Soiling (%)	J	F	M	A	M	J	J	A	S	O	N	D	
	2	2	2	2	2	2	2	2	2	2	2	2	
Irradiation Variance	5%												
Cell Temperature Spread	4° C												
Module Binning Range	-2.5% to 2.5%												
AC System Derate	0.50%												
Module Characterizations	Module		Uploaded By		Characterization								
	TSM-165P31 (Trina Solar)		HelioScope		Spec Sheet Characterization, PAN								
	TSM-DEG14C.07 (II) 355 (Trina Solar)		HelioScope		Spec Sheet Characterization, PAN								
Component Characterizations	Device			Uploaded By		Characterization							
	Sunny Tripower 24000TL-US (SMA)			HelioScope		Modified CEC							

Components		
Component	Name	Count
Inverters	Sunny Tripower 24000TL-US (SMA)	3 (72.2 kW)
Strings	10 AWG (Copper)	14 (2,201.4 ft)
Module	Trina Solar, TSM-165P31 (165W)	12 (1.98 kW)
Module	Trina Solar, TSM-DEG14C.07 (II) 355 (355W)	170 (60.4 kW)

Wiring Zones			
Description	Combiner Poles	String Size	Stringing Strategy
Wiring Zone	-	4-18	Along Racking

Field Segments									
Description	Racking	Orientation	Tilt	Azimuth	Intrarow Spacing	Frame Size	Frames	Modules	Power
Field Segment 1	Fixed Tilt	Portrait (Vertical)	30°	141.23033°	0.0 ft	1x1	12	12	1.98 kW
Field Segment 2	Fixed Tilt	Portrait (Vertical)	30°	140.96744°	10.0 ft	2x1	39	78	27.7 kW
Field Segment 3	Fixed Tilt	Portrait (Vertical)	30°	145.30484°	10.0 ft	2x1	46	92	32.7 kW

Detailed Layout



HelioScope

ECM 16 & 17



ECM 31 (3 & 7)



Assumptions

Conversion to

Propane

3,872	SF Maint	785.6	gal oil
2,490	SF Res	410.2	gal oil
1,440	SF Environmental	9110.5	kWh
2,552	SF Office	4290	kWh

6.8976494	BTU/SF/Yr
5.600558	BTU/SF/Yr
5.302585	BTU/SF/Yr
1.4089142	BTU/SF/Yr

Input	Output	BTU/SF	Existing Efficiency	Proposed Efficiency
449.8	359.84	116.1674	80.00%	85%
		0	80.00%	85%
			100.00%	393%
			100.00%	293%

Usage	Units	Factor
1112.297	Gallon Propane	5%
580.7845	Gallon Propane	5%
2318.193	kWh	6,792
1464.164	kWh	2,826

4071 HTG Hours

Date	Gal	Location	Cost	Rate
1/14/2022	392.8	Maint	1581.46	4.02612
1/21/2022	205.1	Res	941.85	4.59215

Assume 2 fills per year 4.309135

5,342 HDD Scranton  
0 Gal/Year

Date	Location	kWh	kWh HTG
Sep-19	392	459.5833	
Oct-19	1142	682.4167	
Nov-19	1903	1443.417	3.42 COP CLG
Dec-19	2747	2287.417	3.93 COP HTG
Jan-20	2212	1752.417	1.028362 kW/Ton Cooling
Feb-20	1796	1336.417	
Mar-20	1429	969.4167	8471.5
Apr-20	991		
May-20	392		
Jun-20	325		
Jul-20	283		
Aug-20	301		
Sep-20	532		
Oct-20	1101	641.4167	
Nov-20	2257	1797.417	
Dec-20	2440	1980.417	
Jan-21	2849	2389.417	
Feb-21	2262	1802.417	
Mar-21	1598	1138.417	9749.5
Apr-21	1068		
May-21	350		
Jun-21	288		
Jul-21	290		
Aug-21	303		

Showerhouse

Existing	Prop. Eff.
1 Bath house Occupants	0 Bath house Propane
63 Gal Each	95% Prop. Eff.
40%	0%
100 Occupants Per Day	
75% Average Assumed Occupied Rate	
# of People per Site/Day	
107 # of Days/Year 5/31/2019 9/15/2019	107

8,025	# of People Per Year
5	Gal of HW/Person/Day
40,125	Total HW Gallons Used Per Year

50	Make-Up Water Temp
120	Storage Water Temp
70	Temp Difference

8.34	Lbs/Gal
334,643	Total Lbs of HW
23	Total MMBTU
1.484304	Storage Losses MMBTU

Existing	Proposed	Units
72	72	gallon oil
0	0	Existing Propane Use
114	114	Gallon Propane

Office DHW	Beach House DHW	Res DHW
10 Occupants	100 Occupants	5 Occupants
5 gal/occ/day	5 gal/occ/day	5 gal/occ/day
365 days/year	110 days/year	365 days/year
80% occ rate	75% occ rate	100% occ rate
14600 Gal DHW/year	41250 Gal DHW/year	9125 Gal DHW/year
2851.536 kWh	8056.565 kWh	1782.21 kWh
120.1759 Gal Propane	339.538 Gal Propane	75.10993 Gal Propane
88% Efficiency	88% Efficiency	88% Efficiency

Date	Park Office kWh	kWh HTG
Sep-19	1257	715
Oct-19	743	28
Nov-19	1190	475
Dec-19	1329	614
Jan-20	2556	1841
Feb-20	2556	1841
Mar-20	1345	630
Apr-20	619	
May-20	1191	
Jun-20	2344	
Jul-20	2134	
Aug-20	2694	
Sep-20	529	
Oct-20	1001	286
Nov-20	1237	522
Dec-20	1541	826
Jan-21	1446	731
Feb-21	1280	565
Mar-21	936	221
Apr-21	776	
May-21	1114	
Jun-21	1734	
Jul-21	2146	
Aug-21	1586	



Assumptions

Maint

1	QTY
0.8333333	Tons per Unit
0.8333333	Total Tons
3623	CLG Hours Per Year (Total)
2432	CLG Hours Per Year (Occupied)

Existing	Proposed	
10000	10000	BTU/Unit
115	3.42	V COP
7.8	1.0283622	A kW/Ton
897		W
0.897	0.8569685	kW
11.15	11.67	EER Average

3,250	kWh
3,105	kWh

Controlled

Existing	Proposed	
2,182	2,084	kWh

Res

6	QTY
0.8333333	Tons per Unit
5	Total Tons
3623	CLG Hours Per Year (Total)
2432	CLG Hours Per Year (Occupied)

Existing	Proposed	
10000	10000	BTU/Unit
115	3.42	V COP
7.8	1.0283622	A kW/Ton
897		W
0.897	0.8569685	kW
11.15	11.67	EER Average

19,499	kWh
18,629	kWh

Controlled

Existing	Proposed	
13,089	12,505	kWh

Environmental Center

1	QTY
0.8333333	Tons per Unit
0.8333333	Total Tons
3623	CLG Hours Per Year (Total)
2432	CLG Hours Per Year (Occupied)

Existing	Proposed	
10000	10000	BTU/Unit
115	3.42	V COP
7.8	1.028362	A kW/Ton
897		W
0.897	0.856969	kW
11.15	11.67	EER Average

3,250	kWh
3,105	kWh

Controlled

Existing	Proposed	
2,182	2,084	kWh

Main Office DX

2	QTY	0.5 HP
3.416667	Tons per Unit	500 CFM Total
6.833333	Total Tons	1 Tons Cooling
3623	CLG Hours Per Year (Total)	2,552 SF
2432	CLG Hours Per Year (Occupied)	373.4634 SF/Ton

Existing	Proposed	
41000	41000	BTU/Unit
	3.42	COP
	1.028362	kW/Ton
3.933124	3.513571	kW
	11.67	EER Average

28,499	kWh
25,459	kWh

Controlled

Existing	Proposed	
19,131	17,090	kWh

	Savings	Existing	Proposed	Saved	Units
Maint	CLG	3,250	3,105	145	kWh
	Control	3,105	2,084	1,021	kWh
Environm	CLG	3,250	3,105	145	kWh
ental	Control	3,105	2,084	1,021	kWh
Main	CLG	28,499	25,459	3,040	kWh
Office DX	Control	25,459	17,090	8,369	kWh
Res	CLG	19,499	18,629	870	kWh
	Control	18,629	12,505	6,124	kWh

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Assumptions

	Savings	Existing	Proposed	Saved	Units
Main Propane		1,524	1,417	107	gal propane
Office Elec		22,403	20,835	1,568	kWh
Maint Propane		1,124	1,046	79	gal propane
Office Elec		20,035	18,633	1,402	kWh
Treatment Elec		15,787	12,235	3,552	kWh
Day Use Elec		21,446	16,620	4,825	kWh

Main Office		42,334 BTU/SF/YR
5136 SF Office		
22,403 kWh	20,835	
1,524 gal propane (calc'd)	1,417	

Maint Office		38,305 BTU/SF/YR
4500 SF Office		
20,035 kWh	18,633	
1,124 gal propane (calc'd)	1,046	

Treatment Building		83,124 BTU/SF/YR
648 SF Office		
15,787 kWh HTG	12,235	
0 gal propane (calc'd)	0	

Day Use		130,201 BTU/SF/YR
562 SF Office		
21,446 kWh HTG	16,620	
0 gal propane (calc'd)	0	

4071 HTG Hours	49%	Reduction for Occ
2063 HTG Occ Hours	251	hour reduction by 8 hour block
3623 CLG Hours	33%	Reduction for Occ
2432 CLG Occ Hours	148.875	hour reduction by 8 hour block

1% per 8 hours per degree

7 Degree Unocc  
7% per 8 hours

4071 HTG Hours	49%	Reduction for Occ
2063 HTG Occ Hours	251	hour reduction by 8 hour block
3623 CLG Hours	33%	Reduction for Occ
2432 CLG Occ Hours	148.875	hour reduction by 8 hour block

1% per 8 hours per degree

7 Degree Unocc  
7% per 8 hours

4071 HTG Hours	75%	Reduction for Occ
1031.5 HTG Occ Hours	379.9375	hour reduction by 8 hour block
0 CLG Hours	#DIV/0!	Reduction for Occ
0 CLG Occ Hours	0	hour reduction by 8 hour block

1% per 8 hours per degree

15 Degree Unocc  
23% per 8 hours

4071 HTG Hours	75%	Reduction for Occ
1031.5 HTG Occ Hours	379.9375	hour reduction by 8 hour block
0 CLG Hours	#DIV/0!	Reduction for Occ
0 CLG Occ Hours	0	hour reduction by 8 hour block

1% per 8 hours per degree

15 Degree Unocc  
23% per 8 hours

	Office kWh	Maint kWh	Treatment kWh	kWh HTG	7926.667 Avg Baseload Treatment	Day Use Comfort Station kWh	kWh HTG	652.9 Avg Baseload Comfort Station
Sep-19	2890	2886	7480			802		
Oct-19	2815	2152	9120	1193.333		3186	2533.1	
Nov-19	2358	2723	10080	2153.333		5252	4599.1	
Dec-19	2010	3053	13760	5833.333		5049	4396.1	
Jan-20	1435	2501	11800	3873.333		4966	4313.1	
Feb-20	1406	1933	9440	1513.333		4137	3484.1	
Mar-20	1243	1919	8680	753.3333	15320	4414	3761.1	
Apr-20	1290	2001	10960			1997	1344.1	24430.7
May-20	3697	1578	9800			672		
Jun-20	3990	1547	10840			463		
Jul-20	4016	1568	11960			433		
Aug-20	2918	1653	14160			604		
Sep-20	1824	1371	12080			970		
Oct-20	1459	1597	13240	5313.333		2129	1476.1	
Nov-20	1491	2127	14560	6633.333		4187	3534.1	
Dec-20	1488	2885	12560	4633.333		4396	3743.1	
Jan-21	1593	2690	17600	9673.333		5189	4536.1	
Feb-21	1589	1818	12920	4993.333		3276	2623.1	
Mar-21	1702	1338	8720	793.3333	32040	2402	1749.1	
Apr-21	1872	1281	6320			1452	799.1	18460.7
May-21	2373	1165	6920			1061		
Jun-21	2949	1325	12920			457		
Jul-21	2217	1175	11400			449		
Aug-21	1846	1263	13240			618		

ECM 55

EXISTING CONDITIONS												PROPO		
Map Code	Park	BLD	Rate	ECM Code	QTY	Sq Ft Needed	Existing R Value	Proposed R Value	Description	Current Heating MMBTU's	Current Cooling MMBTU's	x	QTY	Sq Ft Needed
3	RIDLEY CREEK	OFFICE/MANSION	24	INT STW	120	2,100	0.82	1.43	EXISTING SINGLE PANE WINDOW	317.77	61.46		120	2,100

SED UPGRADE				SAVINGS						
Description	Proposed Heating MMBTU's	Proposed Cooling MMBTU's	Notes	Heating MMBTU's	Therms Savings	Cooling MMBTU's	kWh Savings	Heating \$\$ Savings per Year	Cooling \$\$ Savings per Year	Total \$\$ Savings per Year
INSTALL NEW ENERGY EFFICIENT INTERIOR STROM WINDOW	182.22	35.24		135.55	1,694.38	26.22	2,731.11	\$ 4,371.50	\$ 218.49	\$ 4,589.99