

Date of Issue: July 13, 2022

Department of General Services
Energy and Resource Management Office
401 North Street, Room 403 North Office, Harrisburg, PA 17120

Bulletin Number 2

on

Project No. GESA 2022-1 – Request for Quotes for a Guaranteed Energy Savings
Project at:

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

Quote Submission Deadline: Wednesday, August 17, 2022

Time of Opening: 2:00 PM

REQUEST FOR INFORMATION

1. Will the energy payback of 18 years be evaluated by Park or for the entire project? **The entire project.**
 2. Please provide sample bills for all accounts and utility type (electricity, natural gas, propane, oil). **Available sample bills are attached to this bulletin as Attachment A.**
 3. Please provide a building list and square footages for each park. **Building names and square footage information is attached to this bulletin as Attachment B.**
 4. Please provide park schedules.
 - a. **Beltzville:** Off season office hours are 8am – 4pm Monday – Friday. Memorial Day to Labor Day office hours are 8am – 4pm, 7 days a week.
 - b. **French Creek:** 24 hours
 - c. **Jacobsburg:** Monday – Friday 8am – 4pm
 - d. **Lackawanna:** Monday – Friday 7am - 3pm
 - e. **Loyalsock:**
 - i. Resource Management Center:
 1. Public hours: 8am – 4pm
 2. Employee hours: Mon-Thurs: 7am – 5pm, Fri: 7am – 6am (variable*), Sat/Sun: 9am – 5pm (variable*)
 - ii. Forest Maintenance Headquarters:
 1. Public hours: 8am – 4pm (seasonally, mid-March to early-December)
 2. Employee hours: Mon-Thurs: 7am – 5pm, Fri: 7am – 6am (variable*), Sat/Sun: 9am – 5pm (variable*)
- * DCNR Rangers and their support clerk work a variable schedule that includes

Fridays, Saturday, and Sundays. Hours are generally in the window of 8AM to 6PM but can be as late as 11PM during targeted enforcement efforts. Rangers would generally be in the field working, not in office, but the support clerk would generally work matching hours at the Forest Maintenance Headquarters.

- f. **Nescopeck:** Monday-Friday 8am – 4pm
 - g. **Neshaminy:** Park gates are open 8 am to sunset. Office is open 8-4. Pool is open 12-6.
 - h. **Nolde Forest:** Monday to Friday, 8am – 4pm
 - i. **Promised Land:** Office currently open 7 days a week 8am – 4pm. Off season hours are Monday – Friday 8am – 4pm.
 - j. **Ridley Creek:** Park is open daily from 7am - sunset. Office is open Monday-Friday 8am – 4pm.
 - k. **Tobyhanna:**
 - i. Office is open 7 days a week from early April until mid-October to coincide with campground operation and Monday - Friday 8am – 4pm outside of camping season. Hours of operation vary between 8am – 4pm and 8am – 6pm dependent on the portion of the season.
 - ii. All maintenance buildings are in operation 7am – 3pm, Monday - Friday in the off season. They go to 7-day a week operation between early April and early October.
 - iii. Campground shower houses are open 24-7 from Early April until mid-October.
 - iv. Beach house is open 24-7 from late May thru Columbus Day.
 - v. Boat rental hours of operation vary slightly, but are typically 10am – 7pm, seven days a week between Memorial Day and mid-September, weather dependent.
 - vi. Park residence is occupied continuously, with the residence shed being utilized.
 - vii. Comfort station in parking lot 1 is open year-round.
 - viii. Both pavilions are available for use year-round.
 - ix. Cattell House at Big Pocono is utilized by the friends group and is rarely in use.
 - l. **Tyler:** Park is open 365 days a year, 8am - sunset. The office is open 8am – 4pm, Monday to Friday.
 - m. **Weiser:** Monday – Friday 8am – 4pm.
5. Please provide all solar production data.
- a. **Beltzville, Lackawanna, Loyalsock, Nescopeck, Neshaminy, Nolde, Promised Land, Ridley Creek, Tobyhanna, Tyler:** N/A.
 - b. **French Creek:** 2kW
 - c. **Jacobsburg:** 104 kW array is scheduled to be installed summer of 2022; 3.4kW array at the office (already installed).
 - d. **Weiser:** 83.6 kW

6. Please provide annual operational and maintenance costs to be considered in this response.
- a. **Beltzville:** \$35,750
 - b. **French Creek:** \$457,000
 - c. **Lackawanna:** \$44,344.26
 - d. **Nescopeck:** \$1,475
 - e. **Neshaminy:** \$1,500
 - f. **Nolde:** \$102,000
 - g. **Promised Land:** ~\$115,000 (includes utilities and repair costs; does not include items to stock facilities such as toilet paper, soap, etc. Doesn't not include campsites; just washhouses in campgrounds and other buildings)
 - h. **Ridley Creek:** \$217,000 for both Ridley & White Clay as their budget is combined
 - i. **Tobyhanna:** \$109,000
 - j. **Tyler:** \$110,000
 - k. **Weiser:** \$83,000
7. Aside from Lackawanna (propane), Nolde (natural gas) and Loyalsock (oil) are there any other parks that use a fuel other than electricity for heat? **Yes.**
- a. **Beltzville:** Oil and propane
 - b. **French Creek:** Propane, oil, and wood
 - c. **Jacobsburg:** Oil and wood
 - d. **Lackawanna:** Propane and oil
 - e. **Loyalsock:** The backup generator (located at Resource Management Center) uses diesel fuel. Generator runs when electricity is out and provides power for primary systems in the building which include heating/cooling.
 - f. **Nescopeck:** Geothermal, oil, and propane
 - g. **Neshaminy:** Oil (in manager's residence and maintenance area)
 - h. **Nolde:** Natural gas in office, McConnell classroom and maintenance; oil for residence; propane for sawmill restroom
 - i. **Promised Land:** Propane (located in most of the facilities for heating and hot water)
 - j. **Ridley Creek:** Oil
 - k. **Tobyhanna:** Park residence is heated primarily with oil plus a propane fireplace insert and a small ventless wall mount propane heater as needed. Maintenance HQ and the carpenter shop are both heated with oil. The Maintenance HQ also has a wood burner for supplemental heating when needed. The primary heating source for the park office is electric base board. There are also 3 ventless wall mount propane heaters and a propane fireplace insert for supplemental heating as needed.
 - l. **Tyler:** Oil in both the park office and maintenance buildings.
 - m. **Weiser:** Oil and wood pellets
8. Please provide water consumption / usage information.
- a. **Beltzville, French Creek, Loyalsock, Nescopeck, Nolde, Promised Land, Tobyhanna, and Weiser:** All water comes from wells. There aren't any meters,

- and the usage is unknown.
- b. **Jacobsburg, Ridley Creek and Tyler:** Water usage information is attached to this bulletin as Attachment C.
 - c. **Lackawanna:** The park owns a water tower.
 - i. Usage in 2021: 2,373,700 gallons
 - ii. Usage in 2022 YTD: 1,638,300 gallons
 - d. **Neshaminy:** The park does not pay for water due to an onsite aqua lease, except for the marina which is \$65,000 annually.
9. Provide a list of buildings with geothermal HVAC.
- a. **Lackawanna:** Educational learning center and park office
 - b. **Loyalsock:** Resource management center (uses well field of 21 wells with glycol tubing)
 - c. **Nescopeck:** Visitor center
10. Which buildings at Lackawanna State Park have energy recovery? **Unknown**
11. In regard to ECM #43, "Nescopeck – Add Destratification Fans", which building(s) should be included? **This ECM encompasses the park office and environmental center lobby and vestibule. The lobby / vestibule is often reported as being cold in the winter at floor level while the high ceiling retains the warm air that rises from the space.**
12. In regard to ECM # 46, "FD 18 Weiser - Evaluate Roof Insulation", which building(s) should be included? **This ECM should be applied to the Bear Gap site. The vehicle maintenance facility has an upgraded standing metal seam roof, but it was not known whether the existing flat roof beneath was insulated at the time of upgrade.**



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Energy & Resource Management Office

Please acknowledge receipt of Bulletin by email response to Becky Tomlinson at:
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