



**Henderson Water Utility**  
WATER • WASTEWATER • STORMWATER

 270.826.2421

 [www.hkywater.org](http://www.hkywater.org)

 111 Fifth Street  
Henderson, KY 42420

**Memo To:** RFP Respondents

**From:** Tom Williams, P.E.  
HWU General Manager

**Re:** Distributed Energy Project – South Plants - Addendum No. 1  
Bid Reference: 2021 - 24

**Date:** 13 July 2021

Questions from Respondents, and Answers, so far:

1. Question: *The RFP mentions 1MW for the minimum system size. Is this referring to the AC or DC size of the system?*

Answer: AC.

2. Question: *Is 15-minute interval data obtainable from Kenergy for all metered accounts relevant to this project? This would be extremely valuable data when calculating the appropriate size for the battery energy storage system requested.*

Answer: We are attempting to get that information from Kenergy.

3. Question: *Are there any boundary or site topographical surveys available?*

Answer: The available site is fenced, and there are no current topo surveys available.

4. Question: *Are there any site geotechnical/soil data on file?*

Answer: None for the areas where this PV field will be located.

5. Question: *The RFP mentions a 15-year service agreement with monthly lease payments. Is this referring to a PPA, or cash purchase through financing, or some other intent?*

Answer: Lease Purchase, which allows the vendor to take advantage of the ITC.

6. Question: *Typical degradation rates for commercial monocrystalline modules range from .5%-.7%. The RFP specifies .3% which would be achievable with a very limited selection of ultra-premium modules. Is it the intention of Henderson Water Utility to specify such a high-cost premium module for this project?*

Answer: Yes

7. Question: *If approved, what is the build window/timetable for this project?*



Answer: No big rush, open to negotiation on that.

8. Question: *Are there any limitations on key component sourcing origin, such as requirements for Made in USA.*

Answer: No, since this is being paid from operating budget, without grant funds. Prevailing wages also do not apply.

9. Question: *Is there a requirement for a step-up transformer, supply line and disconnect/switching systems? Who would be the appropriate contact at Henderson Water Utility to discuss interconnection needs and required studies/costs if interconnect requirements are not known?*

Answer: A step-up transformer, supply line, and disconnect/switching system is not required in your response. We do not intend to export power at 1 MW. Any study required by Kenergy would not be included in your bid. Interconnection is not an option.

10. Question: *Is fencing required around perimeter of solar PV array and balance of systems?*

Answer: No, site is already adequately fenced.

11. Question: *Would be interested in understanding the design basis for 8-hour energy storage duration. Is this meant to cover entire plant operation, or only specific plant equipment?*

Answer: Battery option is to allow the system to continue to produce power if grid is down.

12. Question: *Is economic evaluation criteria for storage separate from the PV component required as there are no direct cost savings with energy storage.*

Answer: Evaluation separate.

13. Question: *Are plans available showing location of any underground utilities?*

Answer: Yes, but they are limited. HWU will mark utilities prior to any work being performed. There are no private utilities on the sites, only process piping and control wiring.

Response due date/time remains the same: 1:30 p.m., 22 July 2021.

If you have further questions, feel free to call me at 270.826.2421 (Office).

Cc: Bart Boles, HWU Project Engineer  
Kathy Manker, HWU Procurement Manager