



## Backup Generation Solutions for Emergency Operation of Water Systems During Extended Power Outages

Solicitation No.: F-21-001-JAM  
Addendum 1 | November 9, 2021

### RESPONSES TO QUESTIONS

1. QUESTION: What can be the assumed load shapes for the 500 kW, 2 MW and 5 MW demand load scenarios? 12 months of IDR data for the three demand load scenarios would be most preferred.

ANSWER: *No assumed load shapes will be provided at this time.*
2. QUESTION: Can we assume one load meter per site?

ANSWER: *Yes, that can be assumed.*
3. QUESTION: Can SAWS provide the interconnection voltages for the three load scenarios?

ANSWER: *Assume 4160V for 2 MW and 5 MW scenarios and 480V for 500 kW scenario.*
4. QUESTION: Is the vendor responsible for bringing gas to the site? Who are the gas providers at the sites?

ANSWER: *Responsibility for bringing gas to the site is subject to negotiation with the contract terms. The gas provider for the sites is CPS Energy.*
5. QUESTION: What input or responses from CPS have been received on SAWS desiring to use the GEN to synchronize with the CPS grid to provide load reduction and export of excess generation?

ANSWER: *SAWS and CPS Energy have been coordinating on the potential for distributed generation and CPS Energy will be participating in review of any Requests for Interest received under this solicitation.*
6. QUESTION: Does SAWS have any ESG goals associated with this described project?

ANSWER: *While specific ESG goals have not been set, sustainability and environmental impacts may be evaluation factors.*
7. QUESTION: Which natural gas company, or companies, are within reasonable proximity to the SAWS locations identified to have such access?

ANSWER: *CPS Energy is the natural gas provider in the SAWS service area.*
8. QUESTION: Will the installation of the described generation scope likely result in the retirement of existing backup generation facilities?

ANSWER: *No.*

9. QUESTION: What maximum duration of continuous backup generation operation at any, or all, sites are expected by SAWS during utility electric service interruption?  
ANSWER: *At this time, the maximum duration is assumed to be 5 days.*
10. QUESTION: Would any service locations benefit from “bumpless” transition from electric utility service to backup generation when such need occurs.  
ANSWER: *This needs to be further evaluated.*
11. QUESTION: Does SAWS currently, or plan to, utilize natural gas vehicles for its operations, maintenance and/or other business functions?  
ANSWER: *The use of natural gas vehicles is not being considered under this solicitation.*
12. QUESTION: If such contract term is established, what is the expected term length currently envisioned by SAWS?  
ANSWER: *This has not been confirmed but is anticipated to be at least 20 years.*
13. QUESTION: Are any of the described facilities electrically interconnected to any transmission voltage (>60kV) services, or are all served at a distribution voltage (<15kV) level?  
ANSWER: *All are served at distribution voltage.*
14. QUESTION: Do any identified facilities require N+1 backup generation capabilities?  
ANSWER: *No.*
15. QUESTION: Is the RFI for standby backup generators only? Bullet point 3 in the RFI seemed to show interest in a demand response scenario. Please confirm SAWS intentions for this RFI.  
ANSWER: *The RFI is for backup generation solutions, which could include demand response or other grid hardening use.*

**END OF ADDENDUM 1**

This Addendum is two (2) pages in its entirety. There are no attachments.