

RFO: Energy Resilient Municipal Critical Facilities

1. *Does Ava have site-specific emissions and air quality reporting available?*
 - a. Not immediately but Ava is looking for more information on this.
 - b. For operation of diesel generators, cities may have this data to provide if it is of interest.
2. *What are existing or expected Ava/Member Community data recording/reporting methodologies?*
 - a. Yet to be determined
3. *Are there existing target goals for improvements in both emissions and reliability?*
 - a. Yes - please refer to city planning documents if available.
4. *Has there been a history of Budgetary Non-Appropriation Events with any of the member Municipal entities?*
 - a. Not that Ava is aware of, but respondents are urged to review this topic independently if this is of interest.
5. *“The system must be able to support critical loads, estimated at 25% of peak consumption, during a multi-day outage” - Is there a definition of multi-day outage that the battery is expected to provide critical loads?*
 - a. Ava’s independent engineering team modeled for 3 days but given appropriate system sizing and proper management of loads, the event duration would theoretically be unlimited. It should also be noted that onsite loads will be modified to account for micro-grid operations.
6. *“Commercial Operation Date of 09/01/2025” - What is the anticipated contract complete date and Notice to Proceed to build the schedule for that COD? Is that COD only for the 32 Core Sites, or expected for the 32 Core Sites + 48 Additional Sites? If it does not include the 48 Additional Sites, what is the anticipated COD for the Additional Sites?*
 - a. The COD in the RFO refers to 61 sites where interconnection applications were submitted. Ava is willing to revisit any additional sites beyond those with IC during negotiations to see if and how they would fit in.
 - b. We request that respondents provide a representative schedule for discussion per section 3 of the RFO, which can be further refined and discussed with Ava.
7. *Does Ava have a preferred list of power generating technology or a list of technologies they prefer not to use?*
 - a. Please refer to the RFO protocol and PPA for equipment requirements.

Attachment D: Preliminary Engineering Package

8. Solar PV Production Guarantee

- a. *Is the production guarantee applicable to all 20 years of the PPA or only the first year? Is this guarantee intended to be per site? Per city PPA? An aggregate of the 32 core sites?*
 - i. All 20 years; per city PPA
- b. *Is this degradation an average degradation across the 20 years or a single year?*
 - i. Over 20 years
- c. *Is degradation accounted for in the Performance Guarantee?*
 - i. Yes, degradation is intended to be included in the Performance Guarantee.
- d. *Is the solar Performance Guarantee figure 85% or 90%?*
 - i. 90%

9. BESS Guarantee

- a. *Is replacement/augmentation the only option for maintaining the required minimum 85% of the system nameplate capacity? Can the batteries be overbuilt?*
 - i. We can discuss alternatives for delivering the same level of performance during negotiations though respondents are reminded that there is a strict cost-neutrality element to this procurement.

Attachment E Solar Plus Storage Developer Agreement

- 10. *How are Ava/Communities defining “Critical Facilities”?*
 - a. Critical Facilities: facilities where member agencies believe energy resilience is valuable.
- 11. *Are utility outage histories available?*
 - a. Yes - this data could be provided to shortlisted respondents.
- 12. *What are the duration and frequency of current outages?*
 - a. This data should be available in SAIDI, SAIFI, CAIDI, and MAIFI data. Also, see [Electric System Reliability Annual Reports](#).

Attachment G (do not have yet): Site List

- 13. *How are Ava/Communities defining “Critical Facilities”?*
 - a. Critical Facilities: facilities where member agencies believe energy resilience is valuable.
- 14. *Are utility outage histories available for each site?*
 - a. Yet to be determined - can be shared if available.
- 15. *Are any of these Critical Facilities equipped with back-up generators, and if so, what is the fuel source and what are the dispatch protocols?*
 - a. Diesel is the typical fuel. Dispatch protocols vary by site due to each site having different operational needs.
- 16. *Are any facilities equipped with any power generating/DG systems?*
 - a. Some sites have some existing solar but no sites have an existing non-PV central power plant.
- 17. *What is the critical mission of each site?*
 - a. Varies by site. This information can be detailed for shortlisted respondents.

PPA: Solar Power Purchase & Battery Energy Storage Services Agreement

18. *Is the Removal Fund to be Member/City specific per the individual City Portfolios or for the entire Portfolio of projects the Seller is awarded*
 - a. The entire portfolio. Covers all sites.
19. *If Systems are removed regardless of reason, does Ava or the Member City have recycling mandates?*
 - a. Ava is not aware of PV recycling mandates. The selected provider will have to comply with local mandates.
20. *If the City Facilities undergo projects or operation changes that significantly impact the facility energy load/power requirements, are there remedies in place for a Price Change or Performance/Delivery Guarantees?*
 - a. Cities will be bound to the purchase of all power delivered by each PV system per the terms of their PPAs.
21. *With respect to the ITC, do any of the Member Communities qualify as an Economic Zone under the IRD/ITC definitions?*
 - a. Use the site specific information to verify the status of each community/site.