

**Greenville Utilities Commission**

**Written Question Responses – Set 3**

**RFP – 25-49 Advanced Metering Infrastructure (AMI) Vendor Procurement Issued:**

**9/11/25**

**Purpose of Document**

This document serves as the third set of Written Question Responses for RFP 25-49. It is intended to formally address questions submitted by prospective vendors in response to the RFP. The responses provided herein are for clarification purposes only and shall be considered an official part of the RFP package.

**Structure of Responses**

- Questions are presented in the order received.
- Responses provided represent the official position of GUC.
- In cases where the RFP language is modified, the response will clearly indicate such changes and reference the associated Addendum.

**Future Responses**

Additional Written Question Response sets may be issued as clarifications are deemed necessary. Vendors are responsible for ensuring that they have received and reviewed all Written Question Responses prior to submitting their proposals.

**Written Question Responses**

ID	Question	GUC Response
149	Are the composite lids for the boxes on water side pre-drilled for a specific radio type? What are the dimensions of the hole for the radio?	The composite lids for the water meter vaults are being procured as part of this project because existing lids are cast iron and not all are pre-drilled for a specific radio type.
150	Does GUC desire to implement service disconnect meters as part of the their deployment? If so, what forms and quantities of each form need to be quoted to incorporate SDS?	Yes, GUC desires that all available electric meter forms have service disconnect capability. The specific forms and quantities to be quoted are provided in Section F – Pricing Matrix under the Electric AMI Meters tab.
151	GUC Business system description indicates there exists some LCM today. Is it GUC's intent to completely replace that or integrate it into the existing AMI solution in totality or partiality?	Replace.
152	As part of the MDP, does GUC intend to replace any or all of its water or gas metering infrastructure or simply retrofit these with the chosen vendor's communications module?	GUC intends to retrofit all water and gas meters with the chosen vendor's communication module.

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153	We see that GUC has some applications on-prem and some in the cloud. Is a hybrid solution an acceptable approach going forward?	Yes.
154	GUC lists and intent for functional and technical review of the existing Schneider OMS solution. Is it GUC's expectation to replace that with a new solution and if so, what OMS alternatives are being considered?	GUC is actively evaluating its existing Schneider OMS system and anticipates replacing it in the future.
155	Does GUC have a cellular plan today and are there any fielded devices today that utilize that plan?	Yes.
156	If GUC does have a cellular plan, what cellular carrier provides that service?	FirstNet (AT&T) is the primary. T-Mobile and Verizon are employed in niche use cases.
157	Is there any portion of GUC's existing infrastructure that they desire to keep/maintain within the new AMI deployment (other than backend software applications such as CIS, MDM, GIS, SCADA, WOMS, OMS, Customer Portal, Meridian IDEA, and IVR)?	MV90.
158	Beyond system deployment, what scope and duration will GUC require Project Management to support?	GUC expects project management support during both TIP and MDP phases.
159	How were the AMI vendor rankings arrived at and what sources of data were used?	The AMI vendors responding to this RFP are currently not ranked. Please refer to Section C.8 – Evaluation of Proposals for the evaluation methodology that will be applied in reviewing and scoring proposals.
160	Does GUC own/operate any generation today including renewable resources?	GUC owns one 500 kW solar facility and 24 MW of peak shaving generation.
161	What is GUC's best estimate as to when the TIP would start?	The specific commencement date for the Technology Implementation Phase (TIP) is still to be determined. The best estimate is during Q2 2026.
162	Will the TIP involve only 1 or more than 1 AMI vendor?	The TIP phase will involve only the selected AMI vendor.
163	RF spectrum (B.5.1.3–5): Will GUC consider licensed spectrum for collectors/feeders, or should we assume unlicensed only?	GUC will consider proposals with licensed spectrum.
164	MDMS timing (Table 2; B.5.2): Should we plan HES↔CCS during TIP/early MDP and pivot to MDMS later? If so, what is the anticipated timeline?	Yes, CCS will be configured to provide MDM functionality during the TIP. The current draft timeline is Q2 2026.

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165	Supply ramp & lead times (B.5.3; Tables 7–8): For the selected deployment path (5-year vs 8-year), are <4-week lead times and specific monthly delivery ramps required for meters/modules?	The selected vendor should plan for a maximum of 2,900 endpoints/month or 34,800 endpoints/year for either the five- or eight-year deployment path. Endpoints are a combination of electric meters, gas and water ERTs. Supply ramp and lead times should match monthly demand.
166	TIP acceptance gates (B.3.2): What success thresholds (coverage %, read reliability, outage KPIs, integration tests) must AMI and DR meet before MDP authorization?	Coverage: 99.5% Read Success Rate: 99.5% Billing Read Success: 99.9% Outage KPIs: 99% outages detected with 99% restorations within 5 minutes Integration Test: 99% of outage and 100% of billing integration test cases pass Security: 100% of security and role-based authentication tests pass
167	Legacy load control migration (B.2.2; B.5.4): For the 27,380 one-way switches, should we plan reuse/migration or a transition to two-way devices? Any mandated OEMs/retrofits?	GUC existing legacy load control switches are one way communication devices. GUC plans to replace all existing switches with two way devices. GUC has not mandated an equipment supplier for the replacement switches.
168	Event ack & latency (B.5.4.15–16; B.5.1.21): Please confirm send-to-ack targets by device class and whether DR control traffic should be priority-1 on the AMI network.	DR Remote Connect/Disconnect Control Traffic: Priority 1 ACK Success Rate: 99% NAK / Failed Message Rate: <1% Retries: 2-3 attempts Command Success Rate: 99% Response Latency: 30 seconds for electric, 5 minutes for water & gas
169	We have an additional question related to load control. Our solution offers a load control switch that contains three relays for individually controlling three separate devices at the same premises. GUC's RFP refers to load control modules. Is it correct to say that each 'relay' in our switch equates to a 'module' in GUC's description?	Yes.
170	Primary objectives & success metrics: What DR outcomes is GUC targeting (e.g., MW peak reduction for coincident peak, feeder/substation relief, economic DR, winter peak management)? Please specify seasonal MW/MWh targets and preferred KPI definitions to guide program design and M&V.	Replacement of existing load management switches is in scope for this project. However, GUC is very interested in exploring future opportunities to improve coincident peak reduction through smart thermostats, EV control and feeder volt/var optimization.

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171	Device scope confirmation: RFP lists controllable classes (water heaters, A/C, heat strips, electric furnaces, DG, etc.). Are EVSE and smart thermostats in-scope at go-live or future phases? Any priorities by class? (Ref. B.5.4 System Overview & Device Compatibility.)	GUC has partnered with Ecobee controlling smart thermostats. In the future we would like to control all manufacturer's smart thermostats and EV residential chargers through the AMI platform or another software solution.
172	Legacy load control migration: GUC notes 27,380 load control switches in its electric service details. Does GUC want migration/reuse strategies for these one-way devices, or a net-new two-way portfolio? Any mandated OEMs or retrofit constraints?	GUC will not migrate existing one way LM switches. Our expectation is all legacy switches will be replaced with new two way devices.
173	Pilot/TIP alignment: The Technology Implementation Phase (9–12 months) describes a metering pilot. Should the DR pilot ride along (e.g., 500 A/C switches + 250 water heaters), or follow a separate track? What minimum pilot success criteria apply to DR before mass rollout? (Ref. B.3.2 TIP/MDP.)	Yes. Any location included in the metering pilot with an existing load management switch will be upgraded. Our target would be 50 A/C and 50 water heaters.
174	Customer segments: Any targets for residential vs. C&I enrollment (e.g., hospitals, schools, big box retail)? Enrollment caps by circuit/feeder? (Ref. Electric/Water/Gas customer composition.)	GUC has not actively promoted/advertised the load management program for several years due to the age of our existing system. We plan to advertise and hopefully grow the number of customers enrolled once a new system is identified.
175	Does Honeywell need to provide pricing for new load control switches?	All manufacturers should provide pricing for new load control switches.
176	For Load Control Switches. What is the current system being used to manage the Enertek Systems Inc Load Control Switches? Is all load control switches from Enertek system or any additional vendors?	EnTek LLC manufactures the load control switches and transmitter control.
177	Are there multiple systems in place for load control switches?	GUC has one tower location and one water tank location with transmitter facilities.
178	How old are the current Load Control Switches?	Plan to replace all load control switches.
179	If the existing Load Control Switches can't be retrofitted is replacement an option? How many years of life left on the existing Load Control Switches?	Plan to replace all load control switches.
180	Is the scope of the RFP for DERMS tied to Load Control Switches? Any scope of Grid DERMS that needs to be accounted for?	The scope of the RFP for DERMS is tied to load control switches and capabilities of the proposed solution. GUC owns a single 500 kW community solar system, 24 MW of peak shaving generation and one 2 MWH BESS.

ID	Question	GUC Response
181	For integration purpose does the AMI needs to integrate with MDMS, CIS, GIS, OMS, Customer portal separately? Or does AMI HES integrates with MDMS which in turn will be integrated with CIS/GIS/Customer Portal?	GUC intends to utilize the MDM functionality within its existing CIS, Oracle CCS. Other integrations are open to discussion of best practice and both pro and con.
182	Are all the water meters in pit locations?	Yes, all in pits or underground cast iron boxes.
183	Can we get the list of encoded register models for each water meter?	All meters are either the Badger or Mueller ADE encoded registers. The size breakout of each meter size is in the RFP in the water meter listing table.
184	Can we get the list of gas meter vendors and their specific models for each gas meter? RFP mentions meter type but not the exact vendor models.	Majority of the meter are American Meters with a few Sensus. We have the AC250 2PSI/STD, AL425, AL800, AL1000,AL1400, AL2300, 3.5/5.5/7M/9M/14 Rotaries, and GT 3/4/8 Turbines
185	Is the expectation in the managed services that it is proposals responsibility for field operations?	Expectations of Managed Services post implementation are to be defined during contract negotiations.