



**SALT RIVER ELECTRIC**

A Touchstone Energy Cooperative 

111 West Brashear Avenue • Bardstown, Kentucky 40004  
(502) 348-3931 • (502) 955-9732 • Fax (502) 348-1993

RECEIVED

OCT 30 2019

PUBLIC SERVICE  
COMMISSION

October 25, 2019

Ms. Gwen R. Pinson  
Executive Director  
KY Public Service Commission  
211 Sower Boulevard  
Frankfort KY 40601-8294

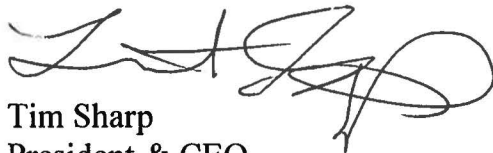
Re: Certificate of Public Convenience and Necessity

Dear Ms. Pinson:

Attached you will find Salt River Electric Cooperative Corporation's application for a Certificate of Public Convenience and Necessity to install an Advanced Metering Infrastructure System (AMI). Also enclosed is a motion for confidential treatment of certain information contained in the application. Accordingly, 10 copies of the application with the confidential information redacted are included, and one copy in a separate envelope marked "confidential" with the confidential information highlighted in yellow is also included.

Please contact Tim Sharp, [tjsharp@srelectric.com](mailto:tjsharp@srelectric.com) 502-350-1605, President and CEO, at Salt River Electric should you have any questions or need additional information.

Respectfully,



Tim Sharp  
President & CEO

Attachments

RECEIVED

OCT 30 2019

PUBLIC SERVICE  
COMMISSION

**COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION**

**In The Matter of:**

<b>THE APPLICATION OF SALT RIVER ELECTRIC</b>	)	
<b>COOPERATIVE CORPORATION FOR AN</b>	)	
<b>ORDER ISSUING A CERTIFICATE OF PUBLIC</b>	)	<b>CASE NO.</b>
<b>CONVENIENCE AND NECESSITY</b>	)	<b>2019- 00399</b>
	)	

**APPLICATION**

Salt River Electric Cooperative Corporation, of Bardstown, Kentucky, hereinafter referred to as "Salt River", respectfully states:

1. The full name and address of Applicant is:

Salt River Electric Cooperative Inc.  
 111 W Brashear Ave.  
 Bardstown, Kentucky 40004  
 Email contact for this application: tjsharp@srelectric

2. Salt River is a corporation, duly organized, created and existing by and under the laws of the State of Kentucky, and is engaged in the business of supplying retail electric service in Bullitt, Nelson, Spencer and Washington Counties in Kentucky.

A certified copy of the Articles of Incorporation has been previously filed in Case No. 2019- with the Kentucky Public Service Commission hereinafter referred to as the "Commission".

3. Salt River is applying for the issuance of a Certificate of Public Convenience and Necessity (CPCN) to install an Advanced Metering Infrastructure (AMI) system over a 48-month period.
4. Estimated cost of the project is shown in Appendix A, Estimated Meter and Infrastructure Cost

5. The anticipated annual cost of operations, excluding cost of power, for the AMI system is in Appendix C Aclara Reoccurring Costs
6. Salt River is a non-profit cooperative corporation, and no kind of stock is desired or would be issued. Salt River has filed an application with and received approval from Rural Utility Service (RUS) securing all necessary financing of AMI implementation (Appendix E RUS Approval of 2019-2022 Construction Workplan). The proposed AMI project would be financed initially with internally generated funds, and a short-term line of credit will be used until such time as RUS loan funds are needed.
7. Attached as part of this application are the following:
  - Exhibit 1 - Certificate of Existence
  - Exhibit 2 - Assessment, Research and Vendor Selection
  - Exhibit 3-AMI Technology and Infrastructure
  - Exhibit 4 - Summary of Benefits to Salt River Energy and Consumers
  - Appendix A- Estimated Meter and Infrastructure Installed Cost
  - Appendix B-Vendor Comparisons
  - Appendix C- Aclara Reoccurring Costs
  - Appendix D- Salt River Board Approval of Aclara System
  - Appendix E- RUS Approval of 2019-2022 Construction Workplan
8. WHEREFORE, applicant Salt River Electric Cooperative Corporation, respectfully requests that the Public Service Commission of Kentucky grant a certificate of convenience and necessity authorizing Salt River Electric Cooperative, Inc. to install an advanced metering infrastructure (AMI) system.


DATED: This 25<sup>th</sup> day of October, 2019.

COMMONWEALTH OF KENTUCKY

COUNTY OF NELSON,

Tim Sharp, after first being duly sworn, deposes and says: That he is the President and Chief Executive Officer of Salt River Electric Cooperative Corporation, a rural electric cooperative corporation, duly organized and doing business under the Rural Electric Cooperative Corporation Act of the Commonwealth of Kentucky: That he has read the foregoing Application and knows the contents thereof: That the same is true of his own knowledge except as to such matters as are therein stated on information or belief, and as to those matters he believes it to be true.

SALT RIVER ELECTRIC COOPERATIVE CORP.


  
\_\_\_\_\_  
Tim Sharp, President and CEO

STATE OF KENTUCKY

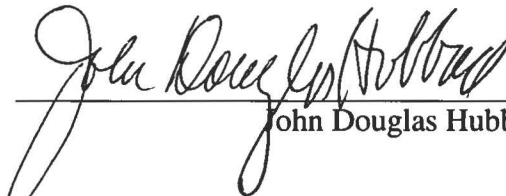
COUNTY OF NELSON

The foregoing was subscribed and sworn to before me this 25<sup>th</sup> day of October, 2019, by Tim Sharp, President and CEO of Salt River Electric Cooperative Corporation.

NOTARY PUBLIC, STATE AT LARGE

  
\_\_\_\_\_  
Commission expires 07-05-2023 I.D. 626327

The foregoing instrument was prepared by John Douglas Hubbard, Attorney-at-Law, Fulton, Hubbard & Hubbard, 117 East Stephen Foster Avenue, Bardstown, Kentucky. No title examination was performed by the undersigned in the preparation of this document.

  
\_\_\_\_\_  
John Douglas Hubbard



**COMMONWEALTH OF KENTUCKY  
BEFORE THE  
PUBLIC SERVICE COMMISSION**

**In The Matter of:**

<b>THE APPLICATION OF SALT RIVER ELECTRIC</b>	)	
<b>COOPERATIVE CORPORATION FOR AN</b>	)	
<b>ORDER ISSUING A CERTIFICATE OF PUBLIC</b>	)	<b>CASE NO.</b>
<b>CONVENIENCE AND NECESSITY TO INSTALL</b>	)	<b>2019- 00399</b>
<b>AN ADVANCED METERING INFRASTRUCTURE</b>	)	
<b>SYSTEM (AMI) PURSUANT TO KRS 807</b>	)	
<b>KAR 5:001 AND KRS 278.00</b>	)	
	)	

**SALT RIVER ELECTRIC COOPERATIVE CORPORATION'S MOTION FOR  
CONFIDENTIAL TREATMENT OF CERTAIN INFORMATION CONTAINED IN THE  
INCLUDED APPLICATION FOR A CERTIFICATE OF PUBLIC CONVENIENCE AND  
NECESSITY**

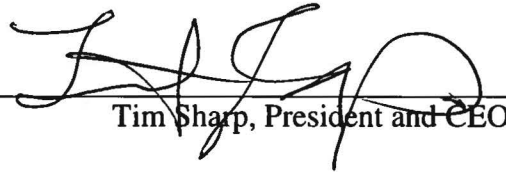
Salt River Electric Cooperative, Inc. of Bardstown, Kentucky, hereinafter referred to as "Salt River", respectfully requests pursuant to 807 KAR 5:001 , Section 13 and KRS 61.878 the Public Service Commission of Kentucky grant confidential treatment to certain information that Salt River is simultaneously filing as part of its application for a Certificate of Convenience and Necessity. The information Salt River seeks to protect is confidential and hereinafter referred to as the "Confidential Information".

1. Pursuant to 807 KAR 5:001 , Section 13, a single copy in a separate envelope with the Confidential Information highlighted in yellow, is being filed with this motion along with ten (10) copies with the Confidential Information redacted.
2. The Confidential Information if openly disclosed could permit an unfair advantage to competitors of Salt River and or the Vendor which in this case is Aclara.
3. The information which has been marked for confidential treatment involves competitively bid products and services which could be bid again in the future and therefor Confidential Information could be used by competitors to the detriment of Salt River and Aclara. Salt River and Aclara have agreed to keep pricing for products and services confidential.

4. The time period for which the material should be considered confidential is ten (10) years from the date of this motion. This should allow sufficient time for the prices to become outdated and no longer a detriment to Salt River and or Aclara.

Based on the information above Salt River believes the Confidential Information is entitled to confidential treatment. However, if the Commission disagrees with Salt River that this information should be treated as confidential, then Salt River requests the Commission to hold an informal conference regarding this issue.

SALT RIVER ELECTRIC COOPERATIVE CORP.

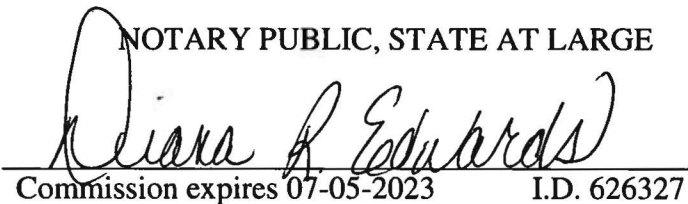
  
\_\_\_\_\_  
Tim Sharp, President and CEO

STATE OF KENTUCKY

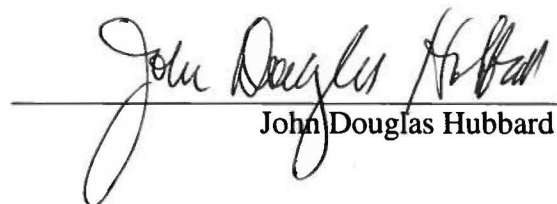
COUNTY OF NELSON

The foregoing was subscribed and sworn to before me this 25<sup>th</sup> day of October, 2019, by Tim Sharp, President and CEO of Salt River Electric Cooperative Corporation.

NOTARY PUBLIC, STATE AT LARGE

  
\_\_\_\_\_  
Commission expires 07-05-2023 I.D. 626327

The foregoing instrument was prepared by John Douglas Hubbard, Attorney-at-Law, Fulton, Hubbard & Hubbard, 117 East Stephen Foster Avenue, Bardstown, Kentucky. No title examination was performed by the undersigned in the preparation of this document.

  
\_\_\_\_\_  
John Douglas Hubbard

# Exhibit 1

## Certificate of Existence

Commonwealth of Kentucky  
Alison Lundergan Grimes, Secretary of State

NARP  
0046160  
Alison Lundergan Grimes  
KY Secretary of State  
Received and Filed  
4/18/2019 10:56:53 AM  
Fee receipt: \$15.00

Alison Lundergan Grimes  
Secretary of State  
P. O. Box 1150  
Frankfort, KY 40602-1150  
(502) 564-3490  
<http://www.sos.ky.gov>

Annual Report  
Online Filing

ARP

**Company:** SALT RIVER ELECTRIC COOPERATIVE CORPORATION  
**Company ID:** 0046160  
**State of origin:** Kentucky  
**Formation date:** 4/14/1939 12:00:00 AM  
**Date filed:** 4/18/2019 10:56:53 AM  
**Fee:** \$15.00

### Principal Office

111 W. BRASHEAR AVE.  
BARDSTOWN, KY 40004

### Registered Agent Name/Address

JANICE HEDGEPEETH  
111 W. BRASHEAR AVE.  
BARDSTOWN, KY 40004

### Current Officers

Chairman	Jimmy Longmire	PO Box 609, Bardstown, KY 40004
Secretary	Linda West	PO Box 609, Bardstown, KY 40004
Treasurer	Gayle Troutman	PO Box 609, Bardstown, KY 40004

### Directors

Director	Linda West	PO Box 609, Bardstown, KY 40004
Director	Albert C Cahoo	PO Box 609, Bardstown, KY 40004
Director	Gayle Troutman	PO Box 609, Bardstown, KY 40004
Director	Jimmy Longmire	PO Box 609, Bardstown, KY 40004
Director	Darrell Tingle	PO Box 609, Bardstown, KY 40004
Director	Garry Mann	PO Box 609, Bardstown, KY 40004

County:	Nelson
Business size:	Large
Business type:	Electric, Gas and Sanitary Services

### Signatures

Signature	JANICE HEDGEPEETH
Title	ASSISTANT SECRETARY

## **Exhibit 2**

### **Assessment, Research and Vendor Selection**

Salt River currently has in place a Power Line Carrier (PLC) AMR\AMI system from Landis&Gyr consisting of solid state TS2 meters (50,674 single-phase and 1,102 poly-phase). The majority of these meters and portions of the infrastructure are more than a decade old. Replacement parts are sparsely available and Landis&Gyr announced the product is end of life in 2020 as previously outlined by Cumberland Valley Electric (Case #2018-00056) and Grayson RECC (Case #2017-00419).

As a result, Salt River began looking for alternate methods of fulfilling the desired functionality and the ability to offer as many options to all members as possible. Salt River met with five vendors, Acalra, Landis&Gyr, Tantalus, Sensus, and Itron and determined that product development for PLC technology had virtually stopped, the technology shift was to Radio Frequency (RF) and the competitive pricing reflected such. See Appendix B for vendor comparison. Salt River then solicited proposals from all five vendors with several factors listed as priorities for performance of the proposed system, such as: future expandability, Metering Residential and Commercial members, Pre-Pay Metering, SEDC Software Compatibility, Energy Management\Direct Load Control, Voltage Monitoring, Outage Notification, Blink Notification, Net Metering, Multi-Speak Compliance, Remote Connect\Disconnect Capability, Fast\Reliable Two-Way Communication, Interval Data (15\30\60 minute), Cyber Security, and Theft Detection Capabilities.

All five vendors submitted proposals to Salt River and were evaluated based on overall cost, cost of infrastructure, recurring cost, functionality, compatibility with existing Outage Management, Customer Information Systems and SCADA Systems. Aclara was selected as the vendor of choice for meeting all previously listed criteria, as well as being the lowest cost provider. See Appendix D for Salt River's Board approval of the Acalra system. See Appendix E for RUS approval of 2019-2022 Construction Workplan.

Once the RF infrastructure is in place Salt River will begin the 48 month roll-out to all RF meters. The 48-month installation period was chosen as a balance between cash and work flow as Salt River personnel will be utilized to change out all meters. If advancing the time frame would protect Salt River from investing additional money in aging infrastructure that would be considered as long as meter installation is performed by coop personnel. With the RF system, Salt River will be able to provide and utilize the functionality listed previously as well as continuing to use the currently installed TS2 meters, while all new meters purchased will be RF.

## **Exhibit 3**

### **AMI Technology and Infrastructure**

A high level overview of the AMI system begins with Aclara performing a Radio Frequency (RF) propagation study to determine the number and location of collectors and routers for data collection. The Aclara system is a point to multi-point network, meaning each meters talks to a data collector. Each solid state meter has multiple paths back to the office to “self-heal” and to prevent a meter from being stranded in the event of equipment failure. This self-healing functionality basically reports to the system operator the failed piece of equipment and then immediately begins rerouting data traffic to other nearby data collectors.

The RF infrastructure is designed, commissioned, and guaranteed to function as quoted by Aclara or the system will be modified at Aclara's expense. Data is transmitted from the meter to RF data collector, which has a battery backup, per the previously mentioned propagation study. This data is transmitted utilizing a licensed channel in the 450-470 MHz bandwidth. Collected data is transmitted to Salt River's data center via cellular backhaul services through secured TLS multilayer authentication firewall systems.

Refer to the following pages for examples of:

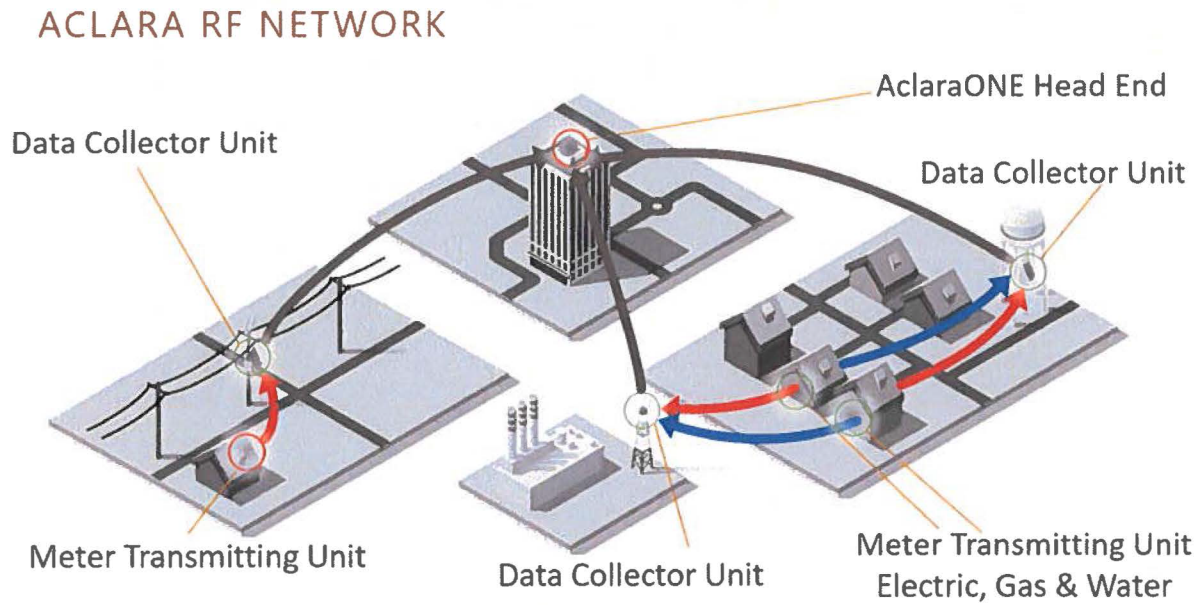
Basic RF Network Design Flow Chart

RF Meter Transmission Unit Cut Sheet

RF Data Collector Unit Cut Sheet

The Aclara system will coexist with the existing Landis&Gyr AMR\AMI software system already in place for the duration of the replacement. This allows Salt River Electric to continue to use existing meters currently installed and change meters over a planned 48 month time frame. All meters replaced will be tested for accuracy in accordance with 807 KAR 55:041, Section 15(3). All new meters purchased and installed for new service requests, consumers requesting pre-paid metering, replacement, etc. would be RF meters.

# Basic RF Network Design Flow Chart



# RF Meter Transmission Unit Cut Sheet



## RF Electric Meter Transmission Unit

Residential and Commercial



Aclara Meter Transmission Units for single- and poly-phase, solid-state, ANSI-certified residential and commercial meters minimize risk and ensure accurate, reliable and efficient measurements.

Aclara Meter Transmission Units provide superior measurement performance, affordability, accuracy and reliability. In addition to reading meters, the units support demand, load profiling, time-of-use, and net metering for distributed generation.

Meter Transmission Units are a critical component of Aclara's Synergize™ RF network solution, which offers unequalled performance and expandability while providing reliable, flexible and two-way communications for electric meters and other smart-infrastructure devices on distribution networks.

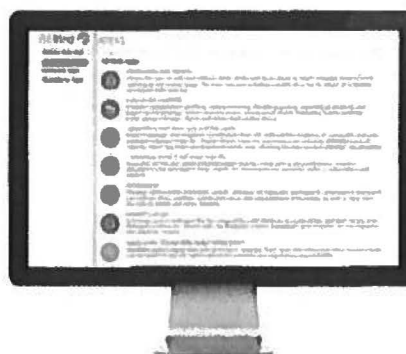
### FEATURES AND BENEFITS

- Operates on FCC licensed 450-470 MHz frequencies, reducing the risk of interference by other radio systems
- Employs NIST-standard, approved Advanced Encryption Standard 256-bit encryption (AES-256) for communications with the headend
- Utilizing Datagram Transport Layer Security (DTLS) protocol, uses X.509 digital certificate-based client and server authentication
- Uses the IEC 61968-9 standard (Application Integration at Electric Utilities) to transact CIM-based messages
- Applies an extended set of IEC-61968-9 Distribution Management commands all the way from the headend to endpoints
- Outage or restoration confirmation timer reduces false reporting and provides accurate and confirmed outage and restoration messaging
- Provides up to six confirmed "last gasp" outage messages across 20 minutes from any affected meter to provide the ultimate ability to know where outages exist
- Offers an outage event buffer to reduce the number of false momentary alarms
- Accesses data directly from ANSI C12.19 tables
- Supports integrated connect/disconnect functionality for residential meters

### CONVERT DATA TO INFORMATION

Data transmitted to the utility is turned into actionable information by Aclara's iDEAS® software, a full-featured headend that provides a single user-friendly interface for control and command.

Out-of-the-box functions in iDEAS are on-demand reads, outage and restoration reporting, connect/disconnect, firmware downloads, alarms and validation, estimation and editing capability. Aclara offers additional value-added modules for loss analysis, transformer analysis, voltage analysis, meter exchange, power billing, fault detection and localization and more.





## RF Electric Meter Transmission Unit

### Residential and Commercial

#### METER TRANSMISSION UNIT SPECIFICATIONS

<b>Meter compatibility</b>	Aclara I-210+, I-210+c, and kV2c meter platforms
<b>Data speed</b>	9.6 kbps per RF channel
<b>Load profile data</b>	5 minute, 15 minute, 30 minute, hourly, daily
<b>Read rate, commercial meters</b>	5-minute reads transmitted every 5 minutes, 6 channels
<b>Read rate, residential meters</b>	15-minute reads transmitted every 15 minutes, 4 channels
<b>On-demand read response rate</b>	Within 15 seconds
<b>Transmitter power</b>	1 W/30 dBm per transmitter channel
<b>Messaging standard</b>	IEC 61968-9 CIM
<b>Receiver sensitivity</b>	-105 dBm for $10^{-6}$ BER per receiver channel
<b>Security standards</b>	AES-256 encryption with X.509 certificate authentication, DTLS v1.2 and NEMA SG-AMI 1, FIPS 197, FIPS 186-4, FIPS 108-4, SP800-90A
<b>Outage/restoration event confirmation timer</b>	Programmable from 5 to 300 seconds from meter notification
<b>Last-gasp outage capability</b>	Up to 6 outage notification messages during 20 minute period High temperature, tamper, outage, restoration, and more
<b>On-request commands (if supported by meter)</b>	Connect/disconnect, demand read, demand reset, historical recovery

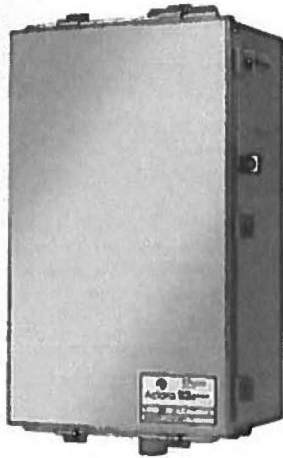


## RF Data Collector Unit Cut Sheet

Aclara 

# Synergize® RF Electric Data Collector Unit

Aclara's Synergize RF network Data Collector Unit offers unequalled performance and expandability while providing reliable, flexible, two-way communications for all utility meters.



The data collector is built on the Aclara proven RF network for electric meters and provides the best total cost of ownership (TCO) for utilities looking for smart solutions. It is an innovative, state-of-the-art system that not only reads meters but also contains smart-infrastructure devices that monitor additional points on utility distribution networks.

The devices' confirmed outage notification system ensures correct and timely outage alarms. A 20-minute last gasp power enables up to six outage notifications for 99 percent message success. Data is delivered even in nested outage conditions, when damage is still present along an electric line after a larger problem has already been resolved. The data collector initiates an immediate message upon receipt of an event or alarm from an endpoint, and time synchronization ensures accurate time stamps, which allows for quick decision-making to reduce cost and improve customer services

### FEATURES AND BENEFITS

- Device eliminates potential interference and competition from other radio devices and wireless services and promotes efficient communications by allowing channels to exist within the same spectrum; home run deployment method is highly reliable and latency free
- Offers a flexible solution to install in diverse geographies with various population densities and deploys on existing utility backhaul networks
- Network design ensures read rate needed to achieve billing accuracy without repeaters or similar devices
- Diagnostic data for alarms, redundancy, location, battery, temperature, charging current, firmware version and passphrase status allow utilities total control over system features
- Priority reporting of error conditions, data-collector door access, and tamper notifications guarantee that data is accurate and secure
- Battery backup, power save mode and data retention during power outages protect important data and operations



Aclara

## Synergize® RF Electric Data Collector Unit

### DCU SPECIFICATIONS

Frequency	450-470 MHz (FCC licensed)
Internal electronics, enclosure	NEMA 4X
Input power consumption	5W
Seismic	Zone 4
Dimensions	22" h x 14" w x 8.25" d
DCU weight	55 lbs.
Nominal power	12VDC
Approval	FCC Part 90, Industry Canada RSS-119
Power output	3W
Uplink channels per card	8/16/24
Data speed	9.6 kbps
Operating temperature	-40°C to +70°C, 0 to 95% relative humidity
Storage temperature	-40°C to +85°C, 0 to 95% relative humidity
Battery specifications	6.9" h x 6.5" w x 4.9" d, 23.3 lbs Capacity: 26 Ah

### OPTIONS

Antenna	Single and multiple
Mounting Kits	Standard wood, concrete or metal pole Tower Rooftop
Backhaul	Ethernet Fiber-optic Cellular: supports major carriers and technologies
Power	AC Power with battery backup or solar-rechargeable with battery backup

Aclara Technologies LLC is a world-class supplier of smart infrastructure solutions (SIS) to more than 780 water, gas, and electric utilities globally. Aclara SIS offerings include smart meters and other field devices, advanced metering infrastructure and software and services that enable utilities to predict and respond to conditions, leverage their distribution networks effectively and engage with their customers. Aclara Technologies LLC is owned by an affiliate of Sun Capital Partners.

Visit us at [Aclara.com](http://Aclara.com), phone 800 297 2728 or contact us at [info@acclara.com](mailto:info@acclara.com) and follow us on Twitter @AclaraSolutions.

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E-0317-synerf\_DCU

## Exhibit 4

### Summary of RF Benefits to Salt River Electric and Consumers

- **Existing Investment-** Existing installed infrastructure will remain in use as RF infrastructure is installed. This allows Salt River to continue to read meters remotely. Replacement products/meters will be RF.
- **Usage Information** - The availability of interval data, integration with Salt River's Customer Information System (CIS), and Meter Data Management System (MDMS) allow for more frequent usage information that will assist Customer Service Representatives in answering consumer questions about usage or conservation.
- **Automated Outage Reporting-** RF meters will report loss of power which will assist Salt River crews in locating the cause of outages as well as verify that all consumers' power has been restored after an outage has occurred.
- **Direct Load Control-** Salt River will offer direct load control to all consumers in all areas.
- **Rate Structures** - All RF meters are capable of supporting Real-Time Pricing, Time of Use, On Peak\Off Peak, and Time of Day Rates
- **Historical Information for Consumers** - The availability of interval data intervals and storing of this data allows consumers to access this data via web portal for nearly real time usage information
- **Pre-Pay Metering-** Salt River will be able to continue to offer a Pre-Pay metering tariff to all residential consumers. The only change is customer will no longer have to press the button on the meter to restore power
- **Remote Connect\Disconnect-** With the use of meters with built in Remote Service Switches, Salt River will be able to quickly connect or disconnect power per consumer requests or for non-pay reasons without the consumer having to wait until personnel can get to the service location.
- **Distribution Automation** - The RF infrastructure cannot only communicate with meters but also has the capability to communicate with various distribution equipment such as regulators, reclosers, and fault indicators, providing the future ability to extend control and data retrieval outside the substation.
- **Voltage Data** - The ability to receive voltage readings from individual meters will allow Salt River to build historical voltage data at both peak and off peak times to verify voltage levels calculated with engineering analysis software as well as provide system wide voltage levels instead of rotating voltage recorders on the end of individual feeders around the system as required by the PSC.

Personal or sensitive information was discovered within this document. At the filers request this page has been removed. A redacted copy of this page will be uploaded by the filer.

BSB 2/25/2020

## Appendix B

### Vendor Comparisons

	Aclara Technologies LLC	Landis+Gyr	Tantalus	Itron	Sensus
Infrastructure	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Meters	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Software/Support Services	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Discount		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Total	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

Note- due to the difference in system equipment/components, summarized totals are provided

## Appendix C

### Aclara Reoccurring Costs

Annual Fees	[REDACTED]
Support increase	[REDACTED]
Backhaul communication	[REDACTED]
FCC License	[REDACTED]

## Appendix D

### Salt River Board Approval of Aclara System



#### RESOLUTION

WHEREAS, a Construction Work Plan for 2019-2022 in the amount of [REDACTED] has been prepared by the Staff of Salt River Electric Cooperative Corporation.

NOW THEREFORE, BE IT RESOLVED, that the Board of Directors adopt the 2019-22 Construction Work Plan as a course of action to be followed, or until amended with the approval of RUS.

#### CERTIFICATION

I, LINDA WEST, Secretary of Salt River Electric Cooperative Corporation Board of Directors, do hereby certify that the above is a true and correct excerpt from the minutes of the meeting of the Board of Directors of Salt River Electric Cooperative Corporation, held on February 8, 2019, at which meeting a quorum was present.

\_\_\_\_\_  
LINDA WEST, Secretary

SEAL

## Appendix E

### RUS Approval of 2019-2022 Construction Workplan



United States Department of Agriculture

Rural Development

February 7, 2019

Rural Utilities Service

1400 Independence  
Ave SW, Room 0221  
Stop 1567  
Washington, DC  
20250

Mr. Tim Sharp  
President and CEO  
Salt River Electric Cooperative Corporation  
P.O. Box 609  
Bardstown, Kentucky 40004-0609

Voice 202 720 1430  
Fax 1 844 496 7794

Dear Mr. Sharp:

The USDA Rural Utilities Service (RUS) has reviewed the environmental documentation submitted for the facilities included in the cooperative's 2019-2022 Construction Work Plan (CWP). In accordance with 7 CFR Part 1970, Environmental Policies and Procedures, all projects proposed in the CWP appear to meet the criteria for Categorical Exclusions (§1970.53[a][2];[c][1],[8];[d][4]). No additional environmental information needs to be submitted for review, provided there are no new extraordinary circumstances (see §1970.52) and the projects do not change from what has been described in the CWP and its supporting environmental documentation.

RUS has concluded its environmental review of the projects in the CWP. The cooperative is responsible for acquiring the necessary permits for construction and operation of the proposed projects and for implementing all environmental commitments made in the CWP and its environmental documentation. Additional state and federal permits/reviews may be required for projects sited on publicly owned lands or that cross protected streams and wetlands.

Thank you for your assistance and cooperation in helping us fulfill our environmental review requirements. If you have any questions, please contact me at (202) 205-9702 or Ms. Lauren Rayburn, Environmental Scientist, at [lauren.rayburn@wdc.usda.gov](mailto:lauren.rayburn@wdc.usda.gov) or (202) 695-2540.

Sincerely,

A handwritten signature in cursive script that reads "Kenneth Solano".

KENNETH SOLANO  
Chief, Engineering Branch  
Office of Loan Origination and Approval  
Rural Utilities Service