

Confidential/Trade Secret

**Response of
Interstate Power and Light Company
to
Decorah Area Group
Data Request No. 6**

Docket Number: RPU-2019-0001
Date of Request: July 2, 2019
Response Due: July 9, 2019
Information Requested By: Sheila Tipton
Date Responded: July 9, 2019
Author: Randy Bauer
Author's Title: Dir Operational Resources
Author's Telephone No.: 319.786.1937
Reference: IPL Bauer Direct Testimony

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You indicate that the AMI metering system will provide valuable information to IPL's ratepayers.

- a. Please enumerate and summarize each of the services or information AMI meters can provide to ratepayers (e.g., real-time data monitoring, peak load monitoring, low power price times, off-site meter activation/disconnection, etc.).
- b. Please state whether customers are able to access and utilize all of the information services described in your response to part a of this data request immediately after the AMI meter is installed.
- c. If your response to part b of this data request is no, please identify the type and cost of any additional resources IPL needs to purchase and/or install to provide customers with these information services.
- d. In addition, if your response to part b of this data request is no, please state when each of the services will be available to the customer after provisioning and installation of the customer's AMI meter.
- e. Please state whether IPL and/or the customer is required to take additional action following installation and provisioning of the AMI meter in order to activate or utilize each of the services described in response to part a of this data request. If so, please describe the action required.
- f. Please list all specific services customers who now have AMI meters are able to access at this time.

NOTE: In the event the response to this data request contains confidential information, do not simply mark the entire response or attached document(s) confidential. Please highlight, or otherwise identify, the specific information that is claimed to be confidential.

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Response:

- a. A list of services or information, including detail, are provided in the Direct Testimony of IPL Witness Randy Bauer on pages 11, lines 22-25; page 12, lines 1-40; and page 13, line 1-34.
- b. Because the data request fails to provide a definition of access and utilize, the author will define access and utilize as customers receiving benefits of either reduced costs or enhanced/improved service.

Customers receive benefits upon provisioning of meters for the following services:

- Service activation and deactivation on the requested date;
 - Improved reliability through faster outage response;
 - Enhance the safety of IPL's natural gas system through the addition of tilted meter and excess flow alarms;
 - Improved reliability by remote monitoring;
 - Enhanced meter accuracy;
 - A foundation for additional customer offerings;
 - Improved efficiency and reduced operating costs from automated meter reading;
 - Reduction in estimated bills;
 - Reduction in uncollectable costs;
 - Reduced truck rolls for single lights-out calls;
 - Reduced consumption on inactive meters;
 - Reduction in energy theft;
 - Additional system information.
- c. The following benefits will not be immediately available:
 - Customer access to usage and other information to aid customers in energy and cost management.As indicated in IPL Bauer Direct Testimony at 12, Lines 5-10, with the appropriate data systems and web presentment, AMI can provide granular usage information to customers, enabling their enhanced understanding of usage patterns, and resulting in a better ability to manage their energy usage.

IPL has not conducted any type of an analysis on the type and cost of additional resources.
 - d. IPL does not have a schedule or timetable when these benefits will be available.
 - e. No additional action is required by the customer to activate the benefits detailed in (b) above.
 - f. See response to (b) above.