

**AVISTA CORP.  
RESPONSE TO REQUEST FOR INFORMATION**

JURISDICTION:	WASHINGTON	DATE PREPARED:	07/01/2016
CASE NO.:	UE-160228 & UG-160229	WITNESS:	Heather L. Rosentrater
REQUESTER:	Public Counsel/Energy Project	RESPONDER:	Leona Doege / L. La Bolle
TYPE:	Data Request	DEPT:	State & Federal Regulation
REQUEST NO.:	PC/EP – 089	TELEPHONE:	(509) 495-4710
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**REQUEST:**

In your response to Public Counsel and The Energy Project Data Request No. 057, Avista presents a chart showing residential feedback approaches and “annual household electricity savings” derived from a publication noted in footnote 1.

- a. What does “real time” mean in this chart?
- b. Does any of the information or results in this chart reflect non-AMI feedback mechanisms?
- c. What results have Avista achieved with indirect feedback mechanisms associated with OPower-type reports and communications to customers without AMI interval data? In your response, discuss this statement from the Report cited in footnote 1 (referring to the Chart included in Avista’s Response):

Beginning at left, monthly bills provide, of course, the lowest granularity and effectiveness. Utilities manually send data to third parties pursuant to a customer authorization form in spreadsheets or PDFs via e-mail. Such data can be monthly (low granularity) to 15-minute or 60-minute (medium granularity) depending upon the utility, the meter, and customer class.

[“Got Data? The Value of Energy Data Access to Consumers,” at page 11, More Than Smart (formerly Greentech Leadership Group) (January 2016).]

**RESPONSE:**

Please see Avista’s **CONFIDENTIAL** response to data request no. PC/EP – 089C. Please note that Avista’s response to PC/EP – 089C is **Confidential per Protective Order in UTC Dockets 160228 & UG-160229**.

- a. The definition of the terms in the chart used in PC/EP\_DR\_057, including the use of the term “real time,” is provided in the original source report: “Advanced Metering Initiatives and Residential Feedback Programs: A Meta-Review for Household Electricity-Savings Opportunities.” This report was provided in the Company’s response to PC/EP\_DR\_066 Attachment A. The term real time is used by the authors in the context of Direct Feedback mechanisms, beginning on page 11, and the term is further elaborated in section III of the report, beginning on page 37. In addition to the definitions, the source report also provides the study results included by the authors in the real-time categories summarized in the subject chart.
- b. The information and results from the studies summarized in the chart are based on feedback enabled by advanced metering, as well as through feedback mechanisms that do not involve

advanced metering. A list of the 57 studies included in the report is provided on page 107 of PC/EP\_DR\_066 Attachment A.

- c. The Company's Home Energy Reports, administered by Opower, result in an overall energy savings of 1.7%, which is average for this type of program nationwide. Avista has also recently been able to better understand the conservation impact of the interaction of the Home Energy Reports program and its energy conservation rebates program. Results of a new study, "Home Energy Reports and Program Rebates: A Quantitative Assessment of Customer Engagement," which is currently in draft form, found that Avista customers who receive the Home Energy Reports and who also participate in the Company's energy conservation rebates program, had an average estimated electricity savings of 5.7%. This level of savings was significantly higher than the sum of the average savings attributed to rebate programs alone (1.7%) and the Home Energy Reports program alone (1.7%). A confidential draft of this report is provided as PC/EP\_DR\_089C Confidential Attachment A. Avista expects to receive a final version of the report by July 2016, and will provide that in a supplement to this data request upon receipt.<sup>1</sup>

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<sup>1</sup> The final report will be a publicly-available document.