

DOCKETED

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From: Nate Toyama [<mailto:Nate.Toyama@smud.org>]
Sent: Monday, May 22, 2017 12:59 PM
To: Vidaver, David@Energy
Cc: Piyush Amin; Timothy Tutt
Subject: RE: request

David,

Here's a summary of SMUD system loads for 2015-2016.

As I mentioned last week, SMUD's EMS system loads include both SMUD owned generation and large private generation with installed capacity greater than 500 kW. In SMUD's EMS accounting system, the two private generation groups are CHP and Net Metered PV.

To calculate "Total Energy Demand/Consumption," I subtracted the CHP generation to yield Total Energy Demand/Consumption. After reviewing the forms and instructions, I noticed that in the supply form template, the cells for 2015 and 2016 were "greyed out" and mistakenly assumed that our responses were not needed.

S2 Line 1 number should be.

MWH	EMS System Loads	CHP	Total Energy Demand/Consumption
2015	11,251,868	91,036	11,160,832
2016	11,246,530	93,764	11,152,766

For resource planning purposes, we use "Net Energy" for our resource supply analysis. In this calculation, we are interested in measuring SMUD's net energy to serve SMUD's retail sales. For this analysis we omit CHP, Net Metered and House loads.

MWH	EMS System Energy	CHP	Net Metered	SMUD Thermal House Loads	Net Energy
2015	11,251,868	91,036	39,525	163,423	10,957,884
2016	11,246,530	93,764	62,423	155,626	10,934,717

Finally, Is this email sufficient, or should be re-submit the supply forms.

Nate