

DOCKETED

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Description:	Email conversation
Filer:	Harinder Kaur
Organization:	Anaheim Public Utilities/Mei Pan
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From: Mei Pan <MPan@anaheim.net>
Sent: Monday, August 20, 2018 3:55 PM
To: Deaver, Paul@Energy <Paul.Deaver@energy.ca.gov>
Cc: Kootstra, Mark@Energy <Mark.Kootstra@energy.ca.gov>; Jones, Melissa@Energy <Melissa.Jones@energy.ca.gov>; Carrie Thompson <CaThompson@anaheim.net>
Subject: RE: Information request for Anaheim's IRP Filing

Hi Paul,

Please see the response to your requests in the email below and let me know if you have any questions. Thank you!

Mei

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From: Deaver, Paul@Energy <Paul.Deaver@energy.ca.gov>
Sent: Thursday, August 16, 2018 2:10 PM
To: Carrie Thompson <CaThompson@anaheim.net>; Mei Pan <MPan@anaheim.net>
Cc: Kootstra, Mark@Energy <Mark.Kootstra@energy.ca.gov>; Jones, Melissa@Energy <Melissa.Jones@energy.ca.gov>
Subject: Information request for Anaheim's IRP Filing

Hi Carrie,

It was nice talking with you and your colleagues today. As discussed on our call this morning we are requesting some additional information for our review.

1. We are requesting spot market sales estimates. Spot market purchases are in the EBT in line 18, so spot market sales would go just under line 18. Please fill out the following table:

		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
18	Short term and spot market purchases:	273,500	284,312	250,562	285,588	303,700	272,972	295,070	292,948	330,650	327,331	762,305	1,092,028	1,127,934	1,021,073
18a	Short term and spot market sales:	908,838	530,985	547,830	522,487	605,188	674,491	609,193	566,370	487,603	503,414	531,214	592,253	590,144	593,601

2. We are requesting that Anaheim provide definitions for "System energy demand" and "Resource portfolio" as they relate to tracking GHG emissions. Please describe what each term measures and how they differ.

System Energy Demand: Also known as the system load, it has the same definition as the CEC's Net Energy for Load in its [submittal to CARB](#). The System Energy Demand represents the amount of energy that must be generated or procured by the utility to meet customer demand, including industrial loads, and equals consumption (net of what is self-provided by customers) plus (energy) losses during transmission and distribution.

Resource Portfolio: Also known as the total power supply portfolio, including energy generated or procured that is sold to retail customers, third party vendors and the CAISO wholesale market. APU was fully resourced prior to the RPS requirement. The additional RPS contracts resulted in more energy sold to third party vendors and to the CAISO wholesale market. As such, total energy for the resource portfolio is greater than total energy to serve the system energy demand (or system load).

Differences between APU's GHG Emission Graphs for the Resource Portfolio vs. for the System Energy Demand

In accordance with AB 32's statewide emission reduction targets, APU's [2015 Greenhouse Gas Reduction Plan](#) established APU's targets to achieve GHG emission reductions of 20% and 40% below 1990 baseline levels by 2020 and 2030, respectively. The baseline was calculated based on APU's total resource portfolio, including energy sold to retail customers, third party vendors and the CAISO wholesale market. Related calculations are shown in Graph 25: Planned GHG Reduction (Page 65) and in Graph 63: APU GHG Reduction Targets (Page 130).

In 2018, the [CEC recommended](#) an emission reduction target based on the Projected 2030 Retail Sales and Net Energy for Load. APU added calculations for GHG Emissions for System Energy Demand (System Load, or Net Energy for Load). The result is shown in Graph 65: APU GHG Emission for System Energy Demand (Page 133).

Once again, thank you for talking with us today. Let us know if you have any questions; we are happy to help.

Paul

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