

ORA DATA REQUEST
ORA-SDG&E-DR-016
SDG&E SECOND AMENDED GRC Phase 2 APPLICATION – A.15-04-012
SDG&E RESPONSE
DATE RECEIVED: MAY 9, 2016
DATE RESPONDED: MAY 23, 2016

Small Commercial Rate Design TOU-A-P

This data request replaces part B of data request 15 submitted on the 5th of May 2016.

1. Please regroup the volumetric energy determinants (kwh) for schedule TOU-A-P in the consolidated model (TOU Scenario 1) with the following TOU periods:

Summer: July 1st to October 31st

- a. On-Peak 4 pm to 9 pm weekdays
- b. Off-Peak 6 am to 4 pm and 9 pm to 12 am weekdays
- c. Super Off-Peak all other periods

Winter: November 1st to June 30th

- d. On-Peak 4 pm to 9 pm weekdays
- e. Off-Peak 6 am to 4 pm and 9 pm to 12 am weekdays
- f. Super Off-Peak all other periods

This regrouping should allow ORA to construct a rate schedule with different TOU periods than those used to inform the class revenue allocation under TOU alternative scenario 1.

SDG&E Response:

SDG&E has attached workpapers associated with marginal commodity costs, commodity revenue allocations and rates reflecting a 3-period TOU as defined above. SDG&E has also provided the ORA version of the Consolidated model for this request.

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2. Additionally, please include instructions and/or a feature in the consolidated model that allows ORA to rework the marginal generation costs for specific schedules within a customer class to accommodate rate designs with TOU periods that differ from those that inform class revenue allocations. Specifically, ORA will need to incorporate aggregated marginal generation costs consistent with the periods illustrated in question B1 of this section without interrupting the commodity energy costs for the other rate schedules. Upon completion, please provide an explanation on how this could be done using ORA's own marginal energy and generation capacity costs.

SDG&E Response:

SDG&E has provided in response to Q1 workpapers associated with marginal commodity costs, commodity revenue allocations and rates reflecting a 3-period TOU as defined in Q1 and also below:

Summer: July 1st to October 31st

- a. On-Peak 4 pm to 9 pm weekdays
- b. Off-Peak 6 am to 4 pm and 9 pm to 12 am weekdays
- c. Super Off-Peak all other periods

Winter: November 1st to June 30th

- d. On-Peak 4 pm to 9 pm weekdays
- e. Off-Peak 6 am to 4 pm and 9 pm to 12 am weekdays
- f. Super Off-Peak all other periods

In order to modify certain rate schedule to only have a 2-period TOU:

Summer: July 1st to October 31st

- a. On-Peak 4 pm to 9 pm weekdays
- b. Off-Peak all other periods

Winter: November 1st to June 30th

- c. On-Peak 4 pm to 9 pm weekdays
- d. Off-Peak all other periods

(1) Commodity rates:

SDG&E has included in the Commodity Transition Path tab in the Consolidated Model the commodity TOU rates under the 2-period TOU option for residential and small commercial as defined above. The 2-period TOU rates are equivalent to the to the 3-

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period commodity TOU rates but with off-peak and super-off peak set equal. This is seen on the Commodity Transition Path tab in cells AH52:BD65 for residential, and AG80:AM109 & AI200:AI225 for Small Commercial. This is the source of the 2-period version of the rates, no action is needed.

(2) Commodity Revenue Allocations:

To change the Commodity Revenue Allocations to reflect allocation factors under a 2-period TOU, replace (we recommend using “copy” then “paste values”) the Commodity Allocation factors in cells J3:L7 on tab Allocations of the Consolidated Model provided in response to Q1 above with the Commodity Allocation factors found in in cells J3:L7 on tab Allocations of the Consolidated Model provided in Scenario 2.

(3) Commodity 2-period or 3-period selection:

To change the commodity rate structure to be a 2-period TOU for any given rate residential or small commercial rate schedule:

- In the Consolidated Model on tab Commodity Transition Path,
 - (1) Set the desired rate schedule to be 2-period in column B. Schedules TOU-DR-P and TOU-A-P can be changed in column N.
 - Example: Schedule TOU-DR
 - To change Summer, change the drop down in cell B1085 to 2-Period. To change Winter, change the drop down in cell B1088 to 2-Period.
 - (2) Once completed of all schedules of interest, then hit the Goal Seek All button on the Inputs tab

If the ORA team prefers to use their own marginal costs, those can be pasted into the “Commodity MC Inputs” tab.