**DATA REQUEST**

1. What is The Casio Day Ahead kWh rates for each hour in the year? (What is The Historical Processed SDGE Caiso Day Ahead Hourly kWh price which is included in the hourly base rates for each hour in the year as it relates to the Dynamic Day Ahead Hourly Rates?)
	1. For Year 2019 (Please update answer to include Dec 2019 rates, See DR02Q4 Response 12-18-19)
	2. Please show this in a work paper across 24 columns for each hour in the day.
	3. See example from proceeding 17-01-020 SDGE answer on 2-6-17 SDAP DR 01, Question 16 (this answer was provided to me in an excel document from SDGE with the 2016 historical data, I am looking for the same answer except for the historical information from 2019)

**SDG&E Response:** SDG&E objects to this request to the extent it seeks information that is not within SDG&E’s control and possession and/or that is equally available to SDAP. Subject to and without waiving this objection, SDG&E responds as follows:

CAISO historical prices can be found on the Public California ISO Open Access Same-time Information System: <http://oasis.caiso.com/mrioasis/logon.do>

1. What was the System Threshold amount in the following year?
	* 1. 2017:
		2. 2018:
		3. 2019:

**SDG&E Response:**

* + 1. 2017: 3531 MW
		2. 2018: 3655 MW
		3. 2019: 3270 MW

3. What were the C-DPP top 150 system hours?

* 1. Year 2019 (Please update answer to include 2019 rates, See DR02Q5 Response 12-18-19)
	2. Date of Event
	3. Hour of Event
	4. Top 150 Hourly Load
	5. Please describe the hour ending or beginning
	6. Please show this in a work paper.

**SDG&E Response:**

The top 150 system event dates and hours are in the embedded file labeled “SDGE\_SDAP DR04\_Response - data.xlsx”.



SDG&E previously provided the 2018 event dates and hours that are applicable for SDAP in A.18-12-006, SDAP Data Request #2.

1. System Hours 2019:
	1. How many System event hours occurred last year, 2019? 28 system event hours occurred in 2019.
	2. During the Summer months, how many occurred? June 21 – September 23: 28 system event hours
		1. What is the highest total hours in one day for an event? 8 event hours
			1. What time was the first event hour in the day? Hour ending 15
			2. What time was the last event hour in the day? Hour ending 22
			3. Does this kind of scenario repeat? System events in 2019 were all between hours 15 and 22.

Please show this in a work paper.

**SDG&E Response:**

SDG&E objects to the request to provide a workpaper as it is vague and ambiguous, and because no responsive workpaper exists. Subject to and without waiving this objection, SDG&E responds as follows: See the answers above in line with the question asked.

1. What was the Circuit Threshold Level amount for SDAP circuit in the following years?
	* 1. 2019 -
		2. 2017: 2490.2 kW
		3. 2018: 2545.9 kW
		4. (Please update answer to include 2019, See DR02Q16 Response 12-18-19)

**SDG&E Response:**

 2019 – 2515.4 kW

1. What were the D-CPP top 200 Circuit hours from SDAP Circuit? (Please update answer to include 2019 rates, See DR02Q5 Response 12-18-19)
	1. Year 2019 (Please update answer to include 2019 rates, See DR02Q5 Response 12-18-19)
	2. Date of Event
	3. Hour of Event
	4. Top 200 Hourly Load
	5. Please describe the hour ending or beginning
	6. Please show this in a work paper.
	7. Historical Circuit Top 200 Event hours
		1. See example from proceeding 17-01-020 SDGE answer on 3-7-17 SDAP DR 02, Question 20 (this answer was provided to me in an excel document from SDGE with the 2016 historical circuit data, I am looking for the same answer except for the historical information will be from 2019)

**SDG&E Response:**

The top 200 circuit event dates and hours are in the embedded file labeled “SDGE\_SDAP DR04\_Response - data.xlsx” that is included with the answer to question #3.

1. Circuit Hours 2019:
	1. How many Circuit event hours occurred last year? 23 circuit event hours were called for circuit 0491.
	2. During the Summer months, how many occurred? June 21- September 23: 23 event hours.
		1. What is the highest total hours in one day for an event? 7 event hours.
			1. When time was the first event hour in the day? Hour ending 12.
			2. When time was the last event hour in the day? Hour ending 18.
			3. Does this kind of scenario repeat? All events on circuit 0491 during 2019 occurred between the hours of 12 and 18.
			4. How many hours in the day created two events at the same time (System and Circuit)? On the day with the highest number of events in 2019, circuit 0491 had four hours with coincident circuit and system events.
			5. Do double events repeat? On circuit 0491, coincident events occurred during four days in 2019.

Please show this in a work paper.

**SDG&E Response:** SDG&E objects to the request to provide a workpaper as it is vague and ambiguous, and because no responsive workpaper exists. Subject to and without waiving this objection, SDG&E responds as follows: See the answers above in line with the question asked.

1. What is the load history of Circuit 0491?

**SDG&E Response:**

SDG&E objects to this data request on grounds that this circuit has rate classes for which there are a limited number of enrollees for a given class, which poses a customer privacy concern because there is a risk customers in those rate classes may be identified.

1. What are the features of this Circuit in 2019?
	1. % Mix of customer classes
	2. How many customers on this circuit in 2019?
		1. Average monthly kWh for each customer class object
		2. Average monthly kW load for each customer class

**SDG&E Response:**

SDG&E objects to this data request on grounds that this circuit has rate classes for which there are a limited number of enrollees for a given class, which poses a customer privacy concern because there is a risk customers in those rate classes may be identified.

Subject to and without waiving these objections, SDG&E responds as follows:

As of year-end 2019, 157 customers were on Circuit 0491 and there are four classes of customers on this circuit. Please see SDG&E’s response to SDAP-02 Set 1, question #20, which is in part, the same question asked here.

1. What is the current Power Mix delivered to this Circuit?
	1. What are the energy sources?
		1. What is the % of each?
	2. What is the % loss of energy

**SDG&E Response:** Power delivered to our customers is purchased from the CAISO market and we do not know the mix that is delivered to circuit 0491.

1. Please provide SDGE’s Annual Average hourly window of Carbon Intensity for Electricity use for 2019 for each hour (0-24) and provide this for each hour. (Please update response from 12-18-19 with details by the hour, see DR02 Q3).
	* 1. Show each hour over 24 columns across.
		2. Please show this in a work paper over 24 hours of columns for each hour.

**SDG&E Response:**

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