

**SOUTHERN CALIFORNIA GAS COMPANY
APPLICATION TO ESTABLISH A DEMAND RESPONSE PROGRAM
(D.18-11-005)**

(CalAdvocates Data Request-03)

**DATE RECEIVED: March 07, 2019
DATE RESPONDED: March 15, 2019**

QUESTION 1:

How many Demand Response (DR) events has SoCalGas called during the 2018-2019 winter season?

RESPONSE 1:

SoCalGas has called 29 DR events to date during the 2018-2019 winter season.

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QUESTION 2:

Please use the table below to provide the following information regarding each DR event during the 2018-2019 winter season:

- a. Name of DR program called.
- b. Date of event.
- c. Time the event started
- d. Time the event ended
- e. Reason for calling the event. (In stating the reason please include information such as the expected shortage amount on the system, expected duration of the shortage, and SoCalGas's reason for calling a specific DR program.)
- f. Any preliminary or final data regarding the number of participants and therm savings attributable to the DR event.

You may re-format or add to the table below as needed to best communicate this information.

RESPONSE 2:

SoCalGas provides the requested information that is currently available below. The number of participants is based on initial estimates at this time. SoCalGas will have a third-party party Evaluation, Measurement, and Verification (EM&V) firm conduct a load impact evaluation at the conclusion of the 2018-2019 winter season to analyze therm savings and verify customer participation for each event. This evaluation is expected to be completed by June 1, 2019 and SoCalGas will provide the evaluation to the parties in this proceeding.

	Program Name	Date	Time Period	Reason for Event	Estimated Number of Participants
1	Smart Therm	1/2/2019	5am - 9am	Gas Sendout: 3,485 MMcf Gas Receipts: 2,331 MMcf Cold weather conditions and high customer demand expected for 1/2/2019. SoCalGas activated the DR program consistent with the November 2, 2017 Aliso Canyon Withdrawal Protocol	10,780 thermostats targeted

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				which directs SoCalGas, as appropriate, to use all other appropriate, available, and necessary alternatives before using Aliso Canyon.	
2	Smart Therm	1/3/2019	5am - 9am	<p>Gas Sendout: 3,305 MMcf Gas Receipts: 2,505 MMcf</p> <p>Cold weather conditions and high customer demand expected for 1/3-1/4/2019.</p> <p>SoCalGas activated the DR program consistent with the November 2, 2017 Aliso Canyon Withdrawal Protocol which directs SoCalGas, as appropriate, to use all other appropriate, available, and necessary alternatives before using Aliso Canyon.</p>	10,789 thermostats targeted
3	Smart Therm	1/4/2019	5am - 9am	<p>Gas Sendout: 3,071 MMcf Gas Receipts: 2,527 MMcf</p> <p>Cold weather conditions and high customer demand expected for 1/3-1/4/2019.</p> <p>SoCalGas activated the DR program consistent with the November 2, 2017 Aliso Canyon Withdrawal Protocol which directs SoCalGas, as appropriate, to use all other appropriate, available, and necessary alternatives before using Aliso Canyon.</p>	10,790 thermostats targeted

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4	Smart Therm	1/7/2019	5am - 9am	<p>Gas Sendout: 2,947 MMcf Gas Receipts: 2,546 MMcf</p> <p>Cold weather conditions and high customer demand expected for 1/7/2019.</p> <p>SoCalGas activated the DR program consistent with the November 2, 2017 Aliso Canyon Withdrawal Protocol which directs SoCalGas, as appropriate, to use all other appropriate, available, and necessary alternatives before using Aliso Canyon.</p>	10,808 thermostats targeted
5	Smart Therm	1/15/2019	5am - 9am	<p>Gas Sendout: 3,245 MMcf Gas Receipts: 2,620 MMcf</p> <p>Cold weather conditions and high customer demand expected for 1/14-1/18/2019.</p> <p>SoCalGas activated the DR program consistent with the November 2, 2017 Aliso Canyon Withdrawal Protocol which directs SoCalGas, as appropriate, to use all other appropriate, available, and necessary alternatives before using Aliso Canyon.</p>	10,891 thermostats targeted
6	Smart Therm	1/16/2019	5am - 9am	<p>Gas Sendout: 2,811 MMcf Gas Receipts: 2,612 MMcf</p> <p>Cold weather conditions and high customer demand expected for 1/14-1/18/2019.</p>	10,887 thermostats targeted

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				SoCalGas activated the DR program consistent with the November 2, 2017 Aliso Canyon Withdrawal Protocol which directs SoCalGas, as appropriate, to use all other appropriate, available, and necessary alternatives before using Aliso Canyon.	
7	Smart Therm	1/17/2019	5am - 9am	Gas Sendout: 2,876 MMcf Gas Receipts: 2,675 MMcf Cold weather conditions and high customer demand expected for 1/14-1/18/2019. SoCalGas activated the DR program consistent with the November 2, 2017 Aliso Canyon Withdrawal Protocol which directs SoCalGas, as appropriate, to use all other appropriate, available, and necessary alternatives before using Aliso Canyon.	10,997 thermostats targeted
8	Smart Therm	1/22/2019	5am - 9am	Gas Sendout: 3,245 MMcf Gas Receipts: 2,619 MMcf Cold weather conditions and high customer demand expected for 1/22-1/23/2019. SoCalGas activated the DR program consistent with the November 2, 2017 Aliso Canyon Withdrawal Protocol which directs SoCalGas, as appropriate, to use all other	11,141 thermostats targeted

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				appropriate, available, and necessary alternatives before using Aliso Canyon.	
9	Smart Therm	1/23/2019	5am - 9am	<p>Gas Sendout: 3,292 MMcf Gas Receipts: 2,462 MMcf</p> <p>Cold weather conditions and high customer demand expected for 1/22-1/23/2019.</p> <p>SoCalGas activated the DR program consistent with the November 2, 2017 Aliso Canyon Withdrawal Protocol which directs SoCalGas, as appropriate, to use all other appropriate, available, and necessary alternatives before using Aliso Canyon.</p>	19,884 thermostats targeted
10	Smart Therm	1/24/2019	5am - 9am	<p>Gas Sendout: 2,836 MMcf Gas Receipts: 2,584 MMcf</p> <p>Cold weather conditions and high customer demand expected for 1/24/2019.</p> <p>SoCalGas activated the DR program consistent with the November 2, 2017 Aliso Canyon Withdrawal Protocol which directs SoCalGas, as appropriate, to use all other appropriate, available, and necessary alternatives before using Aliso Canyon.</p>	22,934 thermostats targeted
11	Smart Therm	2/4/2019	5am - 9am	<p>Gas Sendout: 3,298 MMcf Gas Receipts: 2,523 MMcf</p>	32,033 thermostats targeted

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				<p>Cold weather conditions and high customer demand expected for 2/2-2/6/2019.</p> <p>SoCalGas activated the DR program consistent with the November 2, 2017 Aliso Canyon Withdrawal Protocol which directs SoCalGas, as appropriate, to use all other appropriate, available, and necessary alternatives before using Aliso Canyon.</p>	
12	Smart Therm	2/5/2019	5am - 9am	<p>Gas Sendout: 3,930 MMcf Gas Receipts: 2,765 MMcf</p> <p>Cold weather conditions and high customer demand expected for 2/2-2/6/2019.</p> <p>SoCalGas activated the DR program consistent with the November 2, 2017 Aliso Canyon Withdrawal Protocol which directs SoCalGas, as appropriate, to use all other appropriate, available, and necessary alternatives before using Aliso Canyon.</p>	33,241 thermostats targeted
13	Smart Therm	2/6/2019	5am - 9am	<p>Gas Sendout: 3,978 MMcf Gas Receipts: 2,669 MMcf</p> <p>Cold weather conditions and high customer demand expected for 2/2-2/6/2019.</p> <p>SoCalGas activated the DR program consistent with the November 2, 2017 Aliso</p>	33,769 thermostats targeted

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				Canyon Withdrawal Protocol which directs SoCalGas, as appropriate, to use all other appropriate, available, and necessary alternatives before using Aliso Canyon.	
14	Smart Therm	2/7/2019	5am - 9am	<p>Gas Sendout: 3,605 MMcf Gas Receipts: 2,727 MMcf</p> <p>Cold weather conditions and high customer demand expected for 2/6-2/8/2019.</p> <p>SoCalGas activated the DR program consistent with the November 2, 2017 Aliso Canyon Withdrawal Protocol which directs SoCalGas, as appropriate, to use all other appropriate, available, and necessary alternatives before using Aliso Canyon.</p>	34,178 thermostats targeted
15	Smart Therm	2/8/2019	5am - 9am	<p>Gas Sendout: 3,273 MMcf Gas Receipts: 2,650 MMcf</p> <p>Cold weather conditions and high customer demand expected for 2/6-2/8/2019.</p> <p>SoCalGas activated the DR program consistent with the November 2, 2017 Aliso Canyon Withdrawal Protocol which directs SoCalGas, as appropriate, to use all other appropriate, available, and necessary alternatives before using Aliso Canyon.</p>	34,732 thermostats targeted

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16	Smart Therm	2/11/2019	5am - 9am	<p>Gas Sendout: 3,694 MMcf Gas Receipts: 2,683 MMcf</p> <p>Cold weather conditions and high customer demand expected for 2/9-2/12/2019.</p> <p>SoCalGas activated the DR program consistent with the November 2, 2017 Aliso Canyon Withdrawal Protocol which directs SoCalGas, as appropriate, to use all other appropriate, available, and necessary alternatives before using Aliso Canyon.</p>	32,469 thermostats targeted
17	Smart Therm	2/11/2019	6pm – 10pm	<p>Gas Sendout: 3,694 MMcf Gas Receipts: 2,683 MMcf</p> <p>Cold weather conditions and high customer demand expected for 2/9-2/12/2019.</p> <p>SoCalGas activated the DR program consistent with the November 2, 2017 Aliso Canyon Withdrawal Protocol which directs SoCalGas, as appropriate, to use all other appropriate, available, and necessary alternatives before using Aliso Canyon.</p>	2,694 thermostats targeted
18	Smart Therm	2/12/2019	5am - 9am	<p>Gas Sendout: 3,256 MMcf Gas Receipts: 2,701 MMcf</p> <p>Cold weather conditions and high customer demand expected for 2/9-2/12/2019.</p>	24,992 thermostats targeted

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19	Smart Therm	2/12/2019	6pm – 10pm	<p>Gas Sendout: 3,256 MMcf Gas Receipts: 2,701 MMcf</p> <p>Cold weather conditions and high customer demand expected for 2/9-2/12/2019.</p> <p>SoCalGas activated the DR program consistent with the November 2, 2017 Aliso Canyon Withdrawal Protocol which directs SoCalGas, as appropriate, to use all other appropriate, available, and necessary alternatives before using Aliso Canyon.</p>	11,073 thermostats targeted
20	Smart Therm	2/13/2019	5am - 9am	<p>Gas Sendout: 3,408 MMcf Gas Receipts: 2,595 MMcf</p> <p>Cold weather conditions and high customer demand expected through 2/18/2019.</p> <p>SoCalGas activated the DR program consistent with the November 2, 2017 Aliso Canyon Withdrawal Protocol which directs SoCalGas, as appropriate, to use all other</p>	25,477 thermostats targeted

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				appropriate, available, and necessary alternatives before using Aliso Canyon.	
21	Smart Therm	2/13/2019	6pm – 10pm	Gas Sendout: 3,408 MMcf Gas Receipts: 2,595 MMcf Cold weather conditions and high customer demand expected through 2/18/2019. SoCalGas activated the DR program consistent with the November 2, 2017 Aliso Canyon Withdrawal Protocol which directs SoCalGas, as appropriate, to use all other appropriate, available, and necessary alternatives before using Aliso Canyon.	11,069 thermostats targeted
22	Smart Therm	2/14/2019	5am - 9am	Gas Sendout: 3,173 MMcf Gas Receipts: 2,708 MMcf Cold weather conditions and high customer demand expected through 2/18/2019. SoCalGas activated the DR program consistent with the November 2, 2017 Aliso Canyon Withdrawal Protocol which directs SoCalGas, as appropriate, to use all other appropriate, available, and necessary alternatives before using Aliso Canyon.	25,813 thermostats targeted
23	Smart Therm	2/14/2019	6pm – 10pm	Gas Sendout: 3,173 MMcf Gas Receipts: 2,708 MMcf	11,068 thermostats targeted

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				<p>Cold weather conditions and high customer demand expected through 2/18/2019.</p> <p>SoCalGas activated the DR program consistent with the November 2, 2017 Aliso Canyon Withdrawal Protocol which directs SoCalGas, as appropriate, to use all other appropriate, available, and necessary alternatives before using Aliso Canyon.</p>	
24	Smart Therm	2/15/2019	5am - 9am	<p>Gas Sendout: 3,236 MMcf Gas Receipts: 2,588 MMcf</p> <p>Cold weather conditions and high customer demand expected through 2/18/2019.</p> <p>SoCalGas activated the DR program consistent with the November 2, 2017 Aliso Canyon Withdrawal Protocol which directs SoCalGas, as appropriate, to use all other appropriate, available, and necessary alternatives before using Aliso Canyon.</p>	25,825 thermostats targeted
25	Smart Therm	2/15/2019	6pm – 10pm	<p>Gas Sendout: 3,236 MMcf Gas Receipts: 2,588 MMcf</p> <p>Cold weather conditions and high customer demand expected through 2/18/2019.</p> <p>SoCalGas activated the DR program consistent with the November 2, 2017 Aliso</p>	11,065 thermostats targeted

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26	Smart Therm	2/19/2019	5am - 9am	<p>Gas Sendout: 3,671 MMcf Gas Receipts: 2,702 MMcf</p> <p>Cold weather conditions and high customer demand expected through 2/22/2019.</p> <p>SoCalGas activated the DR program consistent with the November 2, 2017 Aliso Canyon Withdrawal Protocol which directs SoCalGas, as appropriate, to use all other appropriate, available, and necessary alternatives before using Aliso Canyon.</p>	37,528 thermostats targeted
27	Smart Therm	2/20/2019	5am - 9am	<p>Gas Sendout: 3,642 MMcf Gas Receipts: 2,707 MMcf</p> <p>Cold weather conditions and high customer demand expected through 2/22/2019.</p> <p>SoCalGas activated the DR program consistent with the November 2, 2017 Aliso Canyon Withdrawal Protocol which directs SoCalGas, as appropriate, to use all other appropriate, available, and necessary alternatives before using Aliso Canyon.</p>	38,510 thermostats targeted

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28	Smart Therm	2/21/2019	5am - 9am	<p>Gas Sendout: 3,828 MMcf Gas Receipts: 2,672 MMcf</p> <p>Cold weather conditions and high customer demand expected through 2/22/2019.</p> <p>SoCalGas activated the DR program consistent with the November 2, 2017 Aliso Canyon Withdrawal Protocol which directs SoCalGas, as appropriate, to use all other appropriate, available, and necessary alternatives before using Aliso Canyon.</p>	38,547 thermostats targeted
29	Smart Therm	2/22/2019	5am - 9am	<p>Gas Sendout: 3,524 MMcf Gas Receipts: 2,667 MMcf</p> <p>Cold weather conditions and high customer demand expected for through 2/22/2019.</p> <p>SoCalGas activated the DR program consistent with the November 2, 2017 Aliso Canyon Withdrawal Protocol which directs SoCalGas, as appropriate, to use all other appropriate, available, and necessary alternatives before using Aliso Canyon.</p>	39,165 thermostats targeted

At this time, SoCalGas does not have preliminary or final data regarding therm savings attributable to a particular DR events for the 2018-2019 winter season. SoCalGas provides the following table below, however, which shows a table of estimated preliminary therm savings for January 1 to 24, 2019 calculated based on an extrapolation of the therm savings

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from the 2017-2018 winter program evaluation. The therm savings for the 2018-2019 winter season will be provided in the load impact evaluation that will occur after the conclusion of the winter season.

2019 DR Event Date	Time	Therms Saved	MMcf Saved
January 2	5 am – 9 am	279.4	0.0279
January 3	5 am – 9 am	286.6	0.0287
January 4	5 am – 9 am	286.6	0.0287
January 7	5 am – 9 am	244.6	0.0245
January 15	5 am – 9 am	250.6	0.0251
January 16	5 am – 9 am	251.5	0.0251
January 17	5 am – 9 am	253.0	0.0253
January 22	5 am – 9 am	243.4	0.0243
January 23	5 am – 9 am	429.2	0.0429
January 24	5 am – 9 am	501.7	0.0502