

From: Myers, Richard A.
Sent: 12/3/2013 11:53:12 AM
To: Doll, Laura (/O=PG&E/OU=CORPORATE/CN=RECIPIENTS/CN=LRDD)
Cc:
Bcc:
Subject: RE: UPDATE: Cold Weather Alert for Dec 5 and Dec 6

Thanks Laura. The information below is really helpful.

By the way, the trip to the gas control center yesterday was great, and Mel and Rick gave us very useful and clear presentations.

Richard

From: Doll, Laura [mailto:LRDD@pge.com]
Sent: Tuesday, December 03, 2013 11:03 AM
To: Myers, Richard A.; Malashenko, Elizaveta I.
Subject: FW: UPDATE: Cold Weather Alert for Dec 5 and Dec 6

Richard and Liza

Just want you to be aware that cold weather conditions are building and may affect PG&E's gas system. No emergency situations as of now.

Laura

From: Bhatthal, Swaran (GSO)
Sent: Tuesday, December 03, 2013 9:21 AM
Subject: UPDATE: Cold Weather Alert for Dec 5 and Dec 6

ALL:

The Cold Weather Alert remains in effect for Thursday 12/05/13 and Friday 12/06/13. The current forecast is calling for most areas to be at or beyond our Cold Winter Day (CWD) conditions, including Redding, Red Bluff, Sacramento, Oakland, Santa Rosa, Eureka, and Santa Cruz. Several operations are being implemented across the system, as per the Winter Plan, and that we are evaluating the need for curtailments in the Eureka area.

The temperatures are expected to remain cold and the forecast is for a cold weekend. We will continue to provide updates to this alert after each morning forecast, at a minimum, and at other times should the forecast or expected conditions change significantly.

Thank you,

Swaran Bhatthal

Gas Planning Support

925-328-5675

Forecast issued: 07:24

Tue Alarms key Sunday Monday Tuesday Wednesday Thursday Friday Saturday Sunday Monday Tuesday

12/03/2013 on 12/1/2013 12/2/2013 12/3/2013 12/4/2013 12/5/2013 12/6/2013 12/7/2013 12/8/2013 12/9/2013 12/10/2013 forecasts

Location	Next Day Design Criteria Alarm	7-Day Design Criteria Alarm	Min	Ma	Min	Ma	Min	Ma	Min	Ma	Min	Ma	Min	Ma	Min	Ma	Min	Ma				
Redding		CWD> 1	41	67	34	59	44	52	37	52	25	52	28	47	32	45	28	51	30	53	40	55
Red Bluff		CWD> 1	41	67	36	60	49	53	39	53	24	51	27	48	34	47	27	50	32	54	40	55
Sacramento Exec A/P		CWD> 1	37	68	37	65	50	57	37	54	26	51	29	50	38	49	27	48	31	51	32	53
Stockton		COLD	37	67	40	67	50	57	36	53	26	50	26	50	37	49	27	49	30	52	31	55
Fresno		COLD	42	69	41	67	45	58	35	51	31	50	29	51	36	48	32	50	33	52	35	54
Bakersfield San Luis		COLD	44	67	43	68	43	62	36	51	31	50	28	51	37	49	32	50	34	51	36	53

San Francisco City																						
Oakland A/P	COLD	CWD> 1	40	64	41	61	52	58	36	54	32	52	35	51	43	51	33	52	37	54	42	57
San Jose		COLD	42	67	42	64	51	56	35	53	33	52	33	53	40	51	34	55	37	56	44	61
Concord		COLD	39	68	39	67	50	59	35	53	28	52	30	50	40	49	29	50	33	53	38	56
Santa Rosa		CWD> 1	35	71	33	67	49	58	31	54	23	51	27	48	35	49	25	50	29	52	34	55
Eureka	CWD> 1	CWD> 2	43	56	49	54	39	50	29	48	24	47	34	48	31	47	26	48	34	49	40	52
Santa Cruz		CWD> 1	41	73	41	66	44	61	35	56	29	54	31	56	39	53	30	55	34	56	38	61
Salinas		COLD	42	75	42	64	49	57	35	55	32	55	33	57	38	54	32	56	35	57	40	62
Paso Robles	---	---	33	73	33	76	44	62	29	54	23	52	21	52	34	51	25	52	29	54	33	60
San Luis	---	---	43	82	45	80	45	61	39	58	32	58	31	59	40	56	35	58	34	60	38	63
Obispo																						

Location	Min LRWS Avg	Max % of APD	LRWS Avg of APD	LRWS Avg of APD	LRWS Avg of APD	LRWS Avg of APD	LRWS Avg of APD	LRWS Avg of APD	LRWS Avg of APD	LRWS Avg of APD	LRWS Avg of APD	LRWS Avg of APD	LRWS Avg of APD	LRWS Avg of APD	LRWS Avg of APD	LRWS Avg of APD	LRWS Avg of APD	LRWS Avg of APD	LRWS Avg of APD	LRWS Avg of APD	LRWS Avg of APD	LRWS Avg of APD	
Redding	36.9	75%	51.24%	44.58%	47.52%	43.60%	37.75%	36.95%	38.72%	38.72%	40.68%	46.54%											
Red Bluff	36.1	76%	51.22%	45.54%	50.53%	45.56%	36.76%	36.74%	40.67%	37.47%	41.63%	46.53%											
Sacramento Exec A/P	34.4	83%	46.45%	45.57%	53.39%	43.23%	34.43%	36.48%	42.64%	34.83%	38.74%	39.72%											
Stockton	36.1	74%	49.36%	51.42%	53.88%	43.29%	36.74%	36.74%	42.21%	36.73%	39.37%	41.63%											
Fresno	39.1	71%	53.39%	52.54%	50.34%	42.64%	39.67%	39.71%	41.26%	40.69%	41.56%	43.51%											
Bakersfield	37.6	73%	53.38%	53.09%	50.93%	42.62%	39.69%	37.67%	42.52%	39.58%	41.64%	43.30%											
San Francisco City	43.9	72%	55.44%	51.52%	52.52%	47.64%	43.92%	45.68%	47.53%	44.67%	46.65%	49.48%											
Oakland A/P	38.6	78%	47.67%	46.57%	53.51%	41.87%	38.67%	40.73%	45.60%	39.76%	42.58%	46.68%											
San Jose	42.2	71%	53.41%	52.04%	52.73%	43.67%	42.71%	42.70%	45.23%	44.66%	46.61%	51.06%											
Concord	39.2	73%	52.01%	51.02%	55.62%	44.06%	39.73%	39.81%	45.57%	39.73%	42.84%	47.53%											
Santa Rosa	33.4	82%	47.49%	44.55%	52.28%	39.58%	33.42%	35.09%	40.46%	34.40%	37.67%	41.73%											
Eureka	30.7	89%	46.51%	49.74%	41.63%	34.41%	30.39%	37.67%	35.78%	32.45%	38.07%	43.60%											
Santa Cruz	40.3	77%	52.04%	50.39%	50.87%	44.55%	40.77%	42.07%	45.51%	41.74%	43.67%	47.57%											
Salinas	42.4	72%	54.78%	51.48%	52.93%	44.67%	42.72%	43.69%	45.53%	42.71%	44.86%	49.53%											
Paso Robles	---	0%	---	---	---	---	---	---	---	---	---	---											
San Luis	---	0%	---	---	---	---	---	---	---	---	---	---											
Obispo																							

Forecast is produced daily at approximately 0730, 1030, and 1430.

Alarm	%APD	Description
APD+	100%	Forecast at or greater than Stage 2 (APD) conditions
CWD>2	87.50%	Forecast between Stage 1 and Stage 2 (APD) conditions
CWD>1	75%	Forecast between CWD and Stage 1 conditions
COLD	70%	Forecast COLD conditions at or greater than 70% APD
NOTIFY*	65%	Forecast at or greater than 65% APD (only for San Francisco)

Updated Gas Design Criteria Forecast link:

http://gowx01/weather/pge_share/GAS/Gas_Share/WxReports/GasDesignDay/GDC_4cast.html

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