

From: Cherry, Brian K
Sent: 12/2/2013 11:30:01 AM
To: Malashenko, Elizaveta I. (elizaveta.malashenko@cpuc.ca.gov); Clanon, Paul (paul.clanon@cpuc.ca.gov); Jack Hagan (ejh@cpuc.ca.gov) (Jack.Hagan@cpuc.ca.gov)
Cc:
Bcc:
Subject: FW: Cold Weather Alert for Dec 5 and Dec 6

FYI

From: Bhatthal, Swaran (GSO)
Sent: Monday, December 02, 2013 10:34 AM
To: Gas Ops GSO Gas Response Team; Gas Ops Dsbn Engineering All Employees; GSO SF Clearance; GSO BOps1; Gas Ops M&C Gas T&R Supervisors; Gas Ops M&C Gas Directors Only; CS CE ES&S Gas Specialists; Elec Ops DO DSO Emerg Mgmt Elec Emerg Prep & Public Part; External Communications Media; EP&R P&RS EOC Joint Information Center; Gas Emergency Preparedness - ALL; NR Gas Update; BAR GAS_Update; CCR Gas Update; CVR Gas Upddate
Cc: Stavropoulos, Nickolas; Angalakudati, Mallik; Soto, Jesus (SVP); Christopher, Melvin J. (GSO); Yura, Jane; Bottorff, Thomas E; Bird, Katherine R; Cherry, Brian K; Allen, Meredith; Fischer, Steven (Dir Safety); [Redacted] Mojica, William; Gravelle, Jeffrey; [Redacted] [Redacted] (GSO); [Redacted] Norment, Jake; Lee, Darwin (GSO); Whelan, Steve (GSO); [Redacted] [Redacted] Swanson, Michael; Wells, Kenneth (ET); Dasso, Kevin; Johnson, Kirk; Trevino, Rolando I.; Falk, Michael; Knapp, Kevin
Subject: Cold Weather Alert for Dec 5 and Dec 6

ALL:

The Cold Weather Alert is issued 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 Red Bluff, Sacramento, Oakland, Santa Rosa, Eureka, and Santa Cruz. Based on this forecast, there is low risk for curtailment in these areas. Gas System Planning is evaluating any necessary operations required, as per their winter plan, to meet customer demand. 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,

[Redacted]

Gas Planning Support

[Redacted]

Forecast issued: 07:39	Actual	Actual	Forecast	Forecast	Forecast
Forecast	Forecast	Forecast	Forecast	Forecast	Forecast

Mon Friday	Alarms key Saturday	Saturday Sunday	Sunday Monday	Monday	Tuesday	Wednesday	Thursday						
12/02/2013	on forecasts	11/30/2013	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									
Location	Next Day Design Criteria	Alarm	7-Day Design Criteria	Alarm	Min	Max	Min						
Max	Min	Max	Min	Max	Min	Max	Min						
Max	Min	Max											
Redding	COLD	38	74	41	67	35	63	45	53	37	52	25	53
26	51	30	50	31	53	30	54						
Red Bluff	CWD> 1	40	72	41	67	37	63	46	54	39	53	24	52
25	50	29	50	30	54	32	55						
Sacramento Exec A/P	CWD> 1	40	68	37	68	37	64	47	57	35	53		
27	51	28	52	36	50	31	52	31	53				
Stockton	COLD	38	65	37	67	40	66	46	57	34	52	26	50
27	51	35	51	32	53	31	53						
Fresno	COLD	42	69	42	69	43	70	43	58	35	51	31	50
51	34	50	32	51	36	54							
Bakersfield	COLD	44	68	44	67	45	68	43	58	36	49	32	50
28	52	33	52	32	53	35	53						
San Francisco City	COLD	48	63	49	67	48	60	51	55	45	54		
41	53	42	54	46	51	44	52	45	54				
Oakland A/P	CWD> 1	41	64	40	64	41	59	49	56	36	54	33	
53	33	54	40	52	37	55	37	56					
San Jose	COLD	41	65	42	67	43	63	49	56	35	53	33	52
33	53	39	51	36	55	36	56						
Concord	COLD	41	66	39	68	40	63	48	56	35	54	29	53
30	54	36	52	33	54	34	55						
Santa Rosa	CWD> 1	37	69	35	71	34	64	40	56	30	54	24	
52	25	53	34	51	31	52	30	53					
Eureka	CWD> 2	44	54	43	56	50	53	37	50	28	48	25	47
31	46	29	48	30	49	32	50						
Santa Cruz	CWD> 1	38	69	41	73	41	64	50	61	35	56	30	
54	31	56	37	53	34	55	35	56					
Salinas	COLD	40	67	42	75	42	62	50	57	35	55	32	55
57	36	54	34	56	36	57							
Paso Robles	----	----	34	73	33	73	33	73	40	60	33	52	25
24	54	32	53	27	55	29	56						
San Luis Obispo	----	----	40	81	43	82	46	78	48	61	39	58	33
32	56	35	59	36	60	38	61						

Location	Min LRWS Avg	Max % of APD	LRWS Avg	% of APD	LRWS Avg	% of APD	LRWS Avg	% of APD					
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					
Avg	% of APD	LRWS Avg	% of APD	LRWS Avg	% of APD	LRWS Avg	% of APD	LRWS Avg					
Redding	37.2	74%	52.1	42%	51.2	44%	46.5	54%	48.3	50%	43.6	60%	37.4
	74%	37.2	74%	39.0	70%	40.7	67%	40.5	67%				
Red Bluff	36.3	75%	52.5	39%	51.2	42%	47.6	50%	49.2	46%	45.0	56%	
	36.5	75%	36.3	75%	38.5	70%	40.5	66%	41.9	63%			
Sacramento Exec A/P	35.2	81%	48.6	50%	46.4	55%	45.5	57%	51.1	44%			
	41.5	67%	35.2	81%	36.1	79%	41.5	67%	38.3	74%	38.6	73%	

Stockton	36.1	74%	49.1	46%	49.3	46%	50.7	43%	50.7	43%	41.6	62%
	36.1	74%	37.1	72%	41.8	62%	40.9	64%	40.3	65%		
Fresno	39.1	71%	53.9	39%	53.9	39%	54.9	36%	49.3	49%	42.1	64%
	70%	39.1	71%	41.1	66%	40.6	68%	44.0	60%			
Bakersfield	38.0	72%	53.6	37%	53.3	38%	54.2	36%	49.5	47%	41.9	63%
	39.8	68%	38.0	72%	41.1	65%	40.8	66%	42.7	61%		
San Francisco City	44.9	70%	53.1	49%	55.1	44%	52.1	52%	52.7	50%	48.1	
	62%	44.9	70%	46.0	67%	47.8	62%	46.7	65%	48.1	62%	
Oakland A/P	39.5	75%	47.7	55%	47.1	57%	46.4	58%	50.9	47%	41.8	70%
	39.5	75%	39.8	75%	43.9	64%	42.7	67%	43.0	67%		
San Jose	42.2	71%	52.0	45%	53.4	41%	52.0	44%	51.8	45%	43.7	67%
	42.2	71%	42.7	70%	44.7	65%	45.1	64%	45.5	62%		
Concord	40.3	70%	52.5	39%	52.0	41%	50.8	44%	53.2	38%	44.4	60%
	70%	41.3	68%	44.3	60%	43.1	63%	44.1	61%			
Santa Rosa	34.4	80%	48.0	48%	47.4	49%	44.5	56%	45.8	53%	38.8	70%
	34.4	80%	35.3	78%	40.4	66%	38.8	70%	38.5	70%		
Eureka	31.4	88%	46.4	52%	46.6	51%	50.0	43%	40.3	66%	33.7	82%
	88%	34.9	79%	34.4	81%	35.4	78%	37.1	74%			
Santa Cruz	40.9	75%	49.3	52%	52.0	44%	49.8	50%	54.3	37%	44.3	65%
	40.9	75%	42.0	72%	44.7	64%	43.5	68%	44.3	65%		
Salinas	42.4	72%	50.9	49%	54.7	38%	50.5	50%	53.5	41%	44.1	67%
	72%	43.6	69%	44.4	67%	43.9	68%	45.4	64%			
Paso Robles	----	0%	----	----	----	----	----	----	----	----	----	----
San Luis Obispo	----	0%	----	----	----	----	----	----	----	----	----	----

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