

From: Cherry, Brian K
Sent: 12/10/2013 8:41:55 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 through Dec 11

From: Bhatthal, Swaran (GSO)
Sent: Tuesday, December 10, 2013 8:30 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; EP&R P&RS EOC Joint Information Center; Gas Emergency Preparedness - ALL; NR Gas Update; BAR GAS_Update; CCR Gas Update; CVR Gas Upddate; Gas Ops GSO Managers; Gas Ops GSP Managers; Gas Ops GSP All; Gas Ops GSO Dist Control Center; Gas Ops GSO Gas Control; GAS OPS GT OPS & MAINT SUPERVISORS ALL; Souvall, Andrew; Snapper, Greg; CS CE ES&S Confidential Mgmt Team; Gas Ops FIMP&TS ALL; Gas EOC Alpha; Gas EOC Bravo; Gas EOC Charlie; Gas EOC Delta; Gas EOC Echo; Gas Ops Transmission Engg & Design ELT; Gas Ops M&C Gas All Superintendents; Smith, Don R
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); Brown, Rick (GSO); Mojica, William; Gravelle, Jeffrey; Slibsager, Keith (GSO); Wenzel, Andy (GSO); Andino, Boris (GSO); Norment, Jake; Lee, Darwin (GSO); Whelan, Steve (GSO); Frisch, Jon D; Regan, Jason; Swanson, Michael; Wells, Kenneth (ET); Dasso, Kevin; Johnson, Kirk; Trevino, Rolando I.; Falk, Michael; Knapp, Kevin
Subject: Cold Weather Alert through Dec 11

ALL:

The cold Weather Alert remains in effect through Wednesday 12/11/2013. Though the current weather forecast shows slight warming of temperatures, most areas are still at or beyond Cold Winter Day (CWD) conditions. Cold winter operations are in place across the system. Twelve noncore customers were curtailed today in the Angwin, Auburn, and Los Banos curtailment zones.

Gas System Planning is assessing the need for tomorrow's curtailments, and will provide an update after the 10:30 weather forecast.

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: 07:10		Actual	Actual	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	
Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	
Tue	Alarms key	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	
12/10/2013	on forecasts	12/8/2013	12/9/2013	12/10/2013	12/11/2013	12/12/2013	12/13/2013	12/14/2013	12/15/2013	12/16/2013	12/17/2013	12/18/2013	12/19/2013	12/20/2013	
Location	Next Day Design	Criteria	Alarm	7-Day Design	Criteria	Alarm	Min	Max	Min	Max	Min	Max	Min	Max	
Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	
Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	
Redding	COLD	27	42	33	54	22	57	27	60	26	59	29	58	37	62
Red Bluff	COLD	24	43	28	53	25	56	26	58	25	60	28	60	31	62
Sacramento	Exec A/P	CWD> 1	CWD> 1	28	44	22	48	26	52	27	55	29	57	30	58
Stockton	COLD	COLD	28	43	22	47	25	51	26	54	28	56	29	56	61
Fresno		30	48	27	50	29	53	28	57	31	61	32	59	60	61
Bakersfield	COLD	30	45	26	49	27	52	29	56	30	60	33	58	34	59
San Francisco City	NOTIFY	COLD	37	46	36	51	40	54	42	57	44	56	46	57	47
Oakland A/P	COLD	CWD> 1	31	48	30	54	32	55	33	58	34	57	36	58	60
San Jose	COLD	31	47	25	51	28	56	31	60	33	61	36	59	39	61
Concord	CWD> 1	29	43	28	47	25	52	29	56	31	57	35	58	36	59
Santa Rosa	COLD	CWD> 1	26	48	19	51	23	55	26	59	28	57	31	59	61
Eureka	CWD> 1	CWD> 1	24	43	25	49	29	48	31	51	33	49	39	37	51
Santa Cruz	COLD	30	51	25	57	30	60	32	64	36	65	38	60	38	63
Salinas		30	49	26	55	34	60	33	63	35	62	38	62	64	67
Paso Robles	----	----	21	46	18	52	23	57	24	63	25	65	28	28	65
San Luis Obispo	----	----	36	52	28	60	32	66	34	70	35	68	36	38	67

Location	Min LRWS Avg	Max % 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	% of APD	LRWS Avg	% of APD
Redding	37.2 74%	34.5 80%	42.1 63%	37.2 74%	41.0 66%	40.1 68%	41.4 65%	47.2 52%	46.3 54%	48.1 50%	49.2 48%		
Red Bluff	38.5 70%	33.2 82%	39.0 69%	38.5 70%	39.8 67%	40.0 67%	41.6 63%	43.9 58%	46.7 52%	48.3 48%	47.0 51%		
Sacramento Exec A/P	34.7 82%	34.3 83%	30.8 91%	34.7 82%	36.1 79%	38.0 75%	39.0 72%	39.5 71%	41.4 67%	42.6 64%	43.3 62%		
Stockton	35.9 74%	34.6 77%	32.6 82%	35.9 74%	37.7 71%	39.7 66%	40.3 65%	41.8 62%	43.6 58%	44.6 56%	45.8 53%		
Fresno	40.0 69%	38.2 73%	37.6 74%	40.0 69%	41.3 66%	44.7 59%	44.3 60%	46.2 55%	47.2 53%	48.2 51%	48.7 50%		
Bakersfield	37.3 73%	36.7 74%	35.6 77%	37.3 73%	40.0 67%	42.0 63%	43.2 60%	44.2 58%	45.2 56%	46.1 54%	48.3 49%		
San Francisco City	44.6 71%	39.9 82%	40.8 80%	44.6 71%	46.9 65%	48.0 62%	49.8 58%	50.8 55%	51.1 54%	52.1 52%	51.4 53%		
Oakland A/P	39.4 76%	36.9 82%	37.8 80%	39.4 76%	40.8 72%	41.3 71%	42.8 67%	46.0 59%	45.6 60%	46.5 58%	46.3 59%		
San Jose	41.6 73%	39.0 80%	37.9 83%	41.6 73%	44.9 64%	46.3 60%	46.9 59%	49.2 52%	49.6 51%	51.5 46%	51.5 46%		
Concord	37.4 77%	36.6 79%	37.5 77%	37.4 77%	41.4 67%	43.0 63%	45.9 56%	46.8 54%	47.9 51%	50.2 45%	49.2 48%		
Santa Rosa	34.7 79%	34.4 80%	30.9 89%	34.7 79%	37.9 72%	38.5 70%	41.0 64%	43.6 58%	43.6 58%	43.9 57%	43.6 58%		
Eureka	34.4 81%	29.2 93%	32.1 86%	34.4 81%	36.8 75%	37.4 74%	41.6 63%	40.7 65%	41.2 64%	42.5 61%	43.2 60%		
Santa Cruz	42.4 71%	40.2 77%	38.7 81%	42.4 71%	44.6 65%	47.1 58%	47.1 58%	47.8 56%	49.3 52%	50.6 48%	50.2 49%		
Salinas	45.2 64%	39.3 81%	38.9 82%	45.2 64%	46.4 61%	48.1 56%	50.0 51%	50.4 50%	51.3 48%	50.9 49%			
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