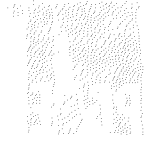


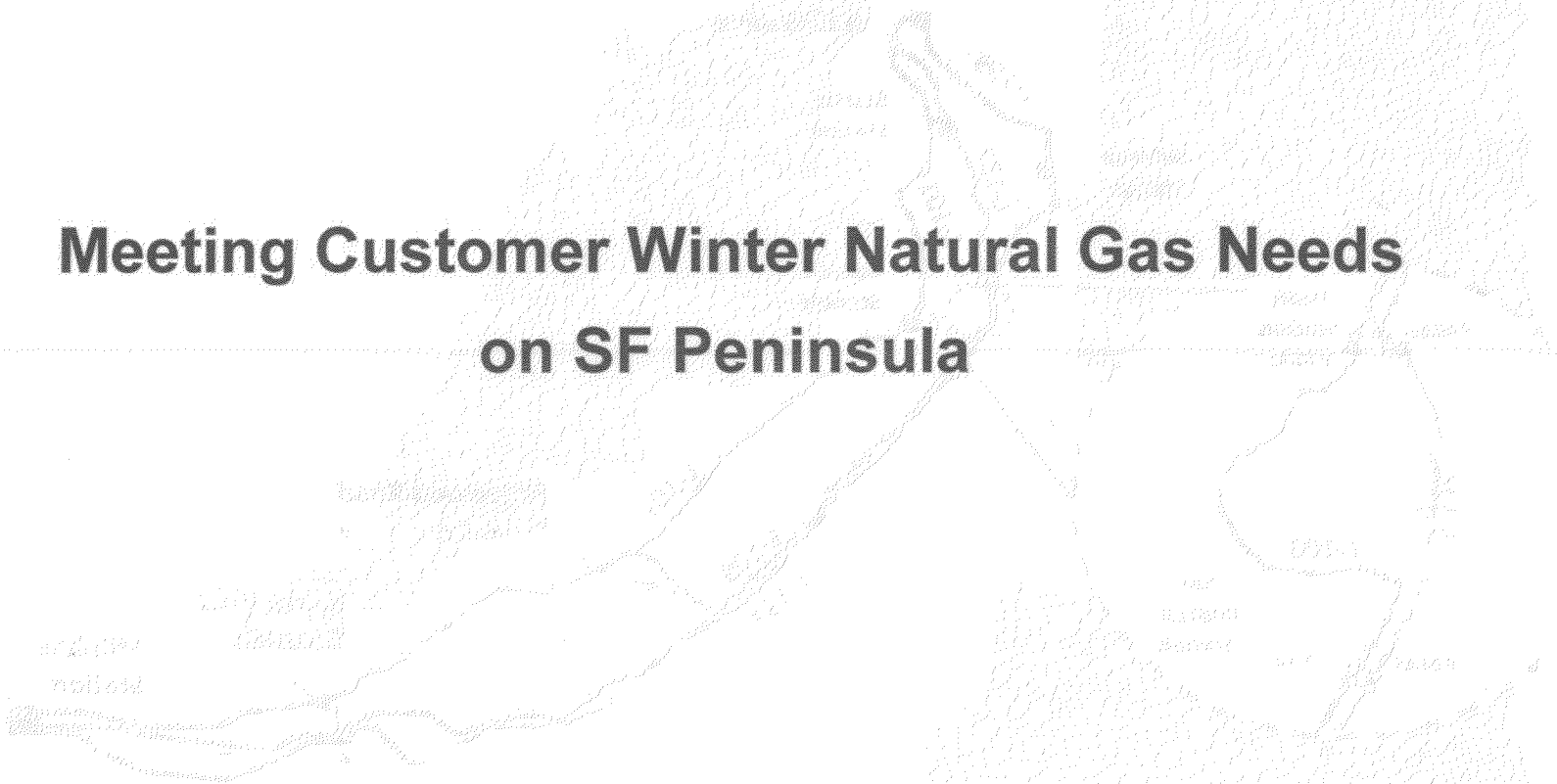


Peninsula Local Transmission System: Path to Acell



California Statewide Natural Gas System: Acell to California Statewide Natural Gas System

# Meeting Customer Winter Natural Gas Needs on SF Peninsula



December 9, 2010



# Peninsula Local Transmission System: Prior to Accident

Redacted



# Peninsula Local Transmission System: Post Accident



Redacted



## System Response Activities Post-Accident

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- Lowered pressures in the SF Peninsula pipeline system
- Leak surveyed entire gas transmission system (both aerial and ground based surveys)
- Completed integrity assessment on gas transmission pipelines in and around San Bruno
- Increased frequency of pipeline patrols L-132
- Installed new pipeline cross-ties, valves and regulation within three regulator stations plus Milpitas Terminal to improve system operations & reliability
- Performed pipeline record research & pipeline threats analysis on Line 101 (MP-0 to Lomita Station)
- Implemented additional natural gas conservation program for SF Peninsula
- SF TransBay Cable in service -- allows Potrero Power Plant Unit #3 to be shut-in (55% of Non-core load)
- Completed 115 kV transmission circuit recabbling
- Pursued Peak Load Shaving option -- deploy mobile natural gas supplies at end of system in SF load center

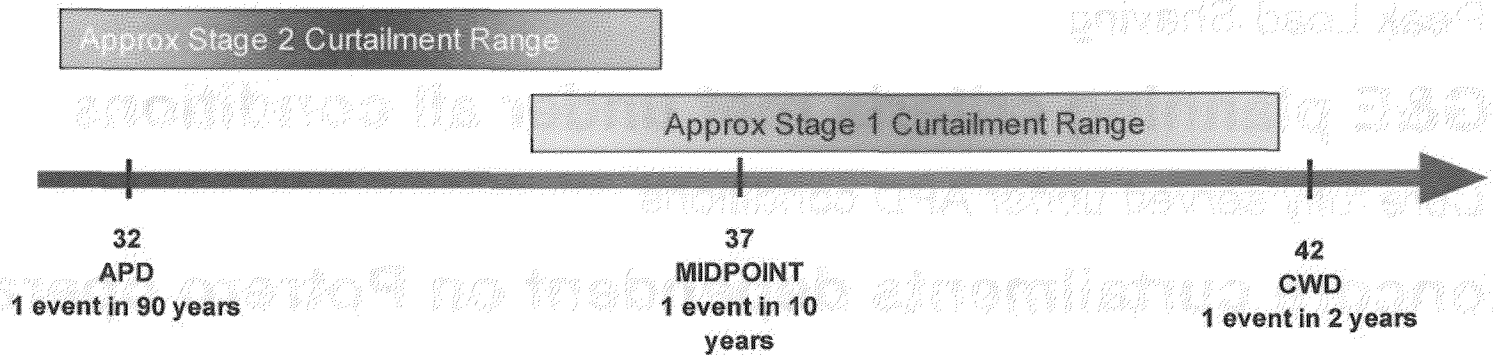


- **Optimized operating plan maximizes system capacity and service to customers**
  - Line 132 out of service between Healy & San Andreas Stations
  - Cross-ties provide additional operating flexibility
  - Updated demand forecast for all customer classes
  - Peak Load Shaving
- **PG&E planning criteria met under all conditions**
  - Core fully served under APD conditions
- **Noncore curtailments dependent on Potrero operations**



# Capacity and Curtailment Summary

Milpitas Pressure % Reduction			Stage 2 Curtailment				Stage 1 Curtailment				Cold Winter Day Curtailment			
L-101	L-109	L-132	Distrib Systems	Large Core	Noncore	Noncore w Potrero curtailed 1st or retired	Distrib Systems	Large Core	Noncore	Noncore w Potrero curtailed 1st or retired	Distrib Systems	Large Core	Noncore	Noncore w Potrero curtailed 1st or retired
300 20%	300 20%	300 20%	None	None	curtail SF to Mtn View 100%	curtail SF to Mtn View 100%	None	None	curtail SF 70%	curtail SF 33%	None	None	None	None





## Noncore Customer Summary

Non-core customers are those who have chosen *a reduced price in trade for a contract that allows curtailment when gas demand is too high for system to handle all needs.*

Non-core customers	Peninsula	SF	Total
Hospitals	8	8	16
Colleges/Schools	6	7	13
Government Buildings	12	12	24
Office Buildings	3	3	6
Hotels	2	5	7
Hi Tech	11	-	11
Industries	23	4	27
Utility	5	4	9
Total	70	44	114

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