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| Docket Number: | 16-SPPE-01 |
| Project Title: | AltaGas Pomona Energy |
| TN #: | 211560 |
| Document Title: | Presentation - Think AltaGas for the May 18, 2016 Site Visit and Informational Hearing |
| Description: | AltaGas Pomona Energy Inc.'s PowerPoint Presentation for the May 18, 2016 Site Visit and Informational Hearing |
| Filer: | Kimberly Hellwig |
| Organization: | Sierra Research |
| Submitter Role: | Applicant |
| Submission Date: | 5/19/2016 11:22:58 AM |
| Docketed Date: | 5/19/2016 |



Think ***AltaGas***

The Pomona Repower Project
May 18, 2016

20
YEARS

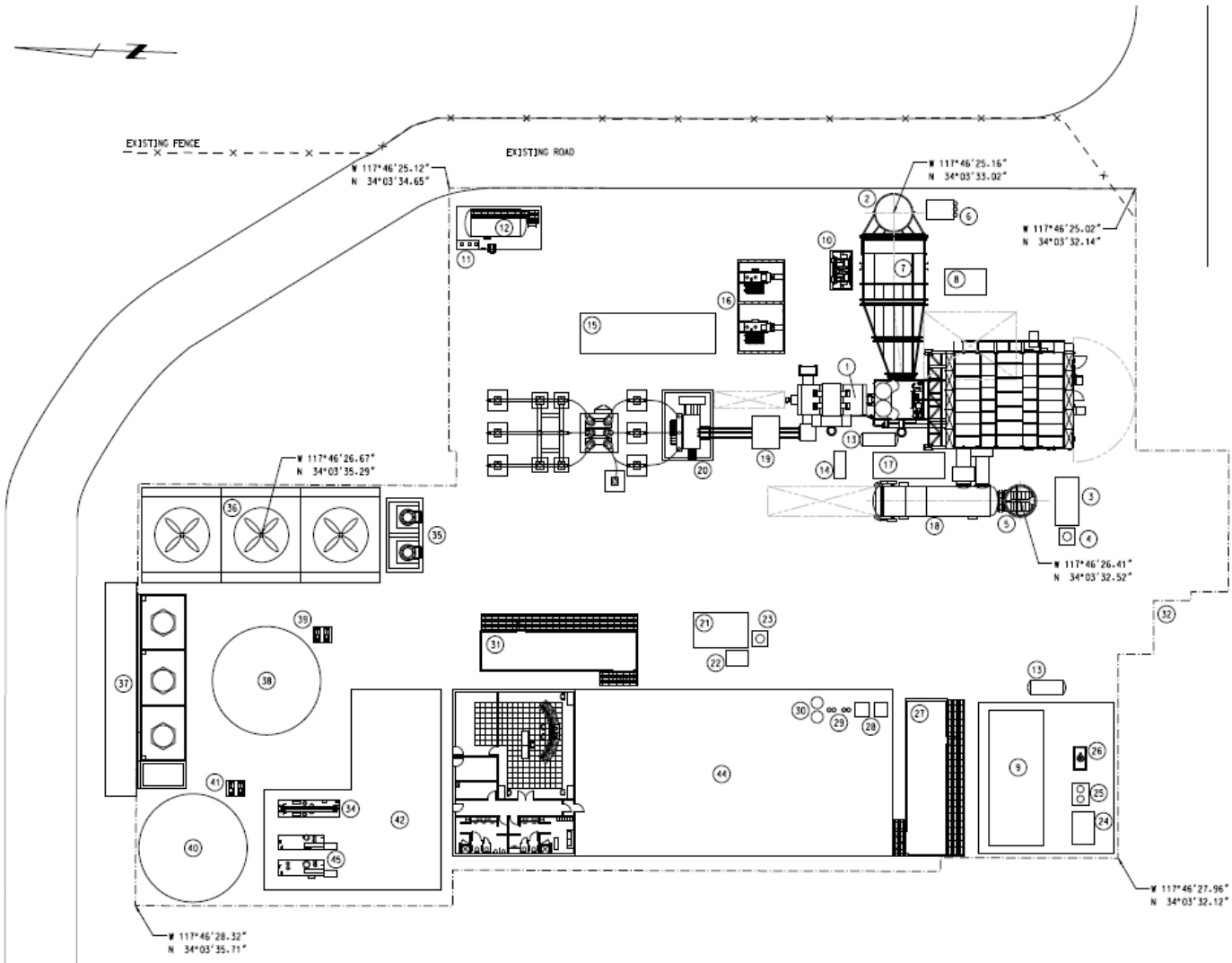
Pomona Repower Project – Overview

- Acquired by AltaGas in January 2015
 - Existing San Gabriel Cogeneration Facility is 44.5 MW
 - Located at 1507 Mt. Vernon Avenue (site of the old paper mill) on 2-acre parcel
- Proposed 100-MW natural-gas-fired, simple-cycle (peaking) facility and removal of the San Gabriel Facility currently in operation
- Demolition expected to take ~3 months
- Construction expected to take ~16 months
 - Up to 140 construction jobs
- Commissioning 1st Quarter 2019
- Property taxes are estimated to increase by ~\$1.1 million annually
- Use existing 66 kV Simpson transmission line connected to SCE's Ganesha-Simpson transmission line

Pomona Repower Project – Overview

- Primary water source will switch from potable to recycled water
 - Will provide a use for City's excess recycled water
 - PRP will use ~22 percent of the current facility's daily potable water consumption, while producing more than twice the electrical output
- Key project components
 - One (1) GE LMS100PA combustion turbine generator
 - Evaporative coolers on inlet air system, compressor inter-stage cooling and water injection to control NOx
 - One (1) multifan, induced draft cooling tower
 - Two (2) fuel gas compressors, new gas compressor/pressure control station
 - One (1) raw water storage tank
 - One (1) 66-kV interconnection to the Ganesha Simpson transmission line
 - Reuse existing supply and discharge lines, including natural gas, potable and recycled water, process wastewater and sanitary wastewater.

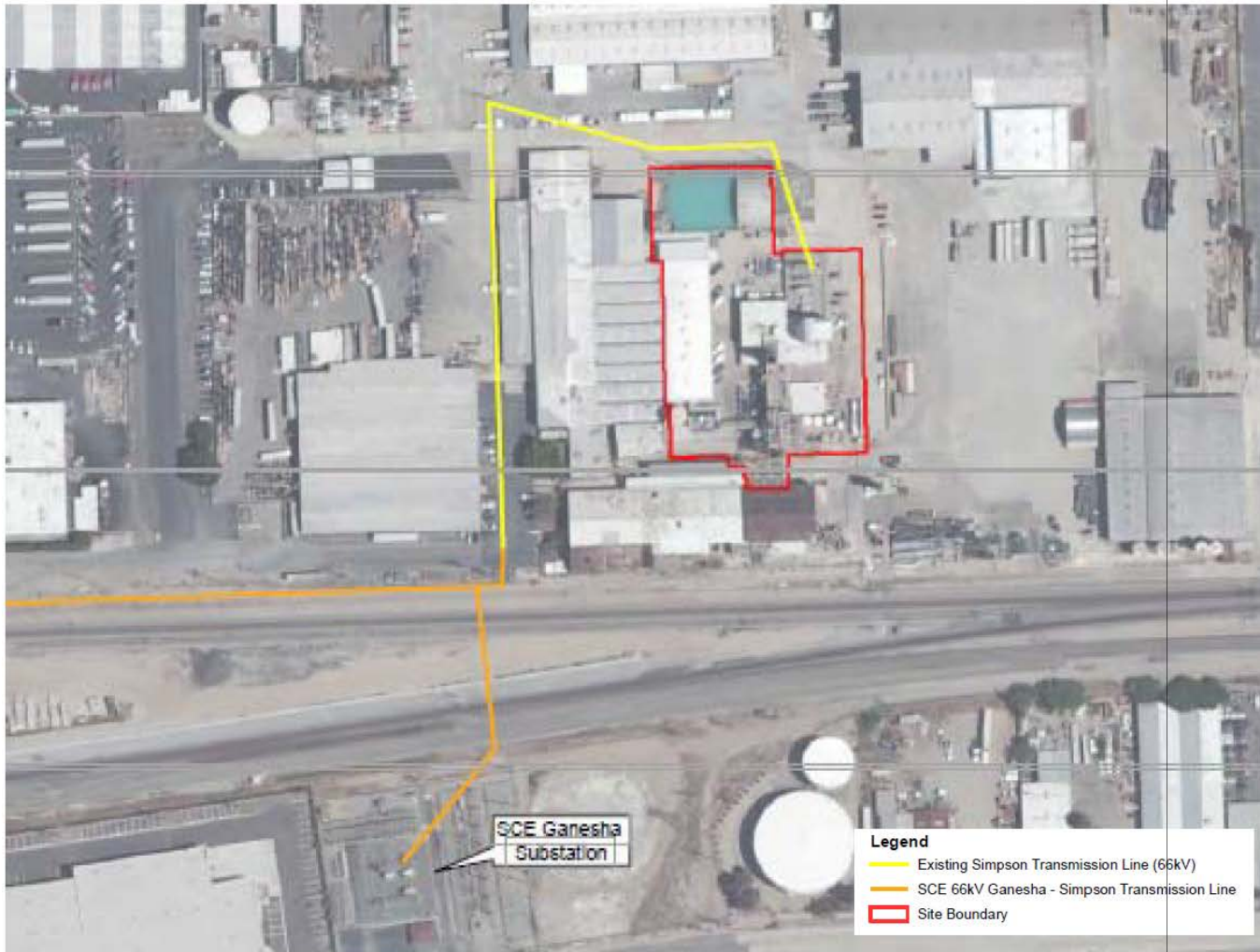
Pomona Repower Project Site Layout



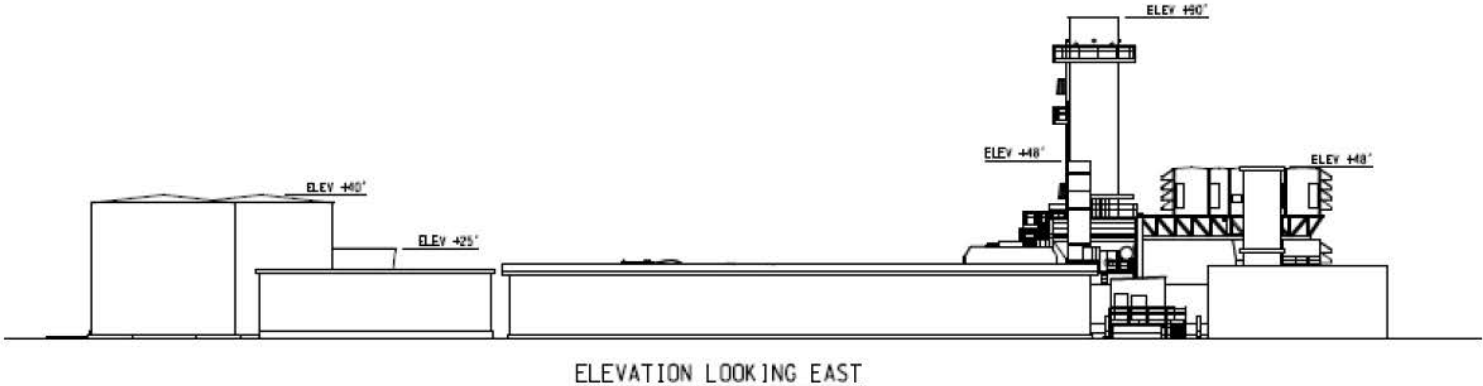
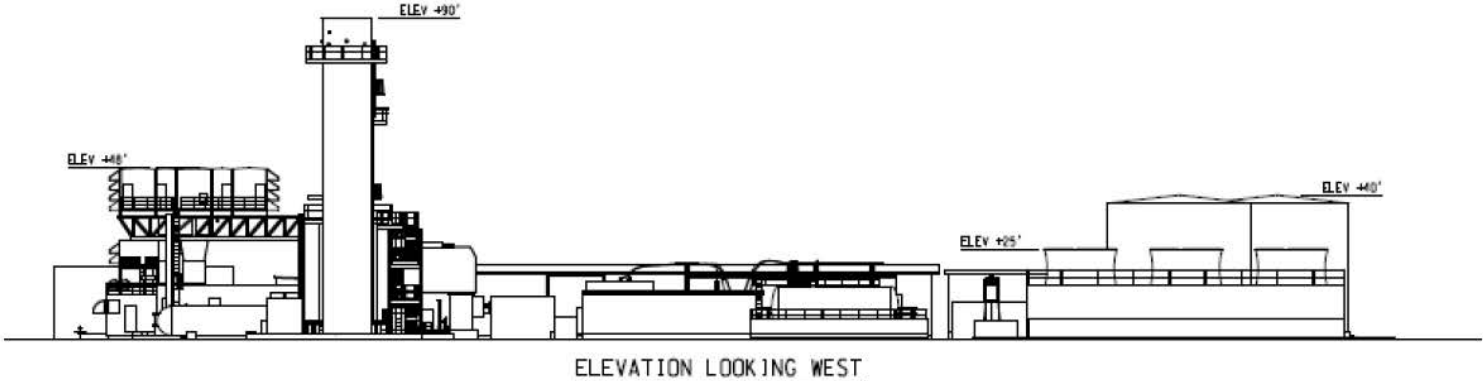
LEGEND

- ① - GAS TURBINE GENERATOR (GTG) LMS100
- ② - GTG EXHAUST STACK
- ③ - OIL WATER SEPARATOR
- ④ - OIL WATER SEPARATOR SUMP
- ⑤ - VBV SILENCER
- ⑥ - CEMS
- ⑦ - SCR
- ⑧ - CO₂ STORAGE
- ⑨ - FUEL GAS COMPRESSOR SKID ENCLOSURE
- ⑩ - NH₃ VAPORIZATION SKID
- ⑪ - NH₃ FORWARDING PUMP
- ⑫ - NH₃ STORAGE TANK
- ⑬ - OIL WATER DRAINS TANK
- ⑭ - WASTE WASH WATER TANK
- ⑮ - POWER CONTROL MODULE
- ⑯ - AUX TRANSFORMER
- ⑰ - COOLING WATER PUMP SKID
- ⑱ - INTERCOOLER
- ⑲ - GEN CIRCUIT BREAKER
- ⑳ - GSU
- ㉑ - CCW HEAT EXCHANGER
- ㉒ - CCW FORWARDING PUMPS
- ㉓ - CCW EXPANSION TANK
- ㉔ - FUEL GAS ESD AND KNOCK OUT DRUMS
- ㉕ - FUEL GAS COALESCE/FILTER
- ㉖ - FUEL GAS DRAINS TANK
- ㉗ - FUEL GAS AREA MCC/PDC
- ㉘ - AIR COMPRESSORS
- ㉙ - AIR DRYERS
- ㉚ - AI RECEIVERS
- ㉛ - WATER TREATMENT AND COOLING TOWER MCC/PDC
- ㉜ - PROPERTY LINE
- ㉝ - AUX TRANSFORMER
- ㉞ - RD SKID
- ㉟ - CIRC WATER PUMPS
- ㊱ - COOLING TOWER
- ㊲ - CHEMICAL UNLOADING AREA
- ㊳ - RAW/FIRE WATER STORAGE
- ㊴ - RAW WATER FORWARDING PUMPS
- ㊵ - DEMIN WATER STORAGE
- ㊶ - DEMIN WATER FORWARDING PUMPS
- ㊷ - WATER TREATMENT BUILDING
- ㊸ - NOT USED
- ㊹ - MAINTENANCE/WAREHOUSE/CONTROL HOUSE
- ㊺ - EDI SKID

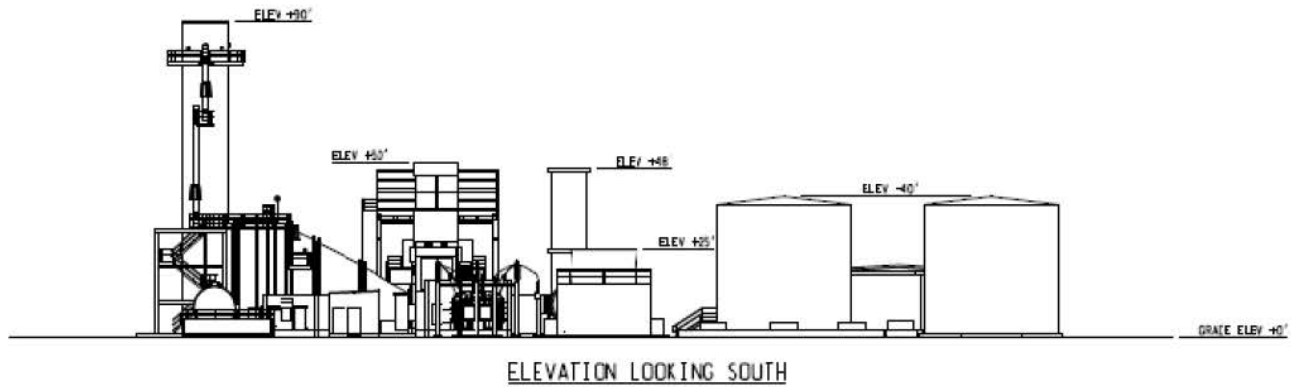
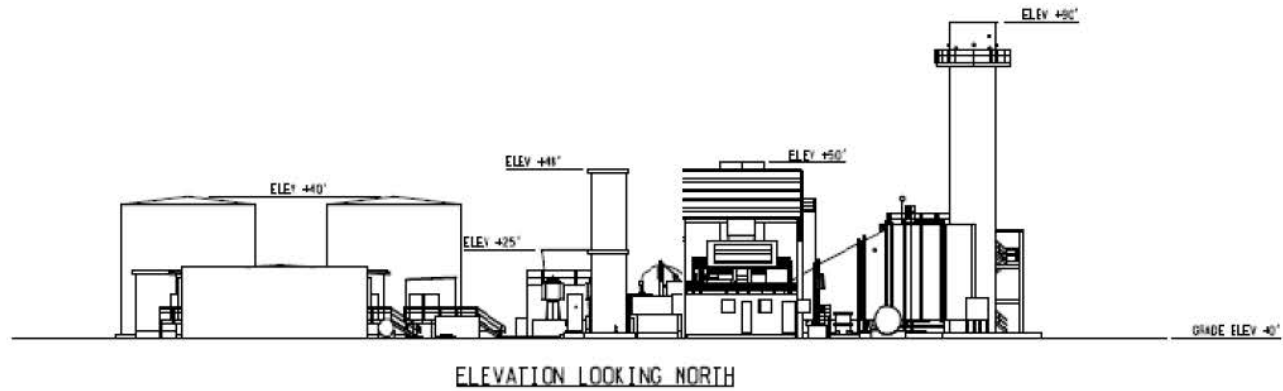
Pomona Repower Project & Linear Features



West and East Elevations



North and South Elevations



Aerial View of Existing San Gabriel Facility



Aerial View of Pomona Repower Project



KOP-1, Existing View from W. 2nd St. Looking North across RR tracks



Simulation of Pomona Repower Project



KOP-2, Existing View from Holt Ave. and North Currier Street (not visible in view)



KOP-3, Existing View from West Holt Ave. Near North Webber Street



Simulation of Pomona Repower Project



Key Project Contacts

- Developer
 - Scott Valentino, AltaGas Pomona Energy Inc.
 - George Muñoz, AltaGas Services (U.S.) Inc.
- Consultant Team
 - John Carrier, CH2M HILL, Inc.
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 - Matt Ross and Jesus Arredondo, Advantage Consulting
- Legal Team
 - Kristen Castaños and Melissa Foster, Stoel Rives LLP

Questions?