

October 24,2008 C3ET Stakeholder Comments

As a Squaw Valley resident,a Stakeholder and an intelligent citizen, I have difficulties in understanding the "Updated" ? Reliability & Cost assessments submitted by PG&E. There seem to be no Cost Analysis per Alternate Route nor Lea person information available.

My questions to Caiso - PG&E - SCE are as follows;

1. In studying the map of Power Transmission lines & Substations which currently exist in California,a.- how can it be even remotely Environmentally Responsible & futuristic to build New incoming South to North Transmission Lines, when 100s of North to South,and vice versa,east to West, are already in place? These are obvious Hazards to FAA and Fire abatement
2. Re: Alt 1 Load Loss; If PG&E needs C3ET to improve the output capabilities of Helms Pump Station,
why then does SCE not sell their Big Creek Hydro to PG&E, remove existing hazardous 1930 transmission lines, purchase C3ET allocated MW from Wind & Solar. Then Sell some of the additional Renewable MWs to PG&E which could be transmitted South to North via existing & possible 230kv upgrades via Path 15?
3. The City of Anaheim CA has built the First Underground Substation in the U.S., and there exist several world wide.
Why is this not included as an option for Gregg upgrade, or E2 located Nearer to Fresno than in the Foothills?
If Study data through PG&E is not available,
 - a.-Provide an extensive study completed and supplied to the CAISO & Public immediately.
 - b.- Provide data re: feasibility of Solar Facility above substation as its power source.
4. We are living in an era of Technology. We have capabilities much improved over the
Early 20th century yet our State is Webbed with antiquities.
 - a.-Why must foothill residents be subjected to Dangerous, Hideous, Expensive & Stone Age Towers to provide more power to over developed Fresno, Sacramento & San Francisco areas?
 - b.- What is the cost analysis for Replacing/Refurbishing many existing lines to accomodate needs?
5. How reliable will Helms remain as Global Warming reduces the amounts of Snow &
Rainfall which are diminishing annually in the Sierra Nevada Range?

a.-What is the exact evaporative data of Helms and Big Creek Hydroelectric Stations?

b.-What are the projected amounts of same when pumping is increased?

6. a.-What is the source, upgradability, and capacity of the 500kv Transmission line coming South into Fresno County currently?
- b.-Why are the Reliability assessments relating to this Corridor NOT included in the 2013 & 2020 reports?
- c.- What are the upgradable capabilities of this Line?

7. Per CAISO 2009 projections:

2.1 Reliability Assessments

In compliance with NERC, WECC, and CAISO Reliability Criteria, each year, reliability assessments are conducted to ensure performance of the system will meet or exceed the applicable reliability standards⁴. The term "Reliability Assessment" encompasses several technical studies such as

Power Flow, Transient Stability, and Voltage Stability.

So please provide the current Data on the SCE Big Creek Lines.

8. Why is PGEs c3et website out dated ? And since it is The Source for the Public, how are the citizens to know all information so as to take part in the process?
9. Why has PGE not Produced the Project maps which were supplied to the Public in meetings as "new studies" i.e. Squaw Valley re-route July 31.?
10. Since this project was thrown together Due to the apparent Rush of PG&E + SCE- to meet FERC/State Mandates by 2010, it appears to not be well thought out. This will not be online until at the earliest 2013.
 - a.-Please provide the supply data including Wave - Wind - Bio,Thermal and all other current/future projects which may diminish the need for C3et altogether.

--

Thank You,

Joyce Berube

www.savethefoothills.org