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Kurt

From: Al Figueroa [afigueroa@energysc.net]
Sent: Wednesday, October 09, 2002 2:58 PM
To: mma@sdenergy.org; Al Figueroa (E-mail); Alspaugh, Thomas; Chris Scolamieri (E-mail); Davidson, Keith; Garceau, Steve; Helminski, John; Hoagland, John; Kurt; 'Philip H. Carroll' (E-mail); Raffesberger, Ray; Ron Ishii P. E. (E-mail); Wendy Gumb (E-mail)
Cc: Scott; Ben
Subject: RE: Multi-Agency Team Releases 2030 San Diego Regional Energy Infrastructure Study

Mike, I did a quick review of the draft REIS report and I have some comments you may wish to consider:

The overall tone of the study appears to be comprehensive in looking at the energy issues in the San Diego area, but falls short in discussing an integrated regional plan with North Baja California. The overall tone of the report appears to emphasize distributed generation as a significant portion of meeting future energy needs, but no consideration of environmental impacts was mentioned. Additional comments follow:

Although Baja is mentioned as a part of the region I didn't see any indication to suggest a collaborative program for energy planning.

The study fails to consider aging and replacement of existing central plants with more efficient combined cycles or other advanced technology,

The report implies that liquefied natural gas could be a fuel option for power generation, but a cost consideration should also be mentioned. This source of fuel is not cheap and requires the development of infrastructure.

Anticipating an increase in population to nearly double by 2030 the study should also indicate required close coordination of activities between energy and the non-energy related regional planning issues, such as water sources, waste management, water treatment plants, and other social needs for the region.

The report fails to address the issue of water desalination with central power plants to increase their efficiency and provide a valuable and viable source of water to the region.

Although today SDG&E is the provider of transmission and distribution services, the study should consider the possibility of microgrids that would be served by distributed generation. Also, the possibility of wheeling power using the SDG&E distribution system to supply power from one facility for another of the same ownership. This could be likely if the CPUC rules in favor of open access wheeling.

Lastly, the study should also consider the possibility of municipalization of electric service by some cities in the region and how that process would potentially impact the area with respect to generation, transmission, and distribution.

If you need additional information on this matter, please contact me.

Regards,

Al Figueroa