

## DOCKETED

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IEPR public comments for Docket No. 16-IEPR-02

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## Comments

1. All measures can be undertaken immediately and continued til Dec.31, 2016 in order to mitigate the potential risk for reliability of gas supplies and related power generation and gas supplies for direct delivery uses during the winter months.

2. All measures can also be counted for mitigation of methane emission as part of the ARB Mitigation Program.

3. Immediate undertaking by 10 or more private sector contractors for the block-by-block installation and connecting of solar voltaic panel to exiting residential structures throughout the Porter Ranch district of the City of Los Angeles. Each contractor can/has adequate staff and subcontractors to form 5-10 teams to: a.prepare access to the residential roofs, b. prepare roof for receipt of solar panels, c,install solar panels/inverter, and d. provide connections to existing electrical metering...

4. Solar installation can be standardized for acceptance by Dept. Bldg. and Safety and Dept. Water and Power for expedited installation/operations. Over 100 such panel array are currently operational within the District. Assuming 50+ teams (5-10 contractors, with 5-10 teams) can operate in various neighborhoods of the District, installation/operations could easily achieve one residence per day per team and with 50 team could achieve initial installation of 60 days x 50 = 3000 residence before the height of the summer AC-season and another 3000 units during the AC season...3000 x 10kwhr/hr would provide 30,000 kwh/hr x 6 hr = 180,000 kwhr/day with additional generation coming on line each day during the AC season.

5. Similarly using the same approach for the winter/heating season, but starting in August, solar hot water heaters could be mounted on the same residence initially for building hot water service, then for pool heating, and eventually ungraded to pace heating using an integrated system of solar-pool/tank storage-pace heating by hot water radiation.

6. Continued installation/operations throughout the year could easily achieve 10,000 units for both water and power by solar panels throughout Porter Ranch and beyond and mitigate some of the impact of the methane release 2015-16.

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