

**REQUEST FOR SPECIAL TEMPORARY AUTHORITY**

Chevron USA Inc. (“Chevron”), pursuant to Section 5.61 of the Rules and Regulations of the Federal Communications Commission (“FCC” or “Commission”), hereby requests special temporary authorization (“STA”) of a conventional experimental radio service station for a period of 6 months.

Chevron operates cogeneration facilities in Coalinga, CA that both supply power to Chevron’s oil field and provide extra power that is sold to the utility, Pacific Gas and Electric Company (“PG&E”), to make up part of California’s power grid. Stability of the California power grid requires that the balancing authority, California Independent System Operator (“CAISO”), have real time data from each of the approximate 4,000 sources of power generation within the state.

Historically, Chevron has relied upon infrastructure leased from Sprint Corporation (“Sprint”) to carry this data to and from PG&E and CAISO. Chevron recently received a letter from Sprint stating that Sprint will no longer be leasing this infrastructure. There are no other providers that provide this service at equivalent speeds.

Chevron seeks STA to test equipment using the 1.4 GHz band as a possible replacement for this lost service. Chevron is a heavy user of the 1.4 GHz band and holds nearly 50 licenses under Section 90.259 of the FCC’s rules for 1.4 GHz operations. A new WiMAX standard, 802.16s, has been developed by IEEE in conjunction with the Electric Power Research Institute (EPRI) and others for industrial grade, mission critical licensed networks. The equipment Chevron seeks to test makes use of this new standard.

Chevron’s ability to send and receive data to and from PG&E and CAISO is essential to the stability of California’s power grid. Therefore, grant of STA in this instance would be in the public interest.

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Should the Commission require additional information, it is asked to contact Greg Kunkle: 202-434-4178; email: [Kunkle@khlaw.com](mailto:Kunkle@khlaw.com).