

**BEFORE THE PUBLIC UTILITIES COMMISSION  
OF THE STATE OF CALIFORNIA**

Order Instituting Rulemaking to  
Consider Alternative-Fueled Vehicle  
Programs, Tariffs, and Policies.

Rulemaking 13-11-007  
(Filed November 14, 2013)

**MOTION FOR PARTY STATUS OF KNGRID, LLC**

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December 19, 2013

Pursuant to Rules 1.4(a)(4) and 11.1 of the California Public Utilities Commission's ("Commission's") Rules of Practice and Procedure, KnGrid, LLC ("KnGrid") respectfully files this motion for party status in the above-captioned docket, R.13-11-007.

KnGrid is a California company that provides the world's most advanced intelligent vehicle charging software system. KnGrid entered this year into an exclusive license arrangement with RWE Effizienz, GmbH of Germany to commercialize their smart-charging platform throughout the NAFTA region. RWE Effizienz is a wholly-owned subsidiary of RWE, one of the world's 10 largest utilities with over \$60B in revenues. RWE Effizienz has invested over \$80M in the development in this platform and has deployed it on over 5,000 charging stations in over 20 countries. In coordination with Mercedes-Benz, they provided technical leadership in the development of the ISO/IEC 15118 standard protocol for vehicle-grid integration. This standard is now embraced throughout Europe by automakers and will be in place on all European-manufactured vehicles by 2017. Further, KnGrid is supporting a pilot demonstration of this technology on 26 charging stations on the UC San Diego campus with funding from the California Energy Commission and RWE Effizienz.

Beyond this experience, KnGrid has provided technical support for a Second-Life Vehicle Battery study conducted by the California Center for Sustainable Energy to show various duty-cycles for grid-connected stationary storage including CAISO ancillary services markets for Non-Generator Resources (NGR). We have also worked with the CAISO on Phase I and II of the NGR market simulations. Our Chief Engineer, David Hawkins, also served previously as Lead Engineer for Renewables Integration at the California ISO.

The Commission initiated this rulemaking proceeding as part of its efforts to evaluate the potential and value of vehicle-grid integration (including the value of batteries for demand response and energy storage) as well to evaluate AFV tariffs in each of the IOUs. The commission also recognizes that this evaluation comes 'mid-stream' as each month brings more electric vehicles into the market and more charging infrastructure into service. KnGrid staff have worked on the SAE J2847/3 Standard Committee and are also active in EPRI's Infrastructure Working Council that brings automakers, EVSE suppliers and utilities from around the United States together quarterly to work on various issues slowing adoption of electric vehicles.

KnGrid has a strong interest in this proceeding. Our goal is to enable grid support applications that advance state Renewable Portfolio Standard, renewables integration and GHG reduction goals that also lower electric vehicle acquisition and ownership costs. We have spent the last two years reaching out to automakers to understand their perspectives and concerns related to this market and help them deliver simplicity to consumers that currently face complexity in their decision to own an electric car.

Communications to KnGrid in this proceeding may be directed to:

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For the foregoing reasons, KnGrid respectfully requests party status in this proceeding.

December 19, 2013

Respectfully submitted,  
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