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*Comment Received From: Shibashis (Shiba) Bhowmik*  
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**Ensure V2B implementation with built-in forward compatibility for full Vehicle Grid Integration and V2G, V2G-AC**

*Additional submitted attachment is included below.*

February 16, 2021

Subject: Comments (20-MISC-01) for Staff Workshop - Vehicle-to-Building (V2B) for Resilient Backup Power

Title: Ensure V2B implementation with built-in forward compatibility for full Vehicle Grid Integration and V2G, V2G-AC

Dear Leaders at the CPUC and the CEC,

We are excited to see the State of California earnestly continue integration of electric vehicles as grid assets. It is also motivating to see vehicle-to-building (V2B), a demonstrated resiliency technique being specifically offered as a solution. Most importantly, the State is anticipating the enormously positive impact on all stakeholders, society and our environment from full vehicle grid integration (VGI).

The primary strategy described by multiple stakeholders and regulators was: V2B as a pathway to full scale VGI and V2G.

We begin by emphasizing the urgency of the goals for the State, in particular, and humanity, as a whole: environmental, economic opportunity, social justice, equitable energy access and sustainability.

California must lead the way due to her own predicament of wildfires mandated power shutdown and rolling blackouts. We sympathize with industries, people and communities which will be affected by the energy transition and technological innovation. We believe we can have both V2B and allow for forward compatibility of V2G / VGI ... NOW.

It was also stated that the goal of V2B is to bring about full VGI/V2G. Accordingly, we recommend the following to both demonstrate and accelerate the State's objectives:

1. Emphasize priority funding from all State sources for solutions which accomplish both grand goals of local and grid resiliency, V2B and V2G/VGI inclusive of V2G-AC.
2. Allow the state to fully support funding of projects and technology prepared to demonstrate the comprehensive and holistic full spectrum of vehicle grid integration.

We can have innovation and ensure no one is left behind. Industries and communities must compromise to move us all forward. California has led many times. Let us lead not just our nation, but the world on full vehicle grid integration.

Sincerely,

Les Mood  
Bakersfield, CA

Shiba Bhowmik  
Charlotte, NC