

**WORKSHOP NOTES**  
**VGI WORKING GROUP**  
*September 23, 2019 WORKSHOP*

*These notes summarize the discussion and comments from the workshop of the Joint Interagency Vehicle-Grid Integration Working Group, which took place at the Intersection for the Arts in San Francisco on September 26, 2019. Materials from this meeting are available at the [Gridworks VGI Working Group Landing Page](#).*

**Action Items:**

- IOUs to revisit methodology with some of the comments from 9.26 and provide an update on the follow-up call on 10.3
- Gridworks to calendar remaining major workshops and calls
- Gridworks to work with Subgroup B lead to launch the Subgroup
  - Reconsider some of the scoping of Subgroup B

<b>Agenda</b>		
<i>Start Time</i>	<i>Duration</i>	<i>Item</i>
10:00	15 Minutes	Participant Introductions and Agenda
10:15	55 Minutes	Presentation of Subgroup Results: Proposed VGI Valuation Methodology
11:10	60 Minutes	Participatory Exercise to Clarify VGI Valuation Methodology
12:10	20 Minutes	Outstanding Issues from Stakeholder Comments and Exercise
12:30	60 Minutes	Lunch
1:30	160 Minutes	Structured Discussion on VGI Valuation Methodology: Resolutions of Outstanding Issues and Forming Consensus
4:10	50 Minutes	Further Business: Work Plan and Formation of Subgroup B

**Vehicle Grid Integration Working Group Materials:**

[Working Group OneDrive](#)

[Action Items List](#)

[Gridworks Landing Page](#)

## Meeting Notes:

After introductions, overview, and discussion of the Workshop Purpose

PG&E moved to present on the [Updated Joint IOU Valuation Methodology](#) that has incorporated comments from [Subgroup A](#).

- CPUC: Is there a specific reason we are focusing solely on California and not looking to the work done in other states or countries?
  - PG&E: The technological feasibility of the timeframe specified for analysis (2019-2022) was part of the limiting scope. Identifying successful applications in other areas would be a great opportunity, if the information is available.
- CEC: One important factor for Subgroup B in determining costs will be determining relative cost without releasing technological or business model proprietary information through the bidding process.
- Public Advocate's Office: How does the Working Group intend to address cost comparison of use cases through absolute cost or incremental costs? Will the end result be a full cost accounting or a relative ranking?
  - PG&E: Looking to provide a basic ranking methodology. The incremental aspect of cost should be embedded in all of the use cases by looking at the value of VGI relative to a reference case.
- CPUC: Will overall market potential be evaluated for use cases that continue through the methodology?
  - SCE: It seems likely that the Working Group could provide a rough idea of projected market size.

**John Holmes (Honda):** Walk through the [illustrative use cases](#) developed during Subgroup A.

**Marc Monbouquette (Enel X):** Walking through a sample use case (to be written up separately)

## Lunch

**Brainstorming and consensus on valuation methodology** (see separate document containing results of brainstorming)

Individuals participating in person:

- Karim Farhat (PG&E)
- Stephanie Palmer (CARB)
- Carrie Sisto (CPUC)
- Mauro Dresti (SCE)
- Peter Klauer (CAISO)
- Marc Monbouquette (Enel X)
- Ed Pike (CPUC)
- Dean Taylor (CalETC)
- Noel Crisostomo (CEC)
- Marissa Williams (CARB)
- Florian Salah (DTNA)
- Miles Muller (NRDC)
- Alex Leumer (Chargepoint)
- John Holmes (Honda)
- Naor Deleanu (Olivine)
- Taylor Marvin (SDG&E)
- Lance Atkins (Nissan)
- Wendy Fong (Lehigh University)

- Christine Alhursti
- John Taggart (WeaveGrid)
- Eric Cutter (E3)
- Jigar Shah (Electrify America)
- Zach Woogen (Strategen)
- Jamie Hall (GM)
- Pamela McDouga (NRDC)
- Zach Peters (CAISO)
- Jackie Piero (Nuvve)
- Fidel Leon Diaz (Public Advocates' Office)
- Matthew Tisdale (Gridworks)
- Eric Martinot (Gridworks)
- Andrew Spreen (Gridworks)
- David Schlossberg (Enel X)
- Megha Lakhchaura (EVBox)

Individuals participating remotely:

- Phillippe Phanivong
- Jessie Denver (EBCE)
- Dave Hurst
- Danielle Dooley
- Dan Bowerson
- Dan McCready
- Hannah Goldsmith
- Jim Tarchinski
- Meredith Alexander (CalStart)
- Alan Bach
- Anna Bella
- Francesca Wahl (Tesla)
- Erin Rodriguez (Union of Concerned Scientists)
- George Bellino
- Alexander Echele
- Medhi Ganji
- Christa Heavey
- Ted Bohn (ANL)
- Glenn Scutt
- Jasna Tomic
- Mehdi Ganji (Willdan Smart City)
- Pete O'Connor
- Ron Freund
- Rey Gonzalez
- Jerome Carman (Schatz Center)
- Matt Fung
- Josh Gerber
- John Mengwasser
- Samantha Rosebaum
- Tam Hunt
- Spencer Reeder (Audi)
- Ray Gonzalez (CEC)