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

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### Agenda

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