**DATA REQUEST**

1. **Please calculate the proposed use cases with another version of the EV HP (A.1907006) UDC and commodity rates using the following time-of-use (TOU) periods: (for convenience SDAP will allow double the amount of time to respond to question 1). Please provide in an excel document.**

|  |  |  |
| --- | --- | --- |
|  | **Summer All Days** | **Winter All Days** |
| **Peak** | **5 PM – 9 PM** | **5 PM –9 PM** |
| **Non-Peak** | **All other hours** | **All other hours** |

**Background for this data request:**

1. **SDG&E’s A.1907009 use cases 1-4 assume overnight charging (12 midnight to 6 AM)**
2. **SDG&E’s A.1907009 use case 5 assumes mainly daytime charging**
3. **PG&E’s A.1811003 and D.1910055 use cases assume mainly daytime charging**
4. **CARB data, *see link below (also attached document for your reference) on CARB 2-8-2019 publication on California’s Average Grid Electricity used and Hourly Carbon Intensity:*** <https://www.google.com/search?rlz=1C1CHBF_enUS771US771&ei=CcLmXbriGOu7tgX_g5L4Aw&q=carb+california+average+electricy+used&oq=carb+california+average+electricy+used&gs_l=psy-ab.3..33i10i299l3.72159.79149..79423...0.1..1.276.4429.10j27j1......0....1..gws-wiz.......0i71j0i273j0i67j0i131j0j0i333j0i22i30j33i160j33i299j33i22i29i30j33i10i160.kHS28PuemAg&ved=0ahUKEwj6ipCypZrmAhXrna0KHf-BBD8Q4dUDCAs&uact=5>

**The data indicates that daytime hours (8 AM – 4 PM) have the lowest annual average emissions.**

1. **SDAP recognizes that a wide variety of customers will take service under EV-HP if it becomes available in A.1907006; some customers may prefer overnight charging; others will need daytime charging for operational reasons**
2. **SDAP believes that EV fleet and Charging Station owners would prefer the simplest possible rate design consistent with cost causation and emissions minimization.**
3. **The differences between super-off-peak and off-peak rates in SDG&E’s current EV-HP A.1907006 proposal are relatively small; this means that there will be little loss of accuracy resulting from blending the two in to a single 19 hour “non-peak” period.**

**SDG&E Response:** Please see the embedded excel workbook.

