Greenhouse Gas (GHG) Solar Photovoltaic (PV) Inputs Documentation

This document will be used by California Air Resources Board (CARB) staff to confirm the user-inputs in the Solar PV Inputs Tab of the Affordable Housing and Sustainable Communities (AHSC) Benefits Calculator Tool. Applicants must provide all information requested below for the proposed Solar PV project, attach additional evidence where specifically requested, and sign the document to affirm inputs are correct and the proposed project(s) will be built as stated. If the inputs in the AHSC Benefits Calculator Tool differ from the inputs in this document, CARB staff will defer to this signed document to verify and score GHG benefits. If adequate information that allow CARB staff to verify outputs is not submitted, CARB staff will not score the GHG benefits of the proposed project(s).

Please refer to the AHSC Quantification Methodology and User Guide for input definitions and guidance on filling out the Transit Inputs Tab of the AHSC Benefits Calculator Tool, found in the [California Climate Investments Reporting Tools webpage](https://www.caclimateinvestments.ca.gov/reporting-tools).

**AHSC Project Name:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Table 1: Applicant Documentation for AHSC Benefits Calculator Tool Solar PV Inputs Tab**

|  |  |
| --- | --- |
| Annual Solar PV Electricity Generation (kWh) above and beyond minimum requirements: | A*pplicants may only quantify the GHG benefits of the solar energy generated beyond the minimum requirement by the California Building Energy Efficiency Standards (Title 24).* |
| Primary Use of Electricity Generation (residential or commercial): |  |

| Number of solar PV panels: |  |
| --- | --- |
| Watts per panel: |  |
| Module Type: |  |
| Array Type: |  |
| PV Watts Results (kWh/yr): | Attach a PDF of the PV Watts calculator results |

**Table 2: Applicant Documentation for PV Watts Calculator**

| Total KWPVDC System Size: |  |
| --- | --- |
| Minimum KWPVDC Size required by Title 24: |  |
| Applicable Building Codes for Local and State requirements:  (example: Title 24 2019). | Describe the requirements the project is meeting: |
| Show the calculations and inputs used to estimate the KWPVDC Size required to comply with the applicable Local and/or CA Energy Code.  If no solar panel installation is required to comply with local and state requirements, provide a detailed explanation for the exemption and calculations and inputs to justify the exemption, if applicable: |  |
| Total DC System Size less KWPVDC Size required by Title 24 (PV Watts input): |  |

**Table 3: Applicant Documentation of Solar PV DC System Size Beyond Local and State Code Requirements**

Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

[Licensed Engineer, Architect, Energy Analyst, and/or Sustainability Consultant Signature]

Printed Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

[Licensed Engineer, Architect, Energy Analyst, and/or Sustainability Consultant Contact]