Ex Ante PA Workpaper Submission Cover Sheet

Title: PA Workpaper Submission Cover Sheet

Purpose: The information in this coversheet will be used by the EAR Team to identify incoming workpapers using consistent information applicable to track the workpaper review schedule and level of rigor.

INSTRUCTION: This cover sheet should be completed by Program Administrators (PAs) upon submitting a workpaper. Additional instructions are provided below.

REVISION NUMBER: 1

REVISION DATE: 11/18/2019, To be used starting 12/13/2019

|  |  |  |
| --- | --- | --- |
| **Program Administrator (PA) Information** | | |
| **Parameter** | **Description** | **PA Entry** |
| PA | Please check one. For statewide workpapers submitted by either SCE for electric measures or SCG for gas measures, please also check SW. | SW  SCE  PG&E  SCG  SDG&E |
| Contact info | Please provide name and email address of submitter | Jay Madden, jay.madden@sce.com |

| **Workpaper Information** | | |
| --- | --- | --- |
| **Parameter** | **Description** | **PA Entry** |
| Workpaper Title | This entry should match the title on the workpaper. | Residential Heat Pump Water Heater– Fuel Substitution |
| Workpaper ID | This entry should match the workpaper ID on the workpaper. | SWWH025 |
| Revision Number | This entry should match the revision number on the workpaper. Whole numbers only. | 01 |
| Source Description | This entry should match the source description for the workpaper. | SWWH025-01 |
| Phase and Effective Year | Please provide the Phase and effective year for the workpaper. | |  |  | | --- | --- | | Year: 2019 | Phase 1  Phase 2 |   Notes: |
| Effective Date | Please provide the proposed earliest date of any claims to be made against this workpaper if it is approved. If this is a Phase 2 workpaper, please account for the submittal date as the 1st or 3rd Monday of the month. | |  |  | | --- | --- | | Start Date | 12/13/2019 |   Notes: |
| Expiry Date | Please provide the proposed last date of any claims to be made against this workpaper if it is approved. If this is unknown, please provide additional notes. | |  |  | | --- | --- | | Expiry Date | TBD |   Notes: |
| % savings of total PA net lifetime portfolio as reported in the most recent ABAL | This value is expressed as a % for both electric and gas. | |  |  | | --- | --- | | ABAL Year | Gas: 0  Electric: 0 |   Notes: New Workpaper |
| % change to savings of total PA net lifetime portfolio due to workpaper revision | This value is expressed as a % for both electric and gas. | |  |  | | --- | --- | | ABAL Year | Gas: 0  Electric: 0 |   Notes: New Workpaper |
| Associated workpapers or from DEER | Is this an adopted or short form workpaper from another PA or from DEER?  If Yes, please identify which workpapers are associated, including workpaper revision number and PA this is adopted from | Yes  No  Notes:  Data used from SWWH014-01 – Heat Pump Water Heaters, SWWH012-01 Storage Water Heater, Residential , and SWWH013-01 Tankless Water Heater, Residential |
| Associated dispositions | Is there a disposition associated with this workpaper?  If Yes, please include the file name (eg. SCE17WP001R1\_Pool Pump\_2019-01-28.pdf) | Yes  No  Notes:  CPUC Comment SWWH025-01 HPWH.docx on 12/3/2019 |
| Why is the WP being revised? | Please check all boxes that apply and include a brief description as to why the workpaper is being revised (Eg., Code or standard change, DEER resolution, Change to statewide workpaper, Designated high uncertainty measure by CPUC that required new studies, New impact evaluations that changed values, Other) | Code  DEER  Disposition: CPUC Comment SWWH025-01 HPWH.docx on 12/3/2019  CPUC Resolution  Baseline Update  Other:  Cost Update  Industry Standard Practice Study |
| Consult with stakeholders | Utilities must demonstrate how they have consulted with stakeholders in their workpaper submissions, this could include vendors, third party implementers, manufacturers, CalTF, etc. | Notes:   * Workpaper is being coordinated through Cal TF * Email from Kerri-Ann Richard sent 12/19/2019 11:14AM, providing clarification on:  1. Breaking down “Any” BldgType (not BldgLoc) in the EnergyImpactExAnte and CostExAnte tables. 2. No changes needed for the labor costs and labor rates. |
| Additional notes: |  | Fuel substitution measures face market barriers, including consumer market failures and supplier market failures.[[1]](#footnote-1) Deployment of the program may require rebates or financial incentives to participants that exceed the measure cost. The program may pass the TRC test but fail the PAC test. Incentives or rebates that exceed the TRC cost for a measure may be requested in workpaper submissions, to be approved by Commission Staff.[[2]](#footnote-2) SCE requests CPUC approval allowing incentives or rebates that exceed the TRC cost for this workpaper. |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Revision History** | | | | |
| **Revision Number** | **Revision Date** | **Implementation Start Date** | **Author** | **Summary of Changes** |
|  |  |  |  |  |
|  |  |  |  |  |

1. Energy+Environmental Economics. April 2019. “Residential Building Electrification in California

   <https://www.ethree.com/wp-content/uploads/2019/04/E3_Residential_Building_Electrification_in_California_April_2019.pdf>

   Consumer economics, greenhouse gases and grid impacts”. [↑](#footnote-ref-1)
2. Originally defined in D.92-09-080, the dual test was last modified in D.05-04-051 [↑](#footnote-ref-2)