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: 12/02/2019, To be used starting 12/27/2019

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| **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 Bhakta, [jay.bhakta@sce.com](mailto:jay.bhakta@sce.com) |

| **Workpaper Information** | | |
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| **Parameter** | **Description** | **PA Entry** |
| Workpaper Title | This entry should match the title on the workpaper. | Evaporative Pre-Cooler System and Controls for Packaged HVAC Unit |
| Workpaper ID | This entry should match the workpaper ID on the workpaper. | SWHC042 |
| 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. | SWHC042-01 |
| 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 | 12/27/2019 |   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 | None |   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 – not included in ABAL filings. |
| % 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 – not included in ABAL filings. |
| 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: |
| 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: |
| 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 Resolution  Baseline Update  Other: New Workpaper  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: This workpaper was coordinated with Cal TF and CPUC consultants. SCE submitted workpaper plans and met with CPUC staff. Based on comments and input received from CPUC consultants and CalTF review, SCE developed this new workpaper. |
| Additional notes: | Deviation from original workpaper plan: Originally, two workpaper plans were submitted: one for compressor VFD and one for evaporative pre-cooler with controls. Since the measures were originally combined in the Emerging Technology Study, SCE combined the two measures into one measure/workpaper (CPUC staff also concurred with approach). Additionally, SCE used the DEER 2020MasControl prototypes and the modeling the details are discussed in the Workpaper. | During the preparation of this workpaper, SCE evaluated the cost-effectiveness of this measure for all climate zones and building types. Based on that review, SCE limited the measure to the building types listed in the workpaper and CZ 15, which were the only building types and climate zone with an acceptable TRC. This preliminary TRC evaluation contributed to SCE’s stewardship of ratepayer funds by reducing the modelling work required and the overall workpaper development costs. |

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| **Revision History** | | | | |
| **Revision Number** | **Revision Date** | **Implementation Start Date** | **Author** | **Summary of Changes** |
| 0 | 3/15/2019 | 3/18/2019 | Kerri-Ann Richard, EAR Team | Original Cover Sheet |
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