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: 4/17/2019, to be used starting 4/22/2019

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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 | Ed Reynoso  [EReynoso@semprautilities.com](mailto:EReynoso@semprautilities.com) |

| **Workpaper Information** | | |
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| **Parameter** | **Description** | **PA Entry** |
| Workpaper Title | This entry should match the title on the workpaper. | Storage Tank Water Heaters for Commercial and Industrial Applications 55 gallons and under (<75kBtu/h) |
| Workpaper ID | This entry should match the workpaper ID on the workpaper. | WPSDGENWH1205A |
| Revision Number | This entry should match the revision number on the workpaper. Whole numbers only. | Revision 0 |
| Source Description | This entry should match the source description for the workpaper. | WPSDGENWH1205A-0 |
| Phase and Effective Year | Please provide the Phase and effective year for the workpaper. | |  |  | | --- | --- | | Year: 2019 | Phase 1  Phase 2 |   Notes: This is a resubmission of Phase 1 workpaper to correct SDG&E’s energy savings impact records. |
| 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 | 1/1/2019 |   Notes: This date aligns with CPUC phase 1 decision language for the rolling portfolio cycle. |
| 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 | 12/31/2019 |   Notes: This date aligns with retiring PA/IOU specific workpapers by 12/31/2019 and adopting statewide workpapers by 1/1/2020. |
| % 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: 2019 | Gas: 0.251%  Electric: 0.0% |   Notes: SDG&E did forecast non-residential gas storage water heaters for the 2019 ABAL. |
| % 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: 2020 | Gas: >5.0%  Electric: 0.0% |   Notes:  The workpaper measures energy savings impacts have been remained unchanged going from EF to UEF rating. |
| 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: This short form workpaper documents the values adopted from SCG workpaper as follows:  1. Proposed abridge short form workpaper for EAR team review.  2. Changed SDG&E workpaper ID from WPSDGENRWH1205-Rev0 to WPSDGENRWH1205A-Rev0 and restarted revision history. The Source Description = “WPSDGENRWH1205A-0”.  3. Adopted SCG workpaper (WPSCGNRWH120206A-Rev11) measure definitions, savings impacts, and technology cost, in support of the storage water heaters rated <75kBtuh  4. New 1/1/2019 start dates to address Water Heating Disposition issued on 3/1/2018 due to EF to UEF Federal Code changes.  5. Generated new measures to account for UEF rating change and adoption of Medium and High Draw storage tank water heaters.  6. Created new 1/1/2019 start dates to address Resolutions E-4952/4818 new Measure Application Types.  7. Updated Energy Savings Impacts ex-ante database records per CPUC staff disposition dated 2/6/2019, for using the latest version of the Water Heating calculator workbook “workbook DEER-WaterHeater-Calculatorv3.2\_rev25Sep2018.xlsm”. |
| 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 Energy Division “Non-standard Disposition for Submission of P1 2019 Residential and Small Commercial Water Heaters”, dated 2/6/2019 and issued by Peter Biermayer.  File name “Water Heater Disposition\_2019\_02\_06.doc” |
| 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 adoption  Cost Update  Industry Standard Practice Study  Notes: Updated is triggered by CPUC DEER updated, Federal Code update and CPUC disposition. |
| 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:   1. SDG&E has an internal governance for adopting new workpapers that considers market uptake, cost effectiveness, and third-party implementation. |
| Additional notes: |  | 1. EAD tables are submitted with the file name “EAD\_Com Gas Storage WH\_2019-07-19.mdb”. |

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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 |
| 1 | 4/17/2019 | 4/22/2019 | Kerri-Ann Richard, EAR Team | Addition of Consult with Stakeholders entry |