**Workpaper Submission**

**Cover Sheet**

**Purpose:** The information in this coversheet will be used by the Deemed Review Team to identify incoming workpapers using consistent information applicable to track key information needed for the workpaper review.

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

**Program Administrator (PA) Information**

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| --- | --- | --- | --- |
| **Parameter** | **Description** | **PA Entry** | |
| **PA** | Please check one. | SCE   PG&E | SCG  SDG&E |
| **PA Lead based on Use Category** | Please check one. | SCE  SCG  PG&E  SDG&E | |
| **Contact info** | Please provide the name and email address of submitter. | Andres Fergadiotti  [Andres.Fergadiotti@sce.com](mailto:Andres.Fergadiotti@sce.com) | |

**Workpaper Information**

| **Parameter** | **Description** | **PA Entry** |
| --- | --- | --- |
| **Date of Workpaper Submission** | This entry should be date of upload to WPA (MM/DD/YYYY). Actual submission date will be noted as the subsequent first or third Monday of the month. | 6/15/2020 |
| **Workpaper Title** | This entry should match the title on the workpaper. | Residential Smart Thermostat |
| **Source Description** | This entry should match the source description for the workpaper.  (e.g., SWHC099-01) | SWHC039-03 |
| **Workpaper Phase** | Please provide the phase and year for the workpaper.  (e.g., 2020 P2 Workpaper Revision) | |  | | --- | | Effective Year: | | Phase 1  Phase 2  New workpaper  (new product or technology, new delivery type)  Workpaper revision  (new tiers, new costs, change in measure parameters such as EUL or NTG, measures added to workpaper)  Workpaper adoption (IOU adoption with new Implementations, no change to Measures, Cost and EE Impacts) |   Notes:  Workpaper update informed by latest Impact Evaluation study. |
| **Rationale for Workpaper Revision** | Please check all boxes that apply and include a brief description explaining why the workpaper is being revised. | Not a revision but a new WP  Code  DEER  Disposition  CPUC Resolution  Baseline Update  Cost Update  Industry Standard Practice Study  Other: New savings from Impact Evaluation  WP Resubmission of Existing Revision (minor edits/corrections/new implementations)  Notes: |
| **Measure Impact Type**  **(DEER / CEDARS)** | Please check boxes that apply and include a brief description explaining measures types if using Custom. | Cust-FuelSub  Cust-Gen  Cust-NMEC  Cust-RCT  Cust-SEM  Deemed-DEER  Deemed-WP  Deemed-DEER-FuelSub  Deemed-WP-FuelSub  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 first or third Monday of the month. Please add 90 days, where applicable.[[1]](#footnote-1) | Start Date: 1/1/2021  Notes:  Expiry date for both Downstream and Direct Install is 12/31/2021. |
| **Total expected statewide net lifetime savings from workpaper measures in the year indicated.** | This value is expressed in kWh and therms for electric and gas, respectively. | Year: N/A  Electric: (kWh): N/A  Gas: (therms): N/A  Check which PAs are included in this estimate of savings:  SCE  PG&E   SCG  SDG&E  Notes:  For SCE, the Downstream program has not been supported for 2020 and it is not expected to be supported for 2021 given cost effectiveness.  For DI, TBD. |
| **Change in net lifetime portfolio savings due to workpaper revision in the year indicated.** | This value is expressed in kWh or therms for electric and gas, respectively. Note a + indicates portfolio savings are expected to increase and a – indicates portfolio savings are expected to decrease. | Year: 2021  Gas: +/– (therms)  Electric: +/– (kWh)  Describe the sources of the change:  Variation of savings for Downstream (as informed by Impact Evaluation) varies significantly per climate zones, with new values being much lower. On average, the percent change between new and old values is in the order of 15%. |
| **Stakeholder Communications** | Describe which stakeholders were notified and what was the outcome of the correspondence. For some workpapers this may not be applicable. Please include additional sheets if necessary.  (E.g., Manufacturer for SCT submitted comments on workpaper, see attached) | 3P Implementer  Distributor(s)  Manufacture(s)  IOU Internal Stakeholders (Policy/Program Operations/Senior Leadership/Business Operation)  External Stakeholders (consultants, engineering SME, etc.)  Notes:  Refer to Inquiry Forms documenting latest communications with 3rd party vendors (NEST).  e.g.,. SWHC039-03\_IOU Communications w NEST\_SCE\_06.02.2020 |
| **CalTF Development** | During development of this workpaper were there any specific flagged issues from CalTF pertaining to technical methodology or approach? | Yes  No  If Yes, then select issues types:  Savings model approach and or assumptions require updating (baseline, ISP, non-DEER building protypes, data files, extrapolation, weather data, etc.)  Measured savings calculations approach and or assumptions require updating (M&V plan, NMEC, Non-Routine Events (NRE), independent 3P validation)  Sample size may not representative of all climate zones, building types, HVAC, etc.  Issue with Savings Calculations (Interactive Effects, HOU, Code, Baseline, ISP, proprietary NDA, etc.)  Notes:  Measure savings in this version of the workpaper are taken directly from latest CPUC guidance. |
| **Potential Market Impacts or Controversies** | Describe any responses to the stakeholder communications and any other sources of stakeholder or PA implementation concern with this workpaper revision regarding negative market impacts or controversies. | Yes  No  If Yes, then please check appropriate boxes:  3 Party Direct Install (DI) inventory  Existing contractual commitments  Lead time procurement issues  Market Disruption (ramp down/re-start)  Delivery channel changes (UpDeemed/DnDeemed/DnDeemDI)  PA Program ramp down (no longer cost effective)  Other (please detail)  Notes:  Measure savings in this version of the workpaper are adopted directly from latest CPUC guidance. |
| **Associated Dispositions** | Is there a disposition associated with this workpaper?  If yes, please include the file name. (e.g., SWFS007-02\_HotHoldCab\_02\_19\_2020.pdf) | Yes  No  Notes:  D2017-SmartThermostat.zip  SCE17HCO54 R1 - Smart Communicating Thermostat\_2019-04-05.pdf  SWHC039-01 & SWHC039-02 Smart Thermostat Disposition 2019-10-04.pdf  SWHC039-01 A11 - Res SCT WP Disp - April 5 2019.PDF |
| **Additional Notes** |  | This is an update for 2021 with savings and NTGs based on 2018 PY Impact Evaluation and new 2020 online retailer costs.  Measure savings for Downstream programs are informed by the 2018 PY Impact evaluation study, whereas, measure savings for Direct Install programs are informed from previous version of the workpaper SWHC039-1. |

**Cover Sheet Revision History**

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| --- | --- | --- | --- | --- |
| **Revision Number** | **Revision Date** | **Implementation Start Date** | **Author** | **Summary of Changes** |
| 0 | 3/15/2019 | 3/18/2019 | Kerri-Ann Richard, Deemed Review Team | Original Cover Sheet |
| 1 | 4/17/2019 | 4/22/2019 | Kerri-Ann Richard, Deemed Review Team | Addition of Consult with Stakeholders entry |
| 2 | 05/18/2020 | 05/18/2020 | Kerri-Ann Richard, Deemed Review Team | Updated All Entries |

1. 90-day does not apply to new workpapers or new measures added to workpapers. [↑](#footnote-ref-1)