The attached csv file titled “SDGE CARE Profiles” is provided to DRAM Bidders for informational purposes in compliance with CPUC Decision 16-11-022.[[1]](#footnote-1) The report was created by Uplight Inc.[[2]](#footnote-2) using electric usage data of customers who were enrolled in the California Alternate Rates for Energy (CARE) program in December 2019. The data in the analysis covers the period of November 2018 through October 2019.

Uplight used a combination of electric hourly Advanced Metering Infrastructure (AMI) data, weather data and building characteristics data to disaggregate each customer’s total annual load into four categories: heating, cooling, light & appliances, and always on. The summer period was defined as May 01, 2019 through October 31, 2019; and the winter period was defined as November 01, 2018 through April 30, 2019. The analysis excluded sub-metered accounts, net-metered accounts, and accounts with less than a full year of usage data.

The results in the attached file “SDGE CARE Profiles” are aggregated by zip code to comply with customer data privacy practices. SDG&E provides these results for informational purposes only in compliance with the above referenced Decision. Table 1 provides examples of appliances that may be included in each disaggregated end use category. Actual household appliance inventory was unknown for the analysis. Table 2 provides brief descriptions of the field names in the results file.

**Table 1: Examples of Possible Appliances in End Use Categories**

|  |  |  |  |
| --- | --- | --- | --- |
| **Heating** | **Cooling** | **Lights & Appliances** | **Always On** |
| Baseboard heaters  Portable space heaters  Electric furnaces  Furnace fans  Electric wall heaters  Electric heat pumps | Air Conditioning units (wall, window, central)  Dehumidifiers  Evaporative coolers  Ceiling/room fans  Electric heat pumps | Lights  Clothes washers  Clothes dryers  Dishwashers  Electric water heaters  Electric heat pump water heaters  Pool pumps and filters  Electric vehicles  Electric stoves & ovens | Refrigerators/freezers  Chargers  Computers  Game consoles  Personal video recorders on standby  Clocks |

**Table 2: Field Name Descriptions**

|  |  |
| --- | --- |
| **Field Name** | **Description** |
| ZipCode | Postal code used to aggregate results |
| CustomerCount | Number of unique premises included |
| AvgSummerUsageKwh | Average household kWh for May through October |
| SummerCoolingPercent | % of AvgSummerUsageKwh attributed to cooling |
| SummerElectricHeatingPercent | % of AvgSummerUsageKwh attributed to heating |
| SummerAlwaysOnPercent | % of AvgSummerUsageKwh attributed to always on |
| SummerLightsAppliancesPercent | % of AvgSummerUsageKwh attributed to lights & appliances |
| AvgWinterUsageKwh | Average household kWh for November through April |
| WinterCoolingPercent | % of AvgWinterUsageKwh attributed to cooling |
| WinterElectricHeatingPercent | % of AvgWinterUsageKwh attributed to heating |
| WinterAlwaysOnPercent | % of AvgWinterUsageKwh attributed to always on |
| WinterLightsAppliancesPercent | % of AvgWinterUsageKwh attributed to lights & appliances |

1. D.16-11-022 was subsequently modified in D.17-12-009. [↑](#footnote-ref-1)
2. San Diego Gas & Electric Company, Pacific Gas and Electric Company and Southern California Edison jointly hired Uplight Inc. (previously known as Ecotagious Inc.) through a competitive bid solicitation to produce disaggregated load profiles for CARE customers as ordered by D.16-11-022 and D.17-12-009. [↑](#footnote-ref-2)