GEORGETOWN UNIVERSITY ENERGY PRIZE

INSTRUCTIONS FOR ENERGY DATA TEMPLATE FILE

GENERAL INSTRUCTIONS

Each line must contain one month of consumed electric OR natural gas energy data from the residential OR municipal sector.

The data file is designed for maximum flexibility for reporting so that one file may contain all of the data from a given utility—even if that data includes multiple energy types, sectors, or even communities. This is meant to streamline reporting for utilities that serve multiple energy types, or even multiple communities. See below for specific field entry information.

Please NAME your file with the name and ID of your community. i.e. Davis_CA_11_Energy_Data_2015Q1.csv or

DATA VERIFICATION

As a reminder, all data submitted to GUEP is subject to verification, and utilities must be ready to provide proof of energy validity upon request from the Georgetown University Energy Prize.

DATA FIELDS

community_id - Enter the 2-digit ID number of the competing GUEP community. Each line of data MUST start with the 2-digit ID number in order to be valid.

utility_id - Enter the 3-digit ID number of the utility that delivered the energy consumed. Each line of data MUST contain the correct utility ID number.

sector - Input either RES for residential data, or MUN for municipal data.

energy_type - Input either ELC for electric energy or GAS for natural gas energy.

start_date - Input the start-date for the first date of the month in the YYYY-MM-DD format, or 2013-01-01.

end_date - Input the end-date for the last day of the month in the YYYY-MM-DD format, or 2013-01-31.

agregate_energy_billed - Input the total amount of energy billed during this month, for this energy type, in this sector, for this community. Use ONLY numbers in this field (you will define the energy unit in a subsequent field). Note that energy billed during a given month is not the same as energy consumed during a given month, because energy billed is affected by such things as estimated readings, missed readings, and erroneous readings.   It is, however, a sufficiently good estimate of energy consumed to serve the purposes of the Performance Dashboard.   Moreover, final scoring will be based on the aggregate billed energy for the full 24 months of the competition period, which will be very close to the aggregate energy used.

energy_unit - Enter the unit of energy measurement reported in the fieldaggregate_energy_billed. . . For electricity, energy should be reported in kWh and you should simply enter 'kWh' (no parentheses) in this field. For natural gas, energy should be reported in Therms, and you should enter 'Therms' (no parentheses) in this field.

number_of_residential_bills - The total number of residential bills issued to this community in the month represented.