

Municipal Energy Usage for Calendar Year 2015

The City of Irving purchases natural gas from Atmos Gas. In calendar year 2015, the City used a total of 283,305 thousand cubic feet (MCF) of natural gas.

The City of Irving purchases electricity from Direct Energy, North Texas Water Municipal District and Fannin County. In calendar year 2015, the City used a total of 60,810,492 kilowatt hours (kWh).

The City of Irving purchases water from the City of Dallas. In calendar year 2015, the City purchased a total of 11,532,348 billion gallons (bGAL) of water.

The total cost of natural gas, electricity, and water purchased by the City in the calendar year 2015 is \$8,818,185.24; a 12.51% decrease from 2014 due to a lesser negotiated price per kWh with Direct Energy.

Utilities usage and cost by calendar year is shown below in *Figure 1* and *Figure 2* respectively. Utilities usage is dependent upon weather conditions. *Figure 3* illustrates the heating and cooling metrics of city facilities by calendar year. Heating Degree Days (HDD) and Cooling Degree Days (CDD) reflect the demand for energy to heat or cool a building. HDD and CDD are defined relative to base temperature – the outside temperature above which a building needs no heating or cooling.

