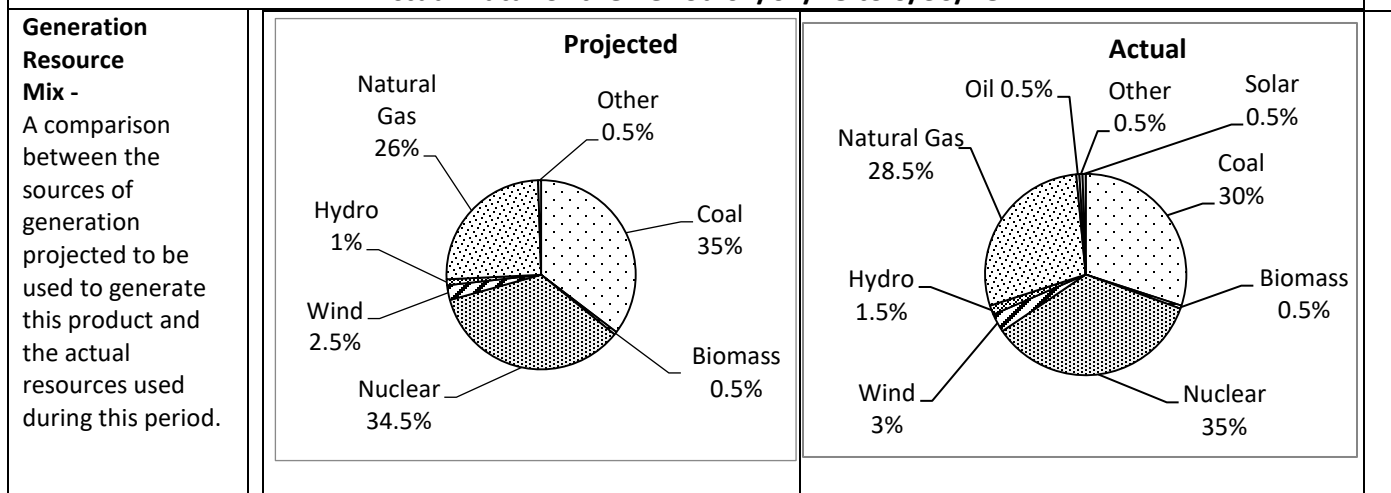


**Environmental Disclosure Information – Quarterly Comparisons**

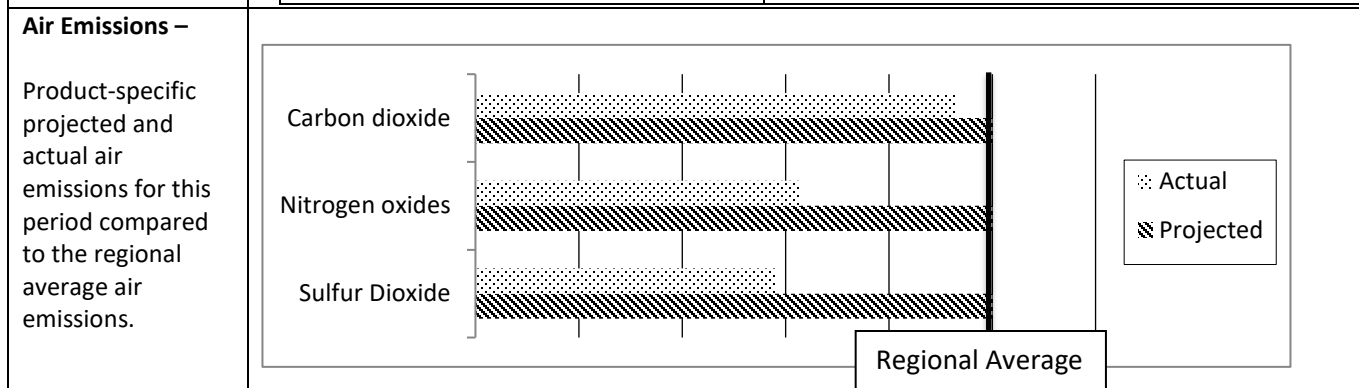
**Calpine Energy Solutions, LLC**

**Projected Data for the 2018 Calendar Year**

**Actual Data for the Period 01/01/18 to 6/30/18**



<p><b>Environmental Characteristics–</b> A description of the characteristics associated with each possible generation resource.</p>	Biomass Power	Air Emissions and Solid Waste
	Coal Power	Air Emissions and Solid Waste
	Hydro Power	Wildlife Impacts
	Natural Gas Power	Air Emissions and Solid Waste
	Nuclear Power	Radioactive Waste
	Oil Power	Air Emissions and Solid Waste
	Other Sources	Unknown Impacts
	Solar Power	No Significant Impacts
	Unknown Purchased Resources	Unknown Impacts
	Wind Power	Wildlife Impacts



<p><b>Radioactive Waste –</b> Radioactive waste associated with the product.</p>	<b>Type:</b>	<b>Quantity:</b>	
	High-Level Radioactive Waste	Unknown	Lbs./1,000 kWh
	Low-Level Radioactive Waste	Unknown	Ft <sup>3</sup> /1,000 kWh

With in-depth analysis, the environmental characteristics of any form of electric generation will reveal benefits as well as costs. For further information, contact Calpine Energy Solutions, LLC at calpinesolutions.com or by phone at 1-877-273-6772.