Stanton A is a dual fuel, combined-cycle electric-generating unit. Stanton A is jointly owned by Southern Power, the Orlando Utilities Commission (OUC), Kissimmee Utility Authority (KUA), and Florida Municipal Power Agency (FMPA). Southern Power and the Orlando Utilities Commission (OUC) are located near Orlando, Florida. The primary fuel is natural gas and the backup fuel is distillate (fuel oil). The unit went online in the fall of 2003.

**Size**
The combined-cycle generating unit has a nameplate capacity of 659 megawatts.

**Technology**
Combined-cycle technology is one of the cleanest and most efficient methods of producing electricity. With this technology, the power plant’s combustion turbines make electricity by burning natural gas. Waste heat from the turbines is captured and reused to drive a separate steam turbine that produces additional electricity. Combined-cycle power plants produce high power outputs at high efficiencies and with low emissions. The combustion turbine produces electricity at 18,000 volts and the steam turbine produces electricity at 21,000 volts before being “stepped up” in a transformer to 230,000 volts for transmission.

**Economic Impact**
Stanton Unit A provides millions of dollars in economic benefits to the city of Orlando, Orange County, and the surrounding, growing Florida market. Nearby counties and the entire state also benefit by job availability and the economic development boost created by having immediate access to a reliable source of electric power.