

Oil and gas steam boilers were retired and demolished a few years ago

STGs were repower to CCGT w/ Siemens Westinghouse SOIF Units are dual fuel New Fuel Oil tanks installed Removed 2 tanks, refitted others to Jet A fuel Some legacy No 6 Oil contamination cleanup deferred to end of plant life

GTG turbines are Pratt & Whitney

Have their own water plant Well water from the county is source

Cooling water is salt water

Photos

- 1 - Water plant
- 2 - " "
- 3 - " "
- 4 - GTG GSH (1 at site #2) new one to replace failed on
- 5 - " " (2 @ site #2)
- 6 - Site #2 Jet A tank
- 7 - " " GTGs
- 8 - STG
- 9 - STG GSH
- 10 - STG nameplate Westinghouse (typical of 2)
- 11 - " "
- 12 - FT4 pic
- 13 - FT4
- 14 - GTG control room (3 per site, 6 total @ Fr Lauderdale)
- 15 - Site #1 GTG GSH (~~typical of 2~~) (different one)
- 16 - " " " " (typical of 5)
- 17 - SOIF GSH (typical of 2 for US)



- 18 - SOIF GSU nameplate
- 19 - CCGT startup x-former for US
- 20 - ~~U4~~ startup
- 21 - U4 CT GSU (typical of 2)
- 22 - Jet A tanks (tank for site 1 + 1 for CCGT)
can fill tanks from pipeline to port
- 23 - Process water treatment plant
- 24 - Oil/water separation lagoon
- 25 - HRSG blowdown pond
- 26 - HRSG
- 27 - HRSG
- 28 - US intake
- 29 - SB Circ water pump (typical 2 per CCGT, 4 total)
- 30 - Aux boiler

Jet A tanks	Tank #3 - 100,000 barrels	149,620 barrels
	Tank #2 - 77,070 barrels	77,070 barrels
	Tank #5 - 77,070 barrels	77,070 barrels

Condenser tubes are sea-core stainless

Stacks are 150' tall