

# ENERGY CENTER REPOWERING DANIA BEACH

2017



Initially constructed in the 1950s, this former 900 MW oil-fired plant was modernized beginning in 2018. The upgraded facility, a 1,200 MW high-efficiency natural gas energy center, generates electricity for more than 250,000 homes and businesses. During construction, Tierra Group assisted with the removal and proper disposal of 50,000 tons of impacted soils.

Construction of the modernized facility included large-scale dewatering operations. To comply with regulatory criteria, Tierra designed and permitted a construction dewatering filtration system which enabled the discharge of over 100 million gallons of treated dewatering effluent into the subsurface. This ensured protection of the groundwater aquifer.

2018



2022



Tierra's scope of services also included:

- Bulk fuel oil storage tank closure
- Regulatory closure of 1,800 ft fuel oil pipeline
- Transmission switchyard asbestos surveying
- Facilitating the extraction of 60,000 gallons of impacted groundwater for proper disposal
- Continued monitoring to achieve regulatory closure