

ENERGY CENTER REPOWERING PORT EVERGLADES

2013



Tierra Group provided comprehensive environmental engineering services to support the repowering of a 1960s-era 1,200 MW oil-fired facility with high-efficiency natural gas systems. The power plant is located within a major U.S. port impacted by significant legacy fuel discharges. The scope included:

- Bulk fuel tank farm closure and reporting

- Soil and groundwater assessment across 80+ acres
- Construction dewatering system design and permitting
- Soil characterization and source removal activities
- Intake canal shoreline stabilization/reinforcement
- Turbidity management and compliance monitoring to ensure protection of marine surface waters
- Closure and conversion of wastewater ponds to dry retention basins

2015



2017



Tierra's expertise and commitment to sustainability delivers tailored solutions that maintain environmental compliance and achieve green initiatives. The multidisciplinary team of scientists, engineers, and regulatory experts continually navigate the complex framework of environmental regulations to streamline project planning and execution.