

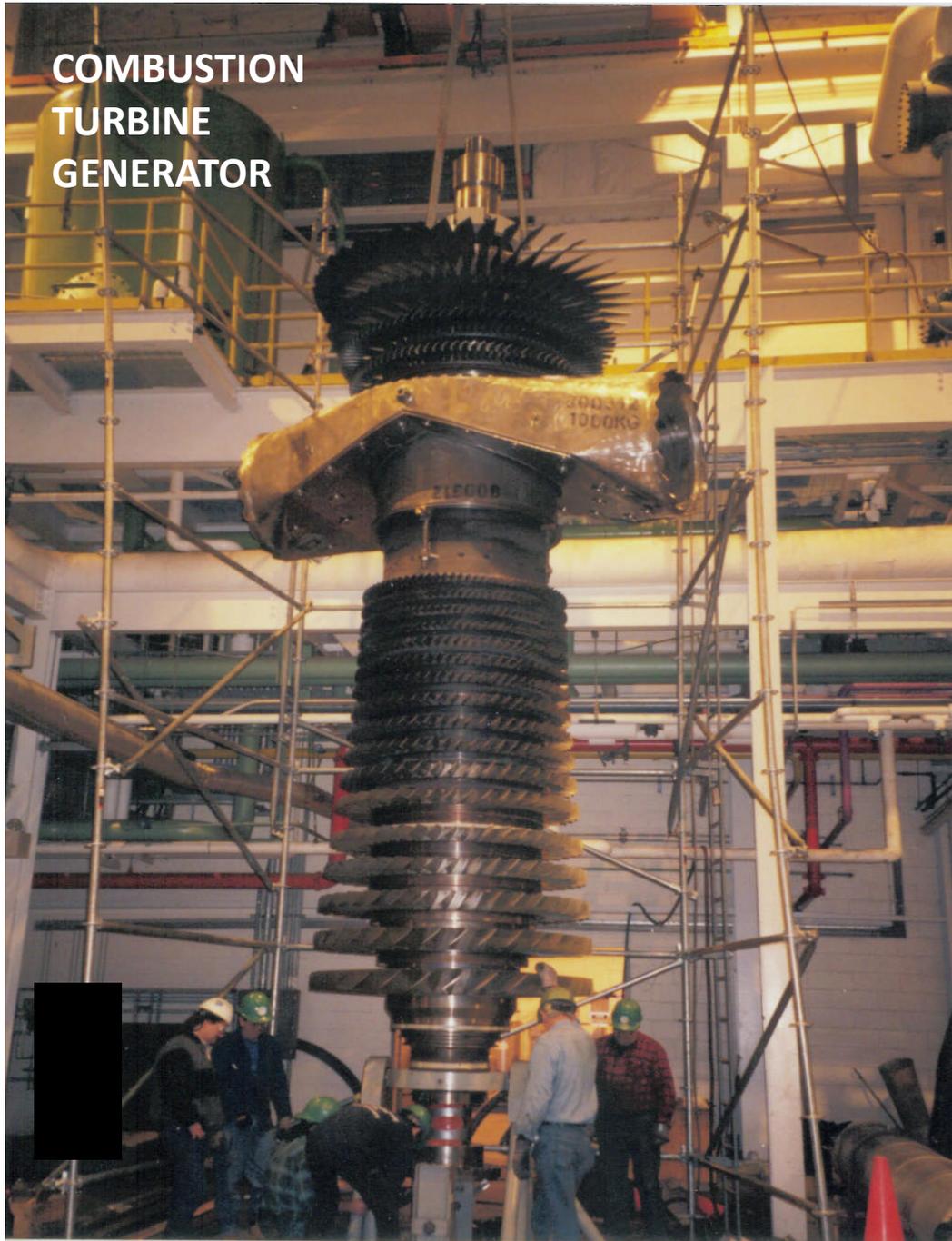
Richard M. Flynn Power Plant

- Located @ 607 Union Ave in Holtsville, New York. Roughly central Suffolk County. Neighbors with National Grid Holtsville Gas Turbines (~500 MW), LIPA Gas Storage Facility, and Northville Liquid Fuel Depot.
 - Constructed approximately from 1992 – 1994.
 - First Commercial Power in May, 1994.
 - Powered by:
 - Siemens V84.2 Gas Turbine Westinghouse/Mitsubishi Steam Turbine.
 - Nooter Erickson Heat Recovery Steam Generator.
 - Siemens T3000 Controls.
 - NYPA has a capacity supply agreement with Long Island Power Authority.
 - Plant has dual fuel capability and can switch fuels while producing power.
 - Northville Lease:
 - 23,600 bbl tank in Holtsville.
 - 97,561 bbl tank in Setauket.
 - Scheduled Outage Cycle:
 - Major Outages occur once per 4 years based on Gas Turbine. Steam Turbine every 8 years.
 - Minor Outages (1-2 days), 3 to 4 times per year.

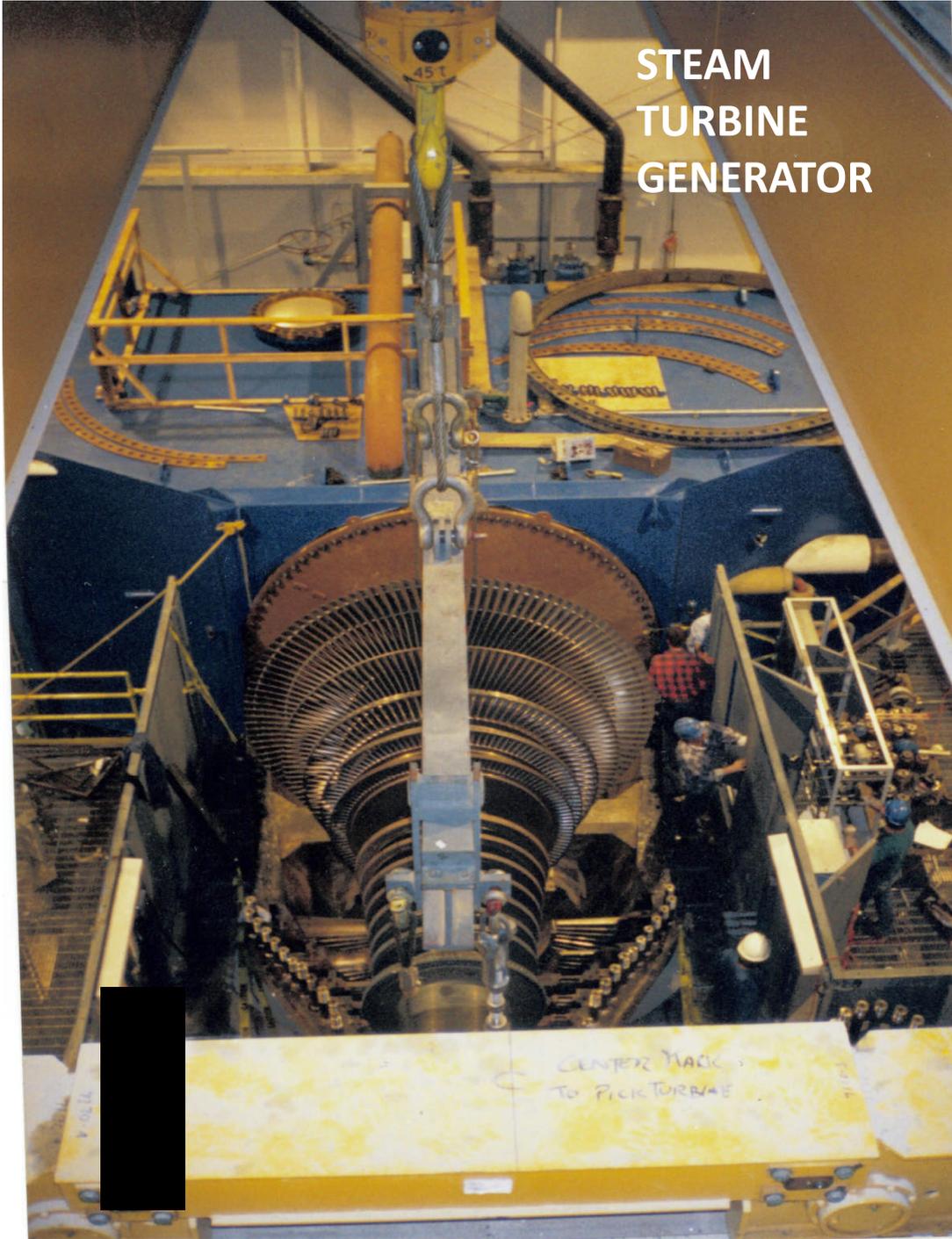
COMBUSTION TURBINE GENERATOR



**COMBUSTION
TURBINE
GENERATOR**



STEAM
TURBINE
GENERATOR





AIR INLET DUCT REPAIRS



Flynn 2011 Major Outage Scope

- Combustion Turbine Generator
- Steam Turbine Generator Repairs
- Heat Recovery Steam Generator Repairs
 - Air Inlet Duct Repairs
 - Cooling Tower Repairs
- Cooling Tower Variable Speed Drives
 - GSU Bushings (Transformers)
 - Station Batteries 125 VDC
- Protective Relays (G.E. & Siemens)
- Gas Turbine Excitation and Starting System
- Gas Turbine Controls Upgrade (T3000 Platform)

Flynn 2011 Major Outage

(October 1 – November 28, 2011)

Prime Contractors

- Siemens (Gas Turbine, Steam Turbine, Controls)
- Fresh Meadow (HRSG Repairs, Air Inlet Duct Repairs)

NYPA Support to Flynn Staff

- Project Management – Steve Wilhelm, Andrea Luongo, Vincent Malvarosa
- Engineering – Gene Szpynda, Rob Musial, Bob Schwabe, Wai Ming Yee, Alex Echeverria, Duane Kobobel, Katie O’Toole
- Procurement – Pat Leto, Kevin King, Jennifer Travis
- Environmental – Angela Sabet
- Quality Assurance – Karl Jacobs, Brad Broder
- Fuel Scheduling – Rod Mullin, Maritza Salcedo, Lou Stanco

