

Case Study 33

Power Generation Filtration Audit

Background

A brand new 1 GW combined cycle power generation station equipped with high-efficient GE H-class turbines had just taken over operation from the commissioning company when Northeast Filter arrived at the facility. Through in-depth conversations about industry specific applications and product offerings, it was asked if Northeast would assist with a plant filtration audit. This was no small task for a facility of this size, but Northeast Filter committed to helping ease the burden of operation by conducting the audit.

Solution

Northeast spent two days on-site working with plant personnel to identify each piece of equipment that would require maintenance attention as it pertained to filtration. Logging applications, vessel descriptions, model numbers, and the required replacement elements for each vessel, allowed Northeast to build a comprehensive reference list to help the customer with maintaining plant equipment.

While knowing the equipment and replacement element part numbers was valuable for the customer, that was only one part of the equation. Providing recommended changeout intervals and changeout procedures gave the customer additional peace of mind in knowing that their new equipment was being protected properly. Filter audits and product training are just a couple of the many tools Northeast utilizes to provide customers valuable information in ensuring longer equipment life and increased productivity.

