Power Generation Care
Subsystem or equipment level energy efficiency analysis

Detailed plant subsystem or equipment level analysis in support of your plant’s energy efficiency goals and initiatives

Cost saving objectives and government regulations continue to drive plants to become more energy efficient. For some customers, a full plant assessment may not be the right solution, yet progress towards these goals must be made. For these customers a more focused and detailed evaluation on a specific piece of equipment or subsystem may be the solution.

Specific areas of a plant can make intelligent initial targets for achieving energy efficiency savings due to changes in design or operating parameters:
- Blowdown/leakage rates
- Combustion parameters
  - O2 levels
  - Furnace pressure stability
  - SH/RH spray flow levels
  - Heat rate
- Main steam temp & pressure levels and controls
- Main Pump and Fan systems, for application of drives, plus actuator performance.

ABB can provide a one week analysis and detailed report on these types of systems and equipment to allow you to make educated decisions on where can make the most of your energy efficiency investments.

Benefits:
- On site review of equipment operation and condition
- On site gathering of historical operation data of equipment
- Report that you will own, outlining:
  - The energy efficiency gains that could be recognized in a specific area
  - The estimated cost of process upgrades or changes to achieve those gains
  - A clear picture of the return of investment

ABB
The information contained in this document is for general information purposes only. While ABB strives to keep the information up to date and correct, it makes no representations or warranties of any kind, express or implied, about the completeness, accuracy, reliability, suitability or availability with respect to the information, products, services, or related graphics contained in the document for any purpose. Any reliance placed on such information is therefore strictly at your own risk. ABB reserves the right to discontinue any product or service at any time.

© Copyright 2016 ABB. All rights reserved

www.abb.com/powergeneration