

# Caribbean Utility- Outage Management

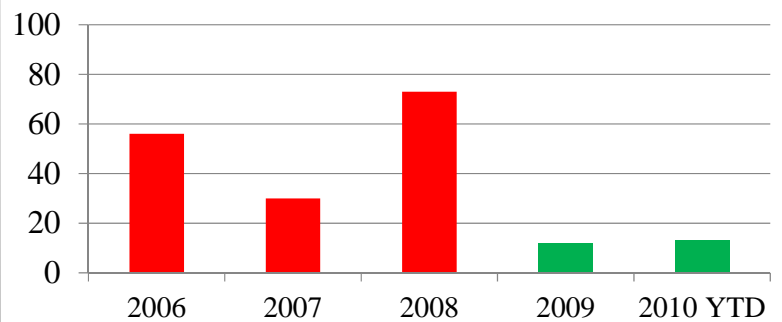
## Background and Situation

- Company is the dominant provider of electricity for the country of Trinidad and Tobago.
- The fleet consists of 3 generating stations with 23 units (4 steam boiler, 19 gas turbine units) having a combined capacity of approximately 1157 MW.
- The company was spun off from government control back in 1994.
- Company's outage performance in the past has been inconsistent in terms of achieving duration, scope and budget objectives

## Process Results:

- Developed and implemented a standardized Outage Work Management Process across 3 stations.
- Three major outages completed on time, under budget and with near 100% scope attainment

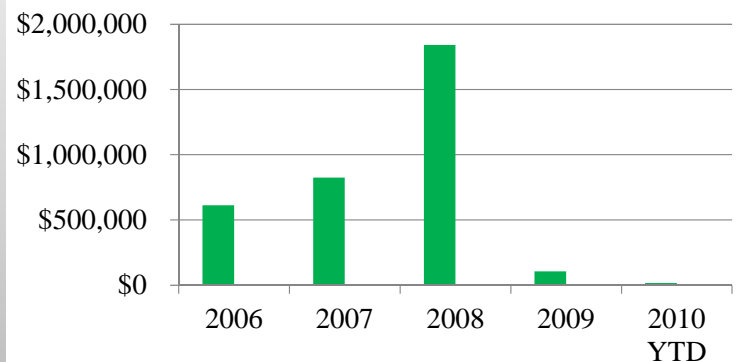
Major Outage % Duration Overruns 2006-2010



## Bottom-Line Impacts:

- Outage overrun penalties decreased by over \$1M annually.
- Increased scope completion positively contributed to asset reliability
- Three outages completed at 90% predicted cost with near 100% scope completion

Capacity Shortfall (USD) 2006-2010



RELIABILITY MANAGEMENT GROUP

*Masters of Implementation*