

# New York Utility – Outage Project

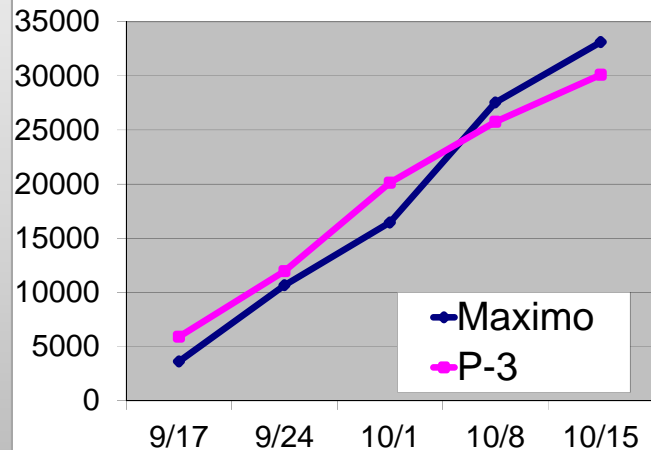
## Background and Situation

- 2004-05 Unit # 3 (375 MW) major outage runs over in duration, scope and budget
- Client recognizes need to improve current outage processes
- Strategically, client emphasizes reducing overruns on next major outage, developing more complete outage processes, and moving to a data based culture instead of a knowledge based one

## Process Results:

- Improvements based on comparison to similar 375 MW units and work at same location
- Labor actual within 4% of estimated
- Scope expanded without additional man-hours
- Maximo/Primavera reconciliation within 2%

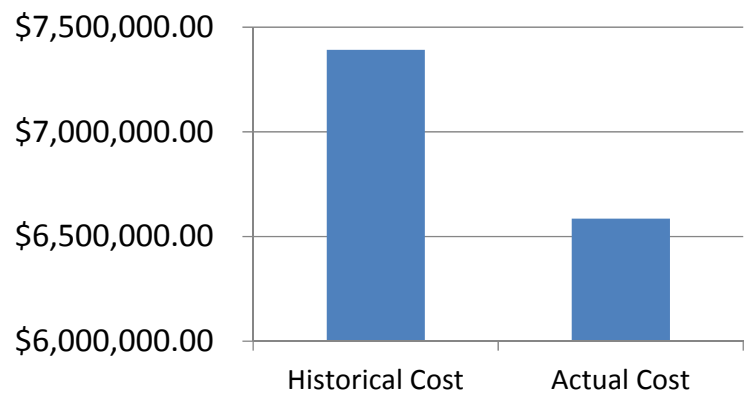
## MAXIMO Versus P-3 Labor



## Bottom-Line Impacts:

- 30% Labor-hour reduction on turbine overhaul
- Reduced economizer by 1,000 man-hours (6000 total outage)
- Within 1% of budget estimation
- Estimated duration met

## Outage Earned Value - Normalized Scope



RELIABILITY MANAGEMENT GROUP

*Masters of Implementation*