

Old Hickory Hydropower Rehabilitation Analysis Report



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Old Hickory Hydropower Rehabilitation Analysis Report

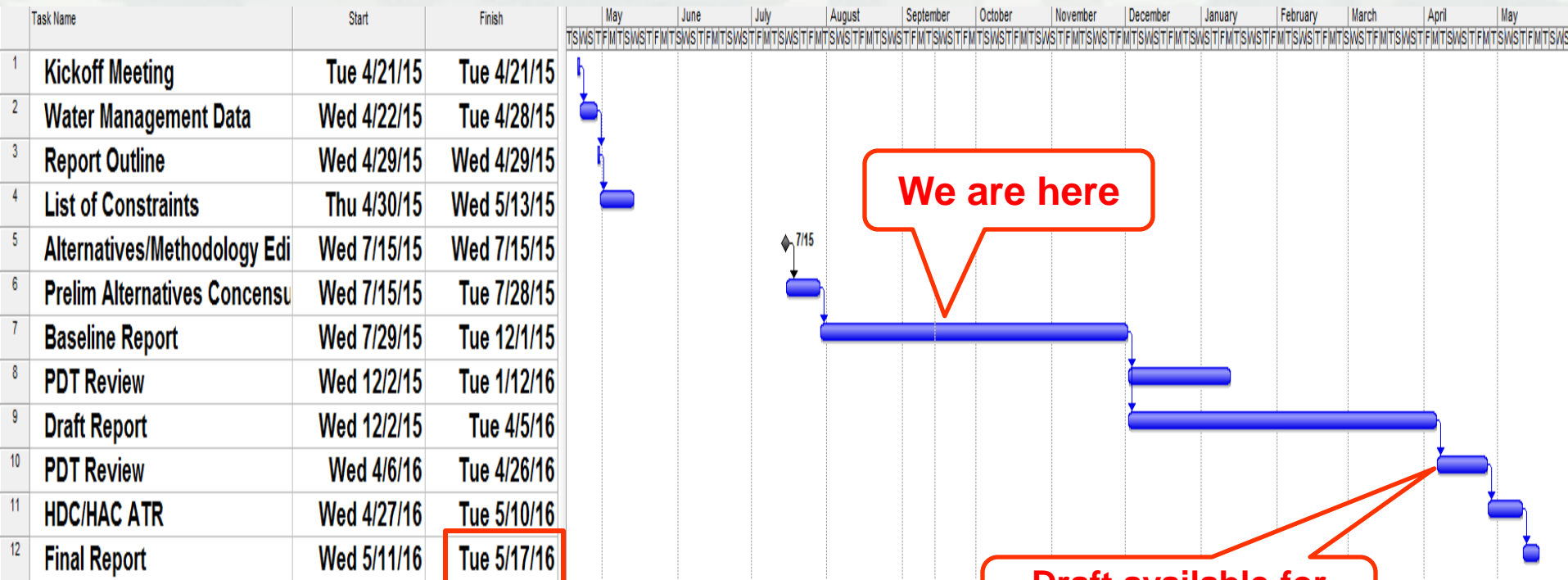
Scope

- Determine most appropriate capacity for the four units
- Prepare report in approved format
 - Economic Analysis
 - Recommendation



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Schedule



Final Report

Draft available for customer review



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Activities Last Quarter

- Identified preliminary alternatives
- Incorporated customer comments
- Initiated modeling effort



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Issues

- Budget
 - Total project cost estimate \$517,900
 - Increase of \$167,900 in Ballot 6
- Current Work on Unit 4
 - Economic advantage of returning to service quickly
 - Re-wind and re-stack
 - Winding to practical limit of generator
 - Negligible cost increase for adding copper versus insulation
 - Allows flexibility

