Outage Management Process * Pre-Outage Preparation

Pre-Outage Task

Cost information

Issue draft pre-outage milestone schedule Issue preliminary list of projects for the outage Long lead time parts Initial work scope identified Issue summary schedule Level 1 Outage goals identified Outage lessons learned reviewed Scope control process in effect Contract requisitions approved Issue preliminary outage Level 2 schedule. Scaffold plan complete Identify outage worker and resource needs Contracts awarded/work authorizations issued Work order task planning complete Issue preliminary outage schedule - Level 3 Contracts executed Budget outage cash flows complete Complete job safety analysis Approved outage schedule

Countdown to Outage Start

16 months prior to outage start 14–16 months prior to outage start 12 months prior to outage start 12 months prior to outage start 10 months prior to outage 8 months prior to outage start 6 months prior to outage start 6 months prior to outage start 6 months prior to outage start 5 months prior to outage start 4 months prior to outage start 3 months prior to outage start 2 months prior to outage start 1 month prior to outage start

