

Using KPI Tracking To Assess Your STO Plan, Process, and Team



The consequence of mismanaging schedules, budgets, resources, or tasks can cause a company a significant loss of revenue, an increase in operating and labor costs, and even impact the supply chain. Keeping track of a few key metrics and KPIs can help a team assess their success (or failure) around an event and better inform their process when planning their next shutdown, turnaround, or outage.

Key performance indicators (KPIs) and metrics to track for your next shutdown, turnaround, or outage:



Prior vs. Estimated
Labor costs, labor hours, material costs



Daily vs. Weekly
Task completions, projected labor hours spent, QA/QC approvals



Scheduling progress
How far along is your team with scheduled work orders?



Number of activities added to scope
Will the added activities push the STO event over budget or over schedule?



Hours elapsed vs. amount of completed work
Are craft hours being utilized efficiently for work tasks

Spent hours on non-scheduled work or tasks will lead to lower burned over earned hours.

If there's a list of 10 items to complete on schedule but only one task is completed, burned hours are used up but nothing else on schedule was completed.

Providing your planners and schedulers with a set of KPIs to monitor how well their team is adhering to the STO schedule allows them to make real-time changes to the plan or schedule to ensure the success of their STO event.

Tracking the following performance data helps planners and schedulers keep an event on schedule and on budget:



Earned value
schedule vs. costs



Planned vs. actual
costs and labor



Earned vs. burn rate

Empower your STO team and explore the benefits of Prometheus Group's STO Planner. You can gain more insight on how other customers used our STO solution.