

Shutdown, Turnaround & Outage Services

Our Profile

Since 1986, RMG's proven methodology has enabled its customers to drive predictable shutdown, turnaround and outage (STO) results by focusing on **scope completion, schedule compliance and budget adherence**. Our team has deep experience in all aspects of STO management and will help ensure that STO planning and implementation supports your strategic objectives. Our services include:

- Operational Assessments
- Process Analysis/Documentation
- STO Process Improvement Projects
- Training Courses
- Technology Solutions
- Change Management

Implementation Drives Results

RMG works to collaboratively design processes that meet your business objectives and we spend the necessary time implementing in the field to assure the behaviors match the desired future state.

Based on over 30 years of experience, the following improvement ranges have been developed by RMG to help project the potential value in improving shutdown, turnaround and outage work management processes.

Process Improvement Area	Process Improvement Results
Planning	Reduced outage duration by 2-8% and improved labor productivity by 6-8%
CPM Scheduling	Schedule adherence increased 8-12% with increased labor efficiencies of 2-4%
Execution	Disciplined execution results in reduced outage times of 4-8% and improved labor productivity of 5-10%

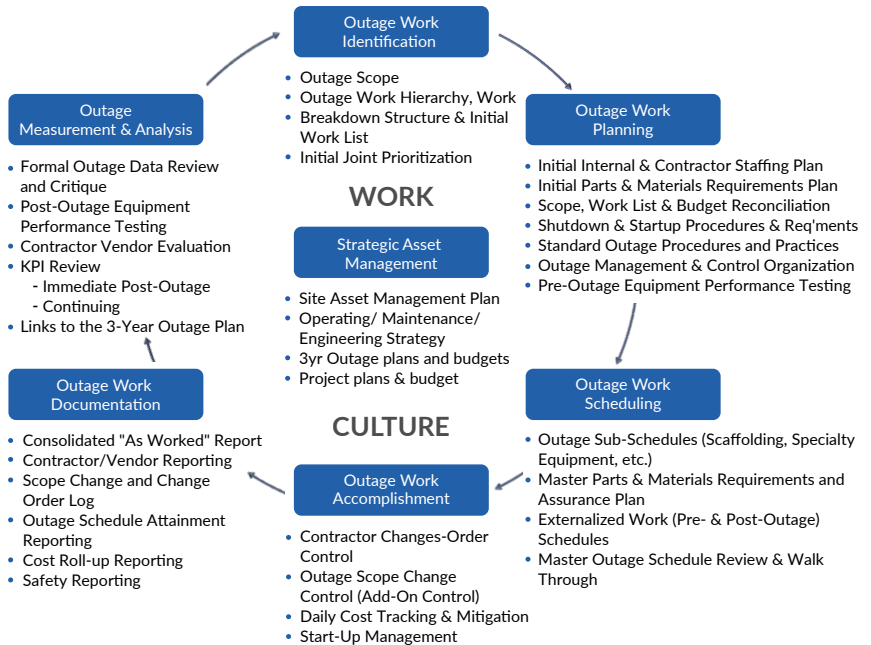
Driving Predictable Results



RMG uses the Critical Path Methodology (CPM) to develop STO project schedules that include all work to the activity level. This needs to be progressively built to support:

- Accurate budget development
- Critical path management during the shutdown
- Schedule "walk through" and mitigation prior to and during shutdown
- Resource loading to 100% including contractors
- Daily schedule updates
- Accurate cost tracking and mitigation

RMG's Shutdown, Turnaround and Outage Process Fundamentals



Delivering Process Excellence

- ✓ Project and CAPEX Management
- ✓ Scope Development & Control
- ✓ Planning and Scheduling
- ✓ Job Planning
- ✓ Cost Estimation, Monitoring and Controlling
- ✓ Budget Compliance
- ✓ EHS Requirements
- ✓ Contractor Management
- ✓ Communication/Facilitation
- ✓ Skills Development

Industries



Full Stream Oil & Gas



Petro Chemicals



Utilities



Mining



Manufacturing

Some of our Customers

