

Operational Excellence Services

Technical Assistance & Training OPEX Assessment

Contact Us

Technology Inquiries | Contact Us | JGC HOLDINGS CORPORATION

Access to Our Homepage

https://www.jgc.com/en/business/epc/operation-maintanance/service/



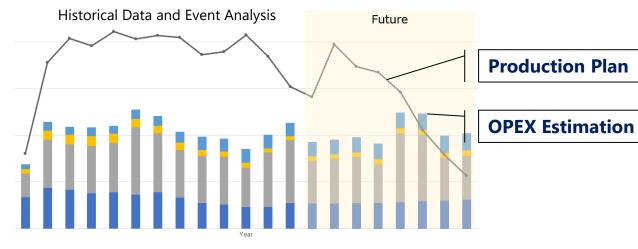
OPEX Assessment

Do you have any of these issues?

- Verifying future OPEX in operation phase
- Identifying improvement opportunities on operation and maintenance costs

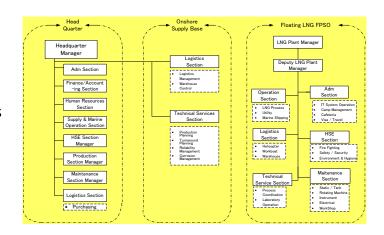
Our Solution

- Estimate or Assess OPEX by experts who understand the processes and regions at business planning phase
- Analyze historical OPEX data from the operation phase
- Conduct a case study to identify the optimized OPEX in either of the above cases



OPEX Estimation based on Production Plan

O&M Strategy Development as the basis of OPEX (e.g., Organization Chart)



© 2025 JGC CORPORATION Enhancing planetary health

OPEX Assessment



Workflow & Results

Business Planning Phase

Business Case and Plant **Concept Check**

Fuels

• etc.

 Insurance Training

- County Personnel Plant Type Maintenance
- Production Plan Chemical
- Schedule
- Local Conditions
- etc.

OPEX Item Definition

Organization and

Definition

Working System Operation Strategy

O&M Strategy

- Maintenance Strategy
- Logistics Strategy Training Strategy
- etc.

OPEX Item Estimation

- Estimation by **O&M** Experts and **Cost Engineers**
- Case Studies with optional O&M Strategy

Case Study for

Optimization

Our Strengths

- Assess using the latest cost information accumulated through plant EPC projects worldwide
- Estimate by experts with plant process, operation and maintenance knowledge
- Provide output tailored to client needs and business phases
- Advise improvement opportunities by experts

Operation Phase

Business Case Concept Check

Historical Data Check

OPEX Item Estimation

GAP Analysis

Case Study for Optimization

10+ **Projects in 10 years**

Our Experiences

Various Type of **Facilities**

Gas Processing LNG Terminal Onshore LNG **FLNG** FPSO, etc.

- and Plant
- County
- Plant Type Production Plan
- Schedule
- Local Conditions
- etc.

Past OPEX Review

- Past Operation Result Review
- Past Maintenance **Event review**
- Future OPEX plan review (if available)

 Estimation by O&M Experts and **Cost Engineers**

- Identification of GAP between JGC estimated OPEX and Client given future OPEX
- Case Studies with optional O&M Strategy

Enhancing planetary health © 2025 JGC CORPORATION