



INTEGRATED GENERAL SYSTEMS ANALYSIS
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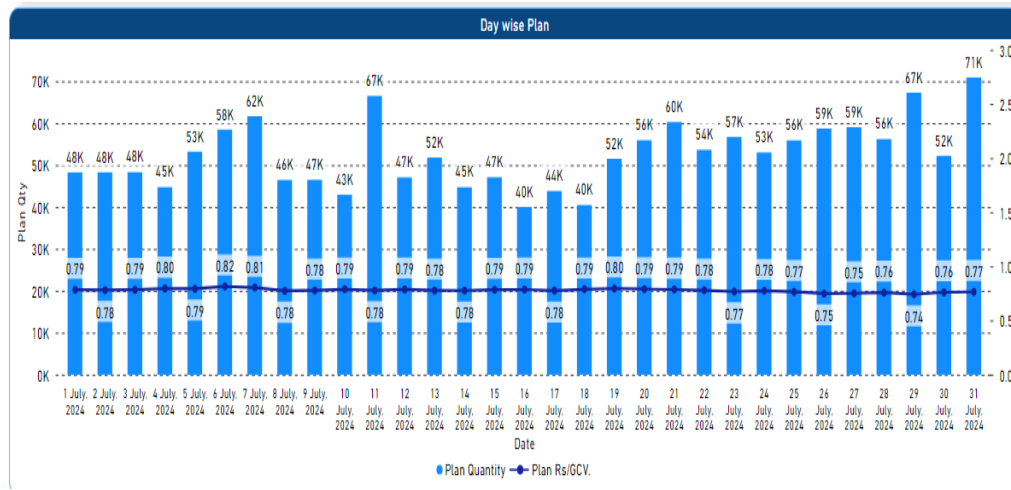
Integrated Demand-Supply Planning & execution (IDSPe) Platform

Procurement Case Study

Maximize Contribution / Minimize Total Cost to Serve with IGSA Optimization Platform



Case study : Digitalization and Coal Procurement Optimization for Largest Indian Aluminum Manufacturing Company



A leading Indian Aluminum manufacturer company chosen IGSA IDSPe platform for coal procurement optimization and digitalization of e-auction system, quality and finance operations related to coal procurement over core optimization engine

Challenge

- 2 Captive power plants and 1 IPP, 50+ coal mine sourcing locations, several types of coal procurement contracts, different quality grades of coal.
- Aim to optimize, digitalize and align all stakeholders of procurement planning, logistics, quality and finance on single platform.
- Integrate data from various IT systems (SAP, LIMS, FIOS etc) and publish plan versus actual.

Solution

Based on the business requirement, IGSA configured its IDSPe procurement planning module with the data of all coal sourcing locations, cost master, logistics routes, and constraints, various costs in the supply chain, and service level requirements.

Results

- Coal procurement planning is assisted by IGSA core engine for monthly & Annual plans
- Digitalization led to monitor all procurement planning KPI's, logistics & quality on single platform

