

Client Segment Name:
Carbon Steel Manufacturer

About Customer:

The customer is an integrated flat carbon steel manufacturer - from iron ore to ready-to-market products - with an achievable crude steel capacity of 9 million tons per annum (MTPA). The manufacturing facilities comprise iron making, steelmaking & downstream facilities spread across India.

Customer Problem:

The customer being a steel manufacturing unit has very high power consumption and so required monitoring of power consumption and analysis of all the parameters of Power Quality. Moreover, the customer required a panel-mounted 24/7 Monitoring solution which can also communicate with their earlier Installed limited parameter different Brand Meters.

ASEPL Solution:

Electro industries/Gauge Tech, Model - Nexus 1500+ model which has all the specifications sufficing the requirements of the customer. This model can record up to 1024 samples per cycle at 16-bit resolution ensuring no event gets unnoticed, this is one of the highest sampling rate model available in the market.

Model - Nexus 1500+ Features:

- Ideal for Smart Grid, Critical Metering, and Power Quality Sensitive Applications
- Precision Revenue Meter with 0.06% Energy Accuracy; Certified to ANSI C12.20 0.1 Accuracy Class
- Certified IEC 61000-4-30 Class A Ed. 3 Power Quality Analyzer that Captures Transients at 50 MHz
- Phasor Measurement Unit (PMU) to Improve Power System Stability
- Resilient Cyber Security™ to Protect from Attacks on Critical Substation Equipment
- Multiport Communication, I/O, & Remote Displays



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