NEPTUN LIGHT ®

➢ **Real-time** monitoring
➢ **Automated** analytics
➢ **Resource** planning

GENERAL DESCRIPTION

Neptun's Green OS provides a platform for complete asset control through sophisticated fleet management technology. Real-time monitoring, automated analytics, and planning functionality enhance operational efficiency and optimize performance. By automating many tasks previously requiring human intervention, operators are able to reduce human resource costs and minimize a spectrum of errors.
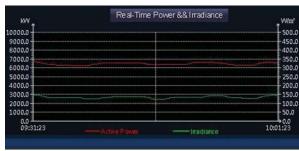
FEATURES

- Supply and Installation of industrial-grade Centralized Server
- Supply and Installation of industrial-grade Network Firewall
- Cloud Hosting of historical data
- Built-in management reporting functions – we can configure custom calculations for PR, degradation tracking or financial reporting as requested during the up-front implementation
- Internet and local access to the control system (unlimited users)
- Web-platform is fully extendable to fleet-level implementations with multiple locations and multiple generation types
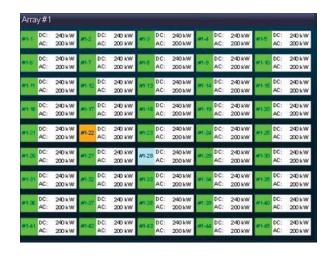
Integration

Neptun's Sol OS integrates with the following types of equipment via industrial protocol (i.e. MODBUS, DNP, OPC etc):

- o Inverters
- o Combiner Boxes
- o Met Stations
- o Substation RTU
- o Metering devices
- o Tracking Device Controller (if applicable)

COMPREHENSIVE DATA REPORTING

EXAMPLE DATA TYPES

- » Fleet level production statistics
- » Summary of inverter status
- » Ambient conditions at facilities
- » Customer-specified variables
- » Many more...

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