



POWER ANALYTICS™
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Paladin Live General operation and administration training

(COURSE #PL-102)

About the Course:

This short course is offered by Power Analytics Corporation. It will introduce Paladin Live Features and Benefits. The class will emphasize the basic operational requirements, implementation, and user interface for Electrical Power Management Systems (EPMS). Specific items covered will be Electrical system navigation, equipment views, one line diagrams, Paladin Blackboard and Paladin Reports, and much more.

Course materials will provide advance knowledge of how the system capabilities can be used for practical use in mission critical facilities, including how to gain a Return On Investment (ROI) by using Paladin Live software.

Students will get hands on training, knowledge of equipment, and lessons learned from practical implementations. The Power Analytics Paladin Live software will be used as a web application aimed at operators, focusing on Paladin Live usage, followed by 4 hours of exposure to limited administration for system administrators and managers.

Total Course Length: 12 hours (1.5 days)

Why You Should Attend:

1. Understand basic concepts of power system analysis and operations
 2. Understand how equipment characteristics and the installation configuration can affect the electrical software model
 3. Understand the importance of reporting and alarming
 4. Identify electrical energy stranded capacity limitations
 5. Define the ROI using model-validated analytics software
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Prerequisites:

- Basic knowledge of electrical circuits
 - Be familiar with general operation of graphical user interfaces used to construct web views
 - Prefer students bring individual laptop computer for class
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Agenda:

Day One (Morning)

- Paladin System Overview - *Basic Architecture, Model-Validated Analytics, Benefits*
- Paladin Live Familiarization I - *Interface Navigation and Features, Equipment Views, One-Lines, Blackboard, Paladin Reports*
- Paladin Live Familiarization II - *Blackboard Simulations, Health/Capacity Assessment, Energy Management, Data and Trending*

Day One (Afternoon)

- Paladin System Overview - *Basic Architecture, Model-Validated Analytics, Benefits*
- Operational Procedures - *Routine, Reporting*
- Maintenance Planning and Execution - *MOP Planning and Execution, Commissioning, Approval Processes*
- Troubleshooting Techniques - *Alarms, Analysis, Waveform Captures*
- Energy Management - *Defining Rates/Penalties, NERC Statistics, Simulating the Effect of Topology and Loading Changes*
- Capacity Decisions - *Routine Capacity Planning, Recovering Stranded Capacity, Capacity Expansion Projects*
- Facility as Smart Grid - *Energy as Managed Asset*

Day Two (Morning)

- System Overview - *Platform, Technologies, Administrative Interface*
- Interface Customization - *Screens and Screen Elements, Data Linking, Scaling, Colors*
- Alarms and Messaging - *Alarm Definition, Message Lists, and Notification*
- System Administration - *Upgrade Process, Backup/Restore, Model Maintenance, Logs, Troubleshooting*

Course Fees and Registration:

Please Contact Jadranka Bozinovska at Power Analytics to reserve your spot!

(Accommodation information will be provided at time of registration)

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Paladin Live General Operation and Administration Training Costs (Course #PL-102)

Training rates for 2013 classes are:

\$950 per student

\$750 per additional student (same organization)

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