



PECWeb Power Tracker

Dynamic, Current & Comprehensive Power Intelligence

UPDATED!

Power Industry Database

PECWeb Power Tracker is designed to streamline sales and marketing efforts for equipment and service providers pursuing business in the global power generation marketplace. Access a world of information in this complete online power industry database and get the most up-to-date information available from any source.

- Plant & Unit Information
- Major Capital & Maintenance Projects
- Daily Unit Outage Reporting
- New Build Unit Data
- The Latest Industry News Alerts
- Turbine & Boiler Equipment Details
- Unit Run-Time & Emissions Output
- Key Management Contacts
- Over 33,200 Plant Contacts
- Over 16,500 Project Contacts

EVENT TRACKING

Major Projects – Global Coverage

Get the latest details on major projects around the world for the power industry. Details include capital and maintenance projects valued at \$1 million and greater tracked from the planning stages on up to the construction and start-up phases. Access over 8,300 active capital and maintenance projects valued at \$3.8 trillion. Coverage includes grassroots construction, unit additions, environmental compliance projects, modernizations, life extensions, repowerings, refurbishments, overhauls, uprates and major scheduled maintenance outages.

Unit Maintenance Outage Tracking

This unique database covers planned and unplanned outages at the power generation unit level. Gain access to over 83,000 historical, ongoing and future unit outages at 9,600 North & South American and European power stations. Coverage includes Utilities and Private Energy Producers with unit details for heat rate, megawatt capacity and load details.

Date	Plant Name	MW Out	Outage Type	Market Region	Time
February 14, 2011	Centrale Termoelectrica de Milazzo	158.5	Rescheduled	Southern Europe	10:29 AM
February 14, 2011	San Onofre Nuclear Generating Station	1000	Rescheduled	West Coast	10:16 AM
February 14, 2011	W.H. Sammis Power Station	680	Forced	Great Lakes	9:55 AM
February 14, 2011	Monro Bay Power Station	345	Rescheduled	West Coast	8:30 AM
February 14, 2011	Castlake Power Station	600	Forced	Great Lakes	9:14 AM
February 14, 2011	Joseph M. Eads Nuclear Power Station	800	Forced	Southeast	8:45 AM
February 14, 2011	James G. Thompson Power Station	1300	Rescheduled	Great Lakes	8:43 AM
February 14, 2011	Edwin Nuclear Power Station	1122	Rescheduled	Great Lakes	8:14 AM
February 14, 2011	West Burton Power Station	500	New	Northern Europe	4:18 AM

OUTAGE REPORT

Outage ID: 59818 | Current Kick-Off Date: 02/04/2011

Outage Type: Planned | Current Completion Date: 06/29/2011

Outage Status: Future | Previous Kick-Off Date: 04/12/2011

Duration: 145 Days | Previous Completion Date: 06/10/2011

Capacity Off-Line: 657 MW | Last Charge Date: 10/27/2010

Comments: Major turbine maintenance, boiler tubes replaced, boiler water wall and generator work

Robledo Power Station - Robledo B2

Unit ID: 1004777	Design Capacity: 657 MW
Unit Type: Steam Turbine	Power Usage: Base Load
Unit Status: Operational	Heat Rate: 9,727 Btu/kWh
Primary Fuel: Coal Bituminous	Startup Date: 05/01/1988
Secondary Fuel Types:	Shutdown Date:
Turbine Manufacturer: GE Energy	Turbine Information: Condensing
Boiler Manufacturer: ALSTOM Combustion Engineering	Boiler Information: Tangential-Fired LNB OFA SCR ESP-CS FCC FGD

Plant Information

Plant ID: 1011666 | Physical Address: 1700 Dunaway Road
 Owner Name: Progress Energy Carolina Incorporated | Semora, North Carolina 27343
 Plant Name: Robledo Power Station | Country: U.S.A.
 Parent Company Name: Progress Energy Incorporated | Phone/Fax: (336) 599-1174 / (336) 597-6257

Functional Management Title	Contact	QC Date	Telephone	On-Site	E-Mail
Plant Manager	Harry Sedaris	Nov-2010	(336) 599-1174 6101	Yes	harry.sedaris@gmail.com
Maintenance Manager	Brian Naumak	Aug-2010	(336) 597-6275	Yes	brian.naumak@gmail.com
Purchasing Manager	Reginald Clay	Apr-2010	(336) 599-1174	Yes	rlc@pec.com
Engineering Manager	Brian Naumak	Aug-2010	(336) 599-1174	Yes	brian.naumak@gmail.com
Environmental Manager	Joshua Green	Apr-2010	(336) 599-1174	Yes	joshua.green@gmail.com
Sales Manager	Delroyne Gibson	Apr-2010	(336) 599-1174 6237	Yes	delroyne.gibson@gmail.com
Utility Manager	Tom Coppell	Apr-2010	(336) 599-1174 6193	Yes	tom.coppell@gmail.com
IT Manager	Dede Ramoneda	Apr-2010	(919) 546-6111	No	dede.ramoneda@gmail.com
HR Manager	Shari Fortner	May-2010	(336) 599-1174	Yes	shari.fortner@gmail.com
Security Manager	Tim Rogge	Apr-2010	(919) 546-6111	No	rogge@gmail.com

MAINTENANCE COVERAGE COMPARISON - MAJOR MRO PROJECTS vs UNIT OUTAGES

POWER DATABASE MRO COVERAGE OPTIONS			
FEATURES & ATTRIBUTES	UNIT MRO PEC PROJECT COVERAGE	UNIT OUTAGE EVENT COVERAGE	TOTAL MAINTENANCE COVERAGE
ANNUAL COVERAGE	1,200 OF TOTAL OPPORTUNITIES REPORTED	11,300 OR 942% - INCLUDES UNPLANNED OUTAGES	12,500 - INCLUDES UNPLANNED OUTAGES
ACTIVE DATABASE	1,010 OF TOTAL OPPORTUNITIES REPORTED	7,642 OR 757% PLANNED OUTAGES ONLY	8,652 PLANNED OUTAGES ONLY
UPDATE FREQUENCY	EVERY 3 TO 6 MONTHS	MONTHLY WITH HOURLY UPDATES	ALL
COVERAGE CRITERIA	\$1 MILLION & 4 MONTHS LEAD TIME	NO DOLLAR OR LEAD-TIME	ALL
ACCESS TO UNIT & EQUIPMENT DETAILS	NO	YES	YES
GEOGRAPHY COVERAGE	GLOBAL	NORTH & SOUTH AMERICA AND EUROPE	ALL
DETAILED SCOPE AND SCHEDULE	YES	NO	PEC ONLY
PROJECT-SPECIFIC CONTACT DETAILS	YES	NO	PEC ONLY
DEFINED TOTAL INVESTMENT VALUE	YES	NO	PEC ONLY
UNPLANNED MAINTENANCE COVERAGE	NO	YES	OUTAGE EVENTS ONLY



INDUSTRIAL INFO RESOURCES

Providing Global Market Intelligence Constantly Living Forward

EVENT TRACKING

New Generation Tracking

New generation tracking can be found in Industrial Info Resources' New Build Database. Identified at the unit level, this database tracks new capacity additions planned at existing power stations and in grassroots construction. Coverage includes over 11,700 units globally representing over 2,100 gigawatts of new capacity under development. Each report includes ownership, design capacity, fuel type, unit type, and technology, plus construction and start-up dates.

STATUS	PLANTS	UNITS	DESIGN MW
UNDER DEVELOPMENT	5,501	11,750	2,158,472
CANCELLED or ON-HOLD	3,343	7,357	1,128,470
TOTAL	8,844	19,107	3,286,942

ASSET TRACKING

Plant & Unit Coverage for Installed Generation

Access a comprehensive database of over 11,600 operating plants in the Americas and Europe for data analysis, forecasting sales and prospecting new opportunities. Details are provided on over 41,100 generating units owned by Private Energy Producers, Utilities, and Industrial Energy Producers. Unique database attributes include unit type, fuel usage, design and operating capacities, ownership, key management contacts, heat rate, and fuel switch changes.

STATUS	PLANTS	UNITS	DESIGN MW
OPERATIONAL	11,627	36,553	3,326,611
DECOMMISSIONED	700	4,627	226,700
TOTAL	12,327	41,180	3,553,311

Turbine & Engine Generator Profiles

Details on turbine and engine generators that support power station units for the Americas and Europe are available in a comprehensive equipment database. Included are 2,357 aero-derivative and 6,654 heavy frame combustion turbines, 8,797 steam turbines, 1,197 windfarms, 6,554 internal combustion engines, and 5,505 hydro turbines. Access equipment information that includes manufacturer name, model, gas turbine inlet cooling, environmental controls and E&C information.

STATUS	PLANTS	UNITS	DESIGN MW
OPERATIONAL	9,269	31,113	2,812,475
DECOMMISSIONED	1,247	3,101	176,464
TOTAL	10,516	34,214	2,988,939

Boiler Profiles

Know the characteristics of the boilers installed throughout the Americas and Europe in a complete Boiler Database for the Power Industry. Boiler details are available for over 11,200 units owned by Utilities, Private Energy Producers, and Industrial Energy Producers. Details include the manufacturer, type, model, environmental controls and E&C information.

STATUS	PLANTS	UNITS	DESIGN MW
OPERATIONAL	4,007	10,042	1,724,252
DECOMMISSIONED	560	1,177	109,902
TOTAL	4,567	11,219	1,834,154

GenStack unit Runtime and Emissions Output

GenStack provides comprehensive reporting and data analysis on unit run-time and emissions output data for thousands of power generation units in the United States. Integrated with the *Power Tracker* database, subscribers can analyze operational changes at the generating unit level and predict future maintenance opportunities with actual unit run-time, start-up, heat rate, and capacity factor data available in hourly, daily, and monthly snapshots.

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