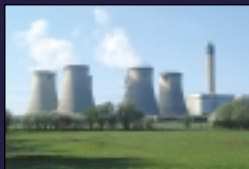


# PROCAL

## EXAMPLES OF POWER INSTALLATIONS

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### Power Station Continuous Emission Monitoring In-situ Stack Gas Analysers

- Compliant / Certified
- Reliable / High Availability
- Low Maintenance
- Complete CEMS/AMS package
- Cost Effective



European  
EN14181  
QAL 3  
Compliant

US EPA  
40 CFR  
Part 60&75  
Compliant







## Millmerran

Australia

Operators: InterGen

840 MW

2 x Pulsi 200

Installed: May 01

Fuel: Coal

Ranges

0 - 20 % CO<sub>2</sub>

Duty: CEM

0 - 1000 mg/m<sup>3</sup> NO

0 - 2000 mg/m<sup>3</sup> SO<sub>2</sub>



## Drax

United Kingdom

Operators: Drax Power

4000 MW

18 x Pulsi 200

Installed: Dec 00

Fuel: Coal

Ranges

Inlet  
0 - 3000 ppm SO<sub>2</sub>  
0 - 800 ppm NO

Outlet  
0 - 300 ppm SO<sub>2</sub>  
0 - 800 ppm NO

Duty: FGD

0 - 20 % H<sub>2</sub>O



## Powerton

United States of America

Operator: Midwest Generation

1538 MW

2 x Pulsi 200

Installed: March 03

Fuel: Coal

Ranges

0 - 20% CO<sub>2</sub>

Duty: CEM

0 - 600 ppm NO

0 - 250 ppm NO<sub>2</sub>



## Saltan Iskandar

Malaysia

Operator: Tenaga Nasional Bhd

399 MW

6 x Pulsi 200

Installed: April 02

Fuel: Gas / Oil

Ranges:

0 - 500 ppm NO

0 - 200 ppm CO

Duty: CEM



## Ferrybridge

United Kingdom

Operator: Scottish & Southern

1955 MW

8 x Pulsi 200

Installed: March 99

Fuel: Coal

Ranges: 0 - 20 % H<sub>2</sub>O  
0 - 500 ppm NO  
0 - 2000 ppm SO<sub>2</sub>  
0 - 1000 ppm CO

Duty: CEM



## Gladstone

Australia

Operators: RTA

1680 MW

6 x Pulsi 200

Installed: Jan 06

Fuel: Coal

Ranges: 0 - 1200 ppm NO  
0 - 10% H<sub>2</sub>O  
0 - 15% CO<sub>2</sub>

Duty: CEM



## Fiddlers Ferry

United Kingdom

Operator: Scottish & Southern

2000 MW

4 x Pulsi 200

Installed: Feb 00

Fuel: Coal

Ranges: 0 - 15 % H<sub>2</sub>O  
0 - 1000 mg/m<sup>3</sup> NO  
0 - 1000 mg/m<sup>3</sup> CO  
0 - 500 mg/m<sup>3</sup> SO<sub>2</sub>

Duty: CEM



## TVA Paradise

United States of America

Operator: TVA

2266 MW

Tennessee Valley Authority

1 x Pulsi 200

Installed: July 97

Fuel: Coal

Ranges: 0 - 10% H<sub>2</sub>O  
0 - 3000 ppm SO<sub>2</sub>

Duty: FGD





## Polaniec

Poland

Operators: Tractebel

1800 MW

16 x Pulsi 200

Installed: Aug 99

Fuel: Coal

Ranges

0 - 200 ppm CO

Duty: FGD

0 - 300 ppm NO

0 - 1500 ppm SO<sub>2</sub>



## Enichem Ferrara

Italy

Operators: ABB Estense Svs

1 x Pulsi 200

Installed: June 02

Fuel: Oil

Combustion Control

Duty: CEM

Ranges

0 - 250 ppm CO

0 - 1000 ppm CO



## Novaky

Slovakia

Operator: ENEL

9 x Pulsi 200

Installed: Sept 99

Fuel: Brown Coal

Ranges

0 - 3000 ppm SO<sub>2</sub>

Duty: CEM

0 - 400 ppm CO

0 - 600 ppm NO

Distributed By:

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