


ENERGY

anytime...

Complete solutions for power generation



Owner:
Oilfield Operator:
Contractor:
Engines:
Location:
Application:
Technical Data:

 PetroEcuador
DygOil Ltd.
Energy International Corp.
Cat® 6CM25 manufactured in Kiel, Germany
Victor Hugo Ruales Field - Lago Agrio
Electric Power Generation
Mechanical output: 3 x 1,728 kW

Energy International offers integrated energy solutions with the highest quality engineering, procurement, project management and construction services in the industry.



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**DygOil Ltd.****Fuel:**

Crude Oil - 35.2 C at
50° C - 31.7.API/ 60° F

Generator:

3 phase synchronous generator
2,081 kVA, 13.8 kV, 60 Hertz

Distribution & Control:

13.8 kV Switchgear, 480 V MCC,
SCADA System

Turnkey Responsibility:

Energy International

Commenced Operations:

February 2004

Operation & Maintenance:

1 year TSA Agreement



Client Benefits

Remote location power production

The client needed a primary power source in this remote region for its oil production. There was no existing energy source since the location is in the Amazon jungle of the northeast region of Ecuador, far from any existing energy grid. Energy International installed Cat® 6CM25 generator sets burning crude oil produced at the client's CPF to provide essential power for this remote location.

Client doubled oil production capacity

With the installation of Cat® generator sets, the client has increased its oil production capacity from 10,000 to 60,000 barrels of oil a day.