

ENERGY

anytime...

Complete solutions for power generation



Owner:

 PetroEcuador

Oilfield Operator:

DygOil Ltd.

Contractor:

Energy International Corp.

Engines:

Cat® 6CM25 manufactured in Kiel, Germany

Location:

Victor Hugo Ruales Field - Lago Agrio

Application:

Electric Power Generation

Technical Data:

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 cSt 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 in Ecuador, far from any existing energy grid. Energy International installed Cat® 6CM25 generator sets using crude oil produced at the client's facility 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 barrels to 60,000 barrels of oil a day.

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