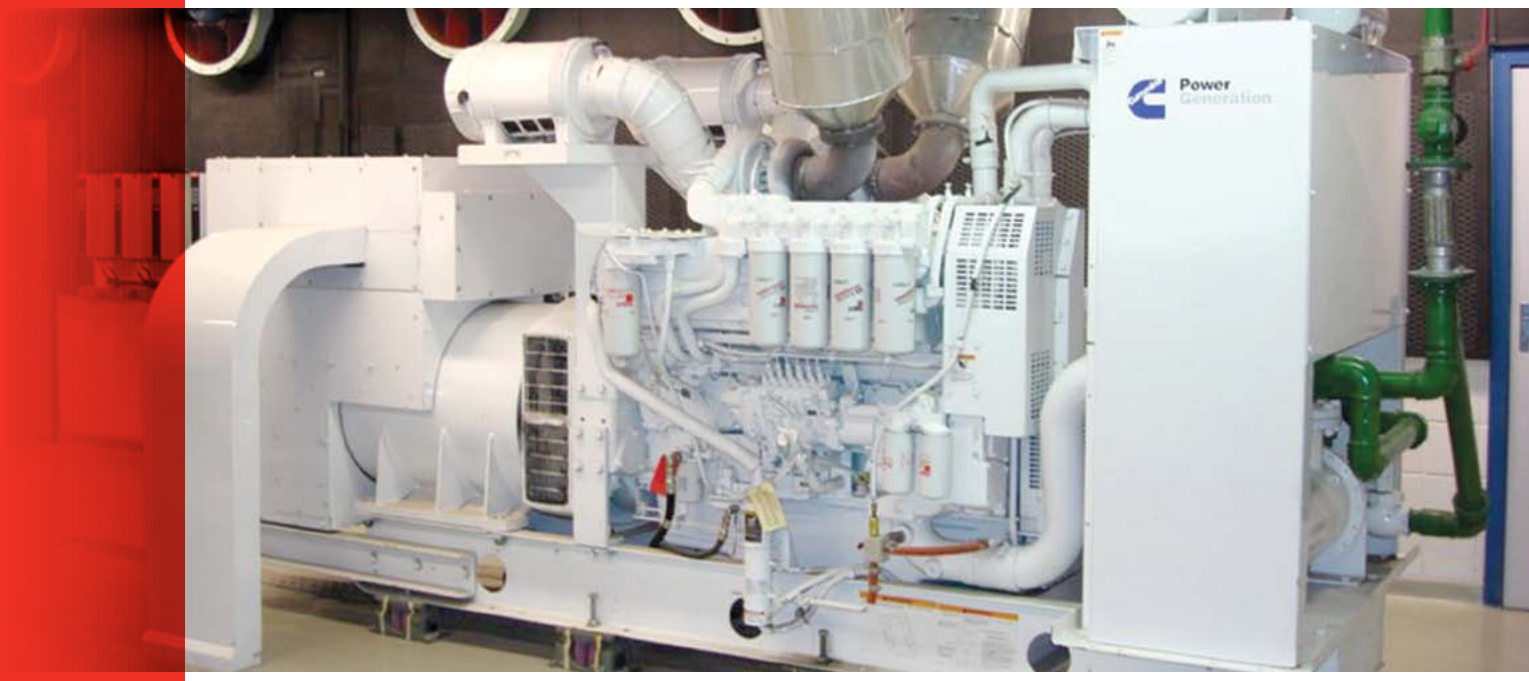
Our energy working for you.™

Power Generation



Standby Power

Case History

Rio de Janeiro, Brazil

Where:
Globo Television Network,
Rio de Janeiro, Brazil.

What:
Two Cummins Power Generation 1250 kVA Model DFHD generator sets, equipped with Cummins PowerCommand® PCC 3100 digital master control and the DMC1000 parallel panel.

Purpose:
Provide emergency standby power.

Primary choice factors:
Reliability, local service and support.

Distributor:
CVSMG-RJ – Cummins Vendas e Serviços de Motores e Geradores.

Rede Globo entrusts its standby power generation to solutions from Cummins Power Generation

The Brazilian television network Rede Globo, known familiarly as Globo, was launched in 1965. Today it is the largest commercial television network in Latin America and the third largest in the world, with an estimated 120 million people tuning in daily. It has become part of everyday life for most Brazilians. Its headquarters and some of its studios are located in the Jardim Botânico neighborhood of Rio de Janeiro. Production studios are located nearby in another part of Rio called Barra da Tijuca.

The Cummins Model DFHD generator sets and digital controls installed at Rede Globo.

The world-famous Botanical Garden in Rio de Janeiro. Rede Globo has its headquarters and some of its studios nearby. Photo credit: tsc_traveler.

The network comprises 122 wholly owned and affiliated television stations throughout Brazil, as well as an international network, TV Globo Internacional, and TV Globo Portugal. More than 4,400 hours of news and entertainment programming are created by the network, making it one of the largest producers of in-house programs in the world.

Power to keep pace with rapid change

In 2007 Rede Globo moved its analog television operations to high-definition production for digital broadcasting. These high-tech advances, as well as the growth of the network, demand a considerable amount of reliable power. In fact, the network consumes as much power as some small cities.

However, the local utility could not always keep up with the network's power needs, and Rede Globo could not allow power failures to knock its stations and programs off the air. As a result, Globo turned to Cummins Power Generation for a Plan B of reliable power.

In order to guarantee its broadcasting and production operations, Rede Globo acquired two Model DFHD generator sets with a standby rating of 1250 kVA. Both are equipped with Cummins PowerCommand® PCC 3100 digital controls, as well as the DMC1000 parallel panel, which monitors the network and controls parallel operations between the two devices. The advanced technology in the installation includes pre-heating resistance in the alternators and a cooling system that uses heat exchangers.

After the entire system was installed and operational in their News Center building, Globo informed the local distributor that it was extremely satisfied with the Cummins solution. In fact, the Globo pay-TV subsidiary, Globosat, requested the delivery of three additional generator sets — Model 800 DQFAB — to provide standby power for its operations.

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World-class products and service

The complete Rede Globo system of generator sets and digital controls from Cummins Power Generation is only a part of the The Power of One™ advantage. Another critical single-source benefit is the world-class service for these products provided by the local distributor, Cummins Vendas e Serviços de Motores e Geradores of Rio de Janeiro (CVSMG-RJ).

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