

# POWER PROFILE

RURAL AREAS ELECTRICITY CO.

## RENTAL POWER PROJECT

- 55 MW installed power to provide 35 MW base load @ 33KV.
- Synchronizing with Grid.
- Difficult site conditions and 55°C ambient temperature.
- Site 800 km away from OTECO facility.
- 24 x 7 Operation & Maintenance.
- Equipment: 17 x 3516BHD, 12 x 3516B, 4 x 3512B, Gensets,  
9 x 7 MVA Transformers, 2 x 33KV RMU, 33KV Cable, Synchronizing system,  
Portacabin, Fuel tanks, Lube oil system etc.

## CUSTOMER

Raeco

## LOCATION

Oman

## CUSTOMER BUSINESS ISSUE

Power needed to feed existing Power station for peak shaving in summer months.

## SOLUTION

35 MW Base load @ 33KV provided.

## YEAR:

2011 (Under commissioning)

## DURATION

3 months

## CAT DEALER

OTECO, Muscat