

Previous Projects

Oduber Hospital Aruba upgraded without any power outtages

After 30 years of pristine duty, the emergency power installation in Aruba's Oduber Hospital was due for replacement. Dynaf, who also installed the initial generator set, back in 1975, was granted the order for renewal. A challenging operation, since the new installation had to replace the old one in the same building and all this without disturbing the hospital's daily routine.

Assessing the Oduber Hospitals current and future needs for emergency power supply lead to two main requirements. First of all the hospital needed to remain 100% operational during failures of the islands power grid. Secondly, although future facility expansion was planned, the consequences for emergency power requirements were not yet determined.

Taking this into consideration, Dynaf advised the parallel installation of two V500UC generator sets fitted with Kerys panels. The Kerys panel allows parallel operation of up to 15 sets. This enables Oduber Hospital to gradually expand its capacity and constantly keep up with actual requirements.

In close cooperation with Croon, a local installation company, Dynaf installed and commissioned the 2 generator sets in a timespan of 6 weeks. The main challenge during the implementation stage of this project was the fact that no power loss was allowed. Therefore, in case the islands grid would fail, one of the generator sets had to be on standby duty constantly.

KEY FIGURES

Materials:	2x V500UC
Power output:	1250 kVA
Building time: (on site)	6 weeks
Operation mode:	Parallel with 2 gensets and parallel to the grid
The total power is expandable in the future by adding more generator sets	



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