

Full Control of Power Sources and Loads Distribution over Several Floors to include Rooms Lobby and underground Parking

Company: Opera Hotel

Location: Tabarja

Country: Lebanon

REQUIREMENTS of the customer:

- Build a Power Design able to manage 3 Power Sources 1 EDL and 2 Auxiliary Generators and able to feed different Types of loads.
- The main Task was to provide a reliable redundant system operating in Manual and Auto Mode.
- Sources Management according to Actual consumption divided into intervals of power when EDL is unavailable. Save the last consumption logged and call the needed source based on this specific consumption.



Solution Partner

SIEMENS

Automation Drives

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BENEFIT of the customer:

- The System carries several benefits such as maintenance free power management, with the ability to operate in full auto mode, semi auto mode and independent operation in manual mode. This flexible design allows the user to control the system despite any malfunction of the controller, communication or any smart device.
- Fuel Consumption is saved thanks to the software recording and monitoring the consumption and adapting the needed sources accordingly.



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ATS Control System

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Implementation:

- Solution Partner helped the client by using the latest technology on the controller level implementing the best cost effective solution.
- Siemens Products offers reliable controller with rugged IOs system hot swappable that minimizes any shutdown or stoppage of the main controller.

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