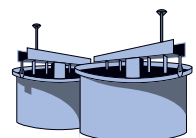


GE

Your favorite partner in Water Treatment



GE imagination at work



GE in Water Treatment



GE's broad range of activities allows the company to offer multiple products and services in specific markets such as healthcare, oil & gas, power generation, transportation, waste to energy, telecommunications, water treatment, commercial buildings, etc. In each specific market, GE has the capacity to work with the builder, the architect, the general contractor, the engineering firm or the installer to put together an integrated package. An example of solutions for the construction and/or maintenance of water treatment market facilities can be found in this leaflet.

LV Main switchgear SEN Plus

Range

- Distribution board
- MCC (plug-in & fully withdrawable)
- Sub-distribution board & empty columns

Features & Benefits

- Up to 690Vac / 600Vdc
- Busbar system up to 4000 A
- Ready assembled & kit delivery
- Modular design
- Complete software & documentation package

Competitive Advantages

- High flexibility
- Competitive solutions
- Short delivery times



RELIABLE POWER

Power Generation

- HV - MV switchgear
- HV - MV transformers

Power Protection

- Safety switches
- Surge protection
- Circuit breakers
- Protection relays

Power Distribution

- Switchboards
- MCC's
- Panelboards

Power Quality

- Uninterruptible Power Supplies (UPS)
- Automatic Transfer Switches
- Power quality meters

Controls & Automation

- Starters & Drives
- PLC's & SW
- Operating devices
- Signalling units

Low voltage
switchgear SEV/SEK



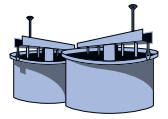
Air circuit breakers



Moulded case
circuit breakers



We cover all your needs, to address your most challenging projects in Water Treatment



LIGHTING SYSTEMS

Outdoor

Roadway
All site

Indoor

Energy-efficient lighting for control room
Maintenance & operation area lighting

GE BUSINESSES

GE Water

Treatments & desalination

GE Sensing

Devices pressure, flow, level, analysis

GE Fanuc

PLC's
Supervision & SCADA system
Operators control devices

GE Security

Electronic access & facility mgt.
CCTV, digital video, surveillance. Fire detection & prevention devices

SERVICES

After Sales
Parts & Repairs
Training
Erection & Commissioning

FACILITY MANAGEMENT

Lighting control
Process automation
Power monitoring systems
Asset management
Remote monitoring and diagnostics

Control devices



UPS



Lighting systems



A recent success

Hamma Desalination Plant in Algeria. 200,000 m³/day

GE has joined the Algerian Government, the Overseas Private Investment Corporation (OPIC) and the Algerian Energy Company (AEC), to build Hamma Water Desalination SpA (Hamma) - Africa's largest seawater desalination plant. Formed and funded by GE and AEC, the Hamma project is part of GE's ecomagination effort, which is aimed at building innovative solutions to tough global problems, like water scarcity.

The Hamma project will supply 25% of Algeria's capital city's population with desperately needed drinking water.

The vertical market team has lead the bid for electrical equipment and drives in order to bring "one face to customer". To complete our portfolio, the vertical market team has created partnerships with AREVA for Medium Voltage and GE Motors for MV Drives.

Electrical equipment installed:

- HV Switchgear and Transformers
- MV Switchgear and Transformers
- MV Variable Frequency Drive
- LV Switchgear
- LV Variable Frequency Drive
- PLC System
- Supervisory software



References

- **Compagnie des Eaux et de L'Ozone:** 40 sites installed in France.
- **Degremont Drinkable Water plant** Johore River, Kotta Tingy, Malaysia;
Semangar, Malaysia
- **Hamma Desalination plant** with GE Water, Algeria
- **Lyonnais des Eaux:** 5 sites Installed in France
- **OTV wastewater** treatment plant of Den Haag
- **Provincial Water Works Authority**, Rungsit, Bangkok: Water Treatment Process
Control & water supply

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www.ge.com/eu/powerprotection



GE imagination at work