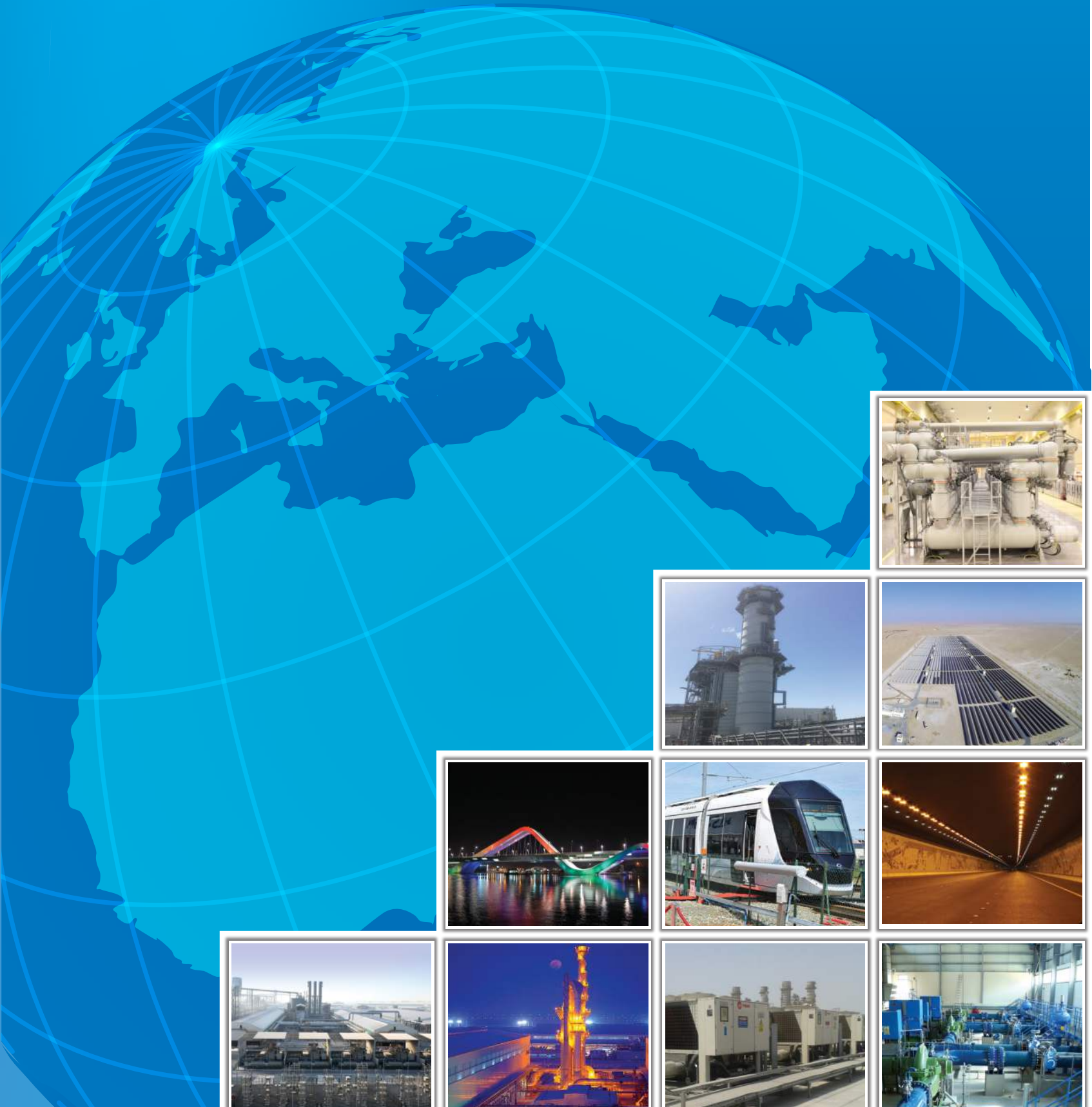


# DANWAY

the power behind your projects





With a history dating back to 1976, **DANWAY** over the last four decades has transcended into a leading Engineering and Contracting enterprise in the Infrastructure, Industrial, Energy, Oil and Gas sector within the UAE and the Middle East.

Danway LLC, Danway Electrical and Mechanical Engineering LLC, Danway Emirates LLC, which comprises the DANWAY Group of Companies has a long and successful track record of delivering expert engineering products and technical services across the project value chain. Today, the company operates as a fully owned subsidiary of AL NOWAIS Investments LLC, a conglomerate established in the UAE that tenders diversified interests in power, water, oil and gas as well as industrial projects within the region.

# ENGINEERING & CONSTRUCTION

Energy	Infrastructure	Industrial	Oil & Gas	Maintenance & Testing
				
<p>EPC Contracts for MV, HV and EHV Substations (up to 400kV) including Electrical and Instrumentation Installation works for;</p> <ul style="list-style-type: none"><li>■ Power Generation Plants</li><li>■ Desalination Plants</li><li>■ Installation works for MV, HV and EHV Substations</li><li>■ Power Transmission and Distribution</li><li>■ Solar Power Plant</li></ul>	<p>Electrical, Mechanical and Instrumentation works for;</p> <ul style="list-style-type: none"><li>■ Water Transmission &amp; Distribution System</li><li>■ Sewage Treatment Plants</li><li>■ Foul &amp; Drainage Pumping Stations</li><li>■ Roads, Bridges and Tunnels</li><li>■ Airports</li><li>■ Ports &amp; Harbours</li><li>■ Rail Transport</li></ul>	<p>Electrical, Mechanical and Instrumentation works for;</p> <ul style="list-style-type: none"><li>■ Aluminium Smelters</li><li>■ Chemical Plants</li><li>■ Paper Mills</li><li>■ Cement Plants</li><li>■ Glass Plants</li></ul>	<p>Electrical, Mechanical and Instrumentation works for;</p> <ul style="list-style-type: none"><li>■ Petroleum Products Tank Terminals</li><li>■ Aviation Depots</li><li>■ Refineries</li><li>■ Petrochemical Plants</li><li>■ Offshore Platforms</li></ul>	<ul style="list-style-type: none"><li>■ Maintenance of Lighting System for Towns &amp; Cities</li><li>■ Maintenance of Electrical Equipment</li><li>■ Maintenance of PV Plants</li><li>■ Testing of Electrical System</li><li>■ Online Condition Monitoring of medium / high voltage cables up to 750kV.</li></ul>



*EHV Substation, KSA*



50 MW Solar Power Plant, TOGO (West Africa)

50 MW Solar Power Plant, TOGO (West Africa)



# ELECTRICAL POWER DISTRIBUTION & CONTROL



## Switchgear Systems

- Certified Low Voltage Switchgear Panels up to 6300 A, Form 4 type 6/7, Fixed and Withdrawable.
- Motor Control Center (MCC) Fixed and Withdrawable.
- Medium Voltage Switchgear panels up to 17.5 kV, 2500A, 31.5 kA, Metal Clad, AFLR, Withdrawable Vacuum Circuit Breaker, Rolling on Floor type, under license from Schneider Electric.
- Ring Main Units up to 22 kV, Schneider Electric make Type RM6, SF6 Gas insulated, up to 25 kA/20 kA (11 kV / 22 kV), 400A/630A.

## Service Solutions

- Substation Refurbishment/Retrofit
- Substation Modernization/Digitization/Rehabilitation
- Substation Predictive, Preventive & Corrective Maintenance
- Substation Testing & Commissioning
- Power Quality – Measurement, Analysis & Mitigation
- Secure Power Services

## Electrical Product Solutions

- Weidmuller Modular Terminals & Accessories
- Weidmuller Junction Boxes - Industrial & Explosion Proof for Hazardous Area.
- Power & Distribution Transformers – Oil & Dry Type.

## Low Current Systems

- DC Charger / UPS / Inverter System
- Central Battery System (CEAG) / Fire Alarm / Public Address with Voice Evacuation
- Building Management System (Cylon ABB)
- Lighting Control / GRMS
- CCTV / Access Control System / Structured Cables

## Automation Systems

### Industrial Automation:

- PLC-SCADA-HMI based Control Automation Systems.
- PLC based Safety Systems for Emergency Shutdown, HIPPS, Fire & Gas Applications including F&G field detectors.
- RTU – SCADA based Telemetry Systems.
- Communication networks between Remote Stations to Central SCADA System.
- Process Instrumentation.
- PLC / HMI based HVAC Control Systems with Field Instrumentation.
- Containerized Automation Systems.
- Migration and Upgradation of Automation Systems.

### Energy Automation:

- Smart Grid, Distribution Automation Systems, RTU Retrofitting.
- Substation Automation Systems for Grid Substations, RTU/SCADA upgradation.
- Power Monitoring Systems.

# ACCESS SYSTEMS & CRANES



Danway Access Systems & cranes offering the service and maintenance of the following products.

- Roof Parapet Mounted Davits
- Wall Mounted Monorails
- Inverted Monorails
- Trackless Trolley
- Telescopic Trolley (Fixed / Powered Traverse)
- Track Trolley (Fixed / Powered Traverse)
- Aerial Working Platform
- EOT Crane & Gantry Cranes
- Crane Kits & Monorail Hoist System
- Ex Proof Cranes for Hazardous Areas
- Access Systems (Temporary Cradle Rental)

# POWER & WATER



## System Design, Packaging, Production, Installation, Testing & Commissioning

- Packaged Pumps and Plants
- Diesel Power Generators
- Power Protection (Diesel Rotary UPS)
- Dynamic Pressurisation unit, Degassor and Pressure vessel
- Water & Sewage Treatment Package Solutions
- Reverse Osmosis Skids
- Chiller Plants and Heat Pumps
- HVAC Packages and System Solutions
- Ductile Iron Pipes
- Specialist Services, Energy Optimization and retrofit

## INDUSTRIAL RETAIL SYSTEMS (IRS)

- **Industrial Systems:** Provides products and solutions to the Industrial sectors, offering Industrial Weighing, Weighbridges, Belt Scales, Inspection Products and Packaging Technologies.
- **Retail Systems:** Provides Retail Loss Prevention Systems, offering Electronic Article Surveillance (EAS), Retail weighing and labelling, Food processing equipment and accessories.
- **Auto ID & POS Solutions:** We provide wide range of solutions in Auto ID and POS comprising Barcode & receipt printers, Consumables, Barcode scanners, Mobile Computers, RFIF devices, POS systems and Asset management software. We are specialized in developing customized software applications and integration with legacy software systems.
- **Personal Protective Equipment:** Provides best in class personal safety gears from head to toe and Industrial safety solutions.
- **DCML:** In path of continuous improvement, today Danway's Calibration and measurement laboratory is accredited to ISO 17025 standard by EIAC. One scope covers force, pressure, dimensional, electrical temperature and mass.



## Industrial Safety PPE



## Authorized Distribution





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Taweelah Unit III - UAN Water Transmission Scheme



DEWA 400kV Substation



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