



Powering change

Asia Pacific,
Middle East
and Africa (AMEA)

Delivering the infrastructure that people rely on every day - to realize the energy transition and power a carbon-free planet

Hassan Merhi
Managing Director - AMEA



Our Legacy

Linxon is a company built on 100 years of technology expertise and 60 years of substation and electrification project experience worldwide. Our legacy began with ABB and has evolved into a joint venture with Hitachi Energy and AtkinsRéalis. Together, we are committed to creating reliable and sustainable solutions that shape the future of energy.

The AMEA Hub

In Riyadh, our AMEA Hub's regional headquarter stands tall, strategically positioned to serve the region. With 15 offices across Saudi Arabia, UAE, Bahrain, Egypt, Jordan, Iraq, Nepal, India, Thailand, and the Philippines, we are active partners in the region's energy transformation. Our presence extends beyond borders, and our impact resonates across diverse landscapes.

We believe in the power of collaboration. We work closely with our clients, partners, and communities to deliver excellence. Our specialized service unit for substations, equipped with certified supervisors, exemplifies our commitment to quality and safety. Together, we are driving progress, one connection at a time. Let's create a brighter, more sustainable world together.





Hub AMEA presence

Regional headquarter: Riyadh, KSA



How we create value

Heritage

We are the merger of “the best of two worlds” – engineering/construction capabilities (AtkinsRéalis) and high-quality products (Hitachi Energy)

Purpose

Delivering the infrastructure that people rely on every day - to realize the energy transition and power a carbon-free planet

Vision

Deliver the highest quality experience to our customers seeking turnkey solutions, with the unique combination of OEM and EPC expertise

Our business scope

Linxon offers engineering, procurement and construction services for High Voltage Alternating Current (AC) substation projects.

Linxon serves 5 main customer segments:



Power generation



Transportation



Utilities



Data centers



BESS

Portfolio

Kingdom of Saudi Arabia



- 380 kV Tanajib substation
- Fadhili 380 kV BSP
- Rabigh IPP 380 kV GIS substation
- Expansion of existing Badar (9013) & installation of reactors Nafal (9008) & PP-7 (9007)
- Expansion of Layla
- Expansion of Rabigh 2 BSP
- Expansion of Qatif
- Expansion of TEG
- Expansion of TWL & KLS
- Black Zone
- Expansion of Safaniya BSP 380-230 kV
- Expansion of Al Mashar & South Azizia 380 kV
- Expansion of the existing (RBG-2 BSP) and installation of bus reactors at Makkah Housing (MKH) 380 kV BSP and Jeddah Northeast (JNE) 380 kV BSP
- Expansion of existing Ghazal 230 kV GIS substation and associated remote end modification

United Arab Emirates



- MBR Solar Main and Mod. 2 Sheikh Mohammad Bin Rashid Solar Park 400/132 kV SS & associated OHL works
- SHAMS 400/132 kV substation and associated modification works
- Rabawah 132/11 kV GIS SS (Emaar MBR Dubai Hills (14-15))
- GreenHills 132/11 kV GIS SS (Emaar MBR Dubai Hills (14-15))
- Sanad project MH-0021 132/11 kV substation and associated works
- Abraj St. 132/11 kV substation and associated works

Bahrain



- 4662/2016/3100: 220 kV & 66 kV transmission development (2012-2016) - Phase 1 (4_220/66 kV GIS SS)
- Durrat Al Bahrain 220 kV SS BSP
- Addur IPWP 220 kV SS BSP
- Amazon Askar 220 kV substation
- Addari 220 kV SS BSP
- Janoob Madinat Hamad 220 kV SS BSP
- BMP 220/33 kV SS & East Sitra 220/66 kV SS

Iraq



- JICA-Lot 2-Boob Al Sham 132/33 kV GIS SS
- JICA-Lot 2-Kut Center 132/33 kV GIS SS
- JICA-Lot 2-Al Dewaniay West 132/33 kV GIS SS
- Baghdad North 400 kV GIS SS
- Rumaila
- 12NT-Al Hay SS 132/33 kV AIS SS
- 12NT-New Karbala SS 132/33 kV AIS SS
- 14NT-Al Adala SS 132/33 kV GIS SS
- Babil
- 14NT-Al Rabea SS 132/33 kV GIS SS
- JICA-Lot 2-Al Hussainiya 132/33 kV GIS SS
- 14NT-Al Turath SS 132/33 kV GIS SS

India



- 765/400 kV AIS at Khetri, Jhatikara & Sikar
- 765/400 kV AIS at Fatehgarh
- Obra Adani thermal transmission project
400/220/132 kV GIS substations, Uttar Pradesh
- Tata solar energy project 400/33 kV
substation
- Bhadla and Bhiwani 765/400 kV substations
- SS-91 substation package, 765/400 kV
AIS, Gujarat
- SS-27 substation projects
 - Multiple expansion projects across
India 400/220 kV
- SS-22 substation package
 - Multiple expansion projects across
India 400/220 kV
- Chandauti 400 kV AIS
- Multiple expansion projects across
India 765/220 kV

Nepal



- Dhalkebar, Nepal 400 kV GIS
- Butwal 400 kV GIS



Global partner in rail electrification

Thailand



Mass Rapid Transit (MRT)
Yellow and Pink Line,
Bangkok

Philippines



North South
Commuter Rail (NSCR),
Manila

Tanzania



Tanzania Standard Gauge
Railway (TSGR),
Makutopora – Tabora section

India



Mass Rapid Transit Systems
(MRTS) Phase 2 extension,
Kochi



Mass Rapid Transit
Systems (MRTS),
Kolkata



Mass Rapid Transit Systems
(MRTS) Phase 2,
Chennai



Mass Rapid Transit Systems
(MRTS) Phase 2 A,
Bengaluru

Our portfolio for rail solutions

- Traction power substations (built in place and containerized solutions)
- Switching and paralleling stations
- AC and DC applications
- Wayside energy storage systems
- Feasibility and reliability studies - RAMS
- Systems studies and traction power simulations
- SCADA systems for railway applications
- Design, erection, testing and commissioning of third rails and power rails from 750 V DC to 3000 V DC
- Design, erection, testing and commissioning of overhead catenary system for both AC and DC application

Major Utilities



Developers/EPCs



Partners and Suppliers



We are Linxon

Our expertise combines deep technological knowledge, digital know-how and project management expertise that make Linxon a true partner for your reliable, sustainable substation and electrification solutions.



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