

100+ DELIVERED

Substation EPC

Design, construction and commissioning of distribution substations — over 100 delivered, alongside 800+ 11 kV line bifurcations and specialist underground cable execution.

DELIVERED

100+ substations

CLASS

33 kV and 11 kV

SCOPE

Design to charging



Newly commissioned 33 kV substation, Haryana

We build what we manufacture.

Substation construction is where the manufacturing comes together. The transformer, the structures, the cable and the conductor are all ours, so a turnkey substation is largely an internal supply chain rather than a procurement exercise.

It also keeps us honest. When the same organisation manufactures the equipment and then has to commission it on site, specification shortcuts become your own problem — a discipline no amount of quality documentation replicates.

100+ substations

Delivered across utility networks in Haryana.

800+ bifurcations

11 KV line bifurcation work completed.

Underground cable

Recognised specialist capability, including directional drilling.

UTILITY

DISCOM networks

Distribution substations under state utility contracts.

SCHEME

Government programmes

MGJG, DDUGJY, IPDS and RDSS packages.

INDUSTRY

Captive substations

Plant and industrial estate supply points.

DEVELOPER

Township supply

Industrial park and township distribution infrastructure.

Fields marked "On enquiry" are issued against a specific enquiry. Full specification, reference tables and fittings: aggarwalglobal.com/products/substation-epc.html

SCOPE

Services	Design, construction, testing and commissioning
Voltage classes	33 kV and 11 kV distribution substations
Substations delivered	100+
Line bifurcations	800+ at 11 kV
Civil works	Foundations, plinths, trenching, boundary wall and control room
Structures	Gantries and equipment structures, fabricated and galvanized in-house
Equipment	Transformers, panels, cable and conductor from our own manufacturing
Schemes executed	MGJG, DDUGJY, IPDS, RDSS

UNDERGROUND CABLE

Laying	Direct buried, in duct and in trench
Drilling	Horizontal directional drilling for road and canal crossings
Jointing	Straight-through and termination joints, LT and 11 kV
Testing	Insulation resistance, high voltage and pre-commissioning tests
Route survey	Survey, marking and way-leave support

STANDARDS

IS 3043	Code of practice for earthing
IS 5613	Code of practice for design, installation and maintenance of overhead power lines
IS 10028 (Parts 1-3)	Selection, installation and maintenance of transformers
CEA Regulations	Measures relating to safety and electric supply
IS 2026 / IS 1180	Transformers supplied within the package
IS 7098	Cable supplied within the package



ENQUIRIES

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WORKS AND OFFICE

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Delivery as per the client's requirement, confirmed with the quotation. Ex Factory or FOB for export.