



DAELIM BELEFIC

PRESENTATION OF DAELIM TRANSFORMER

2022



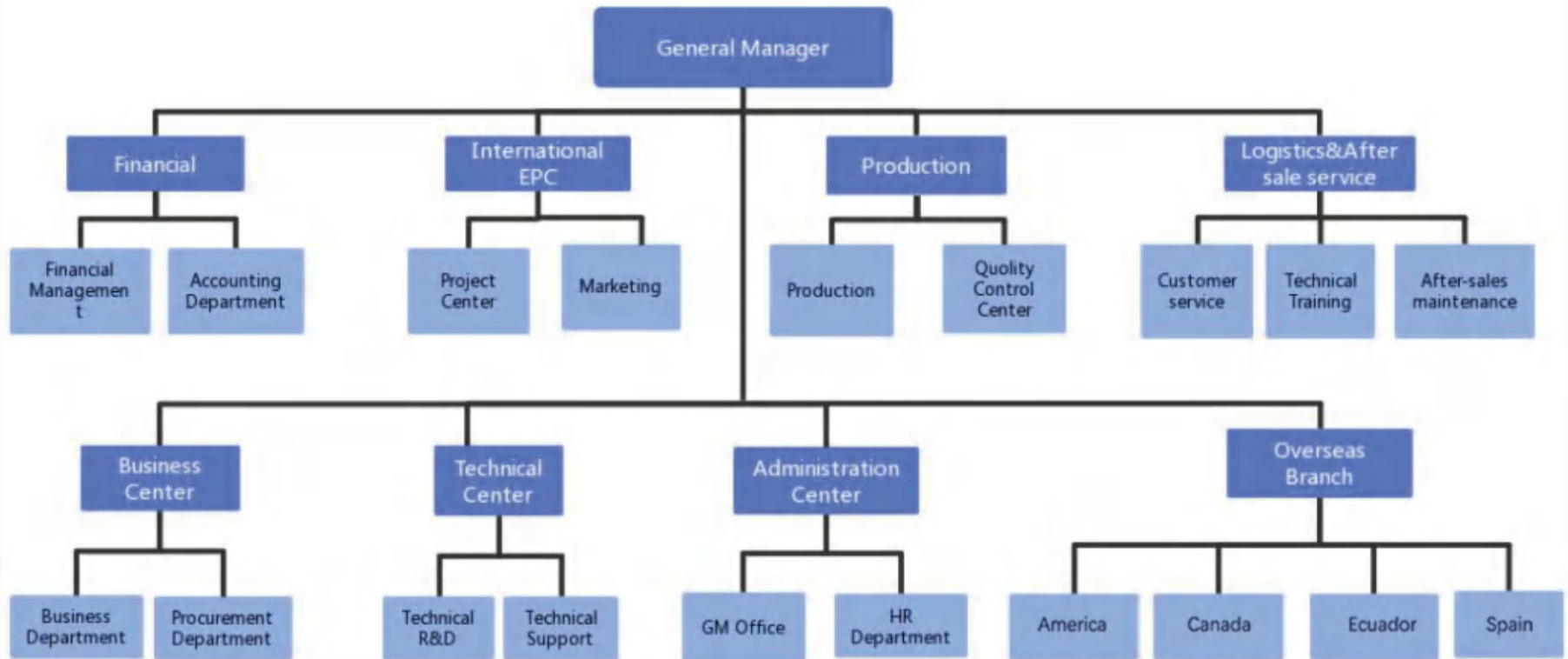
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ORGANIGRAM OF INTERNATIONAL DEPARTMENT





DAELIM BELEFIC

DAELIM TEAM



HEAD OFFICE:
BEIJING DAELIM GREEN EP TECHNOLOGY CO., LTD, is the headquarter of Daelim Team, located in Beijing, China. Beijing team mainly deal with international electric projects, focusing on electric power fields including POWER SUBSTATION, DISTRIBUTION SYSTEM

FACTORY
169 Xinlou Road, Qutang Town, Haiian City, Jiangsu Province, China



Jiangsu China Factories



Nantong, Jiangsu, China

Total Area: 120,000 m²
 Equipment: Transformers and
 Autotransformers
 Ranges: Single-phase / Three-phase
 Up to 245kV - 270MVA
 Staff: 1000+ Employees

Qutang, Jiangsu, China

Total Area: 30,000mts2
 Equipment: Single- phase / Three-
 phasesUp to 44kV - 80MVA
 Staff: 100 Employees





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Certificates



Jiangsu DAELIM UL



Jiangsu DAELIM CSA



Jiangsu DAELIM CESI



Jiangsu DAELIM SGS



Jiangsu DAELIM ISO



Jiangsu DAELIM ISO



Jiangsu DAELIM ISO



Jiangsu DAELIM Test Report



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General Technical Characteristics

Design

Design Tools SOLIDWORKS(3D) / AUTOCAD
Equipment 3F / 2F / 1F Transformer / Autotransformer
Design and Manufacture Standard IEC 60076 / ANSI-IEEE C57.12/CSA/EN/BS/GOST

Design Oil Conservator / Sealed
Insulation Mineral Oil Inhibited / Not Inhibited / Vegetable
Installation Altitude According to Request

Manufacturing

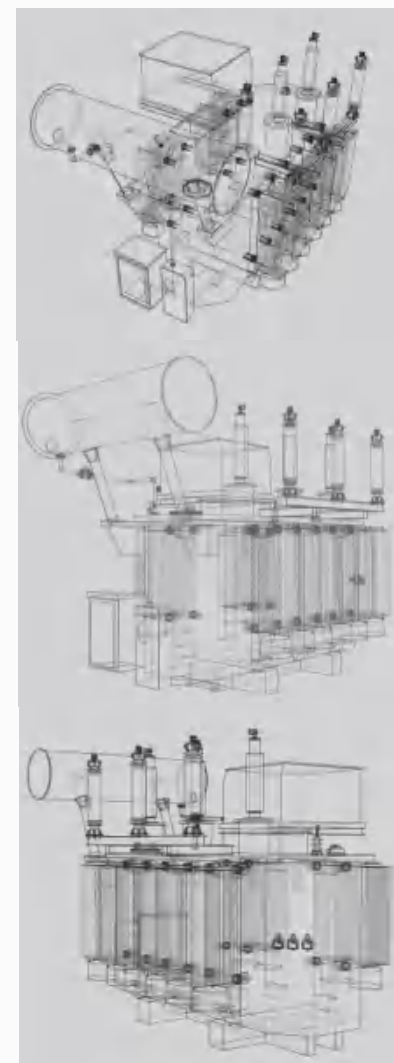
Core Coiled Type
Column Type in Grain Oriented Silicon Steel and High Permeability (low losses)
High Purity Electrolytic Copper
Class E Insulating Paper (120 ° C)
Steel ASTM A-36 Low Carbon Steel
Welding Continuous Double Seam Welding
Active Part Drying Oven & “Vapourphase” System (Kerosene Steam)
Cleaning Process Blasting
Painting Process: Electrostatic / Anticorrosive + Epoxy / Immersion

Tests

Routine tests Included
Type Tests Included (Heating and Impulses)
Special Tests Included (Except Short Circuit Test)
Tests Accessories Not included, Except Typical Information Available

Packaging

Wooden Cages / Crates / Drums Included





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Distribution Transformer production process





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Distribution Transformer Scope



Single/Three Overhead Transformers

Single/Three Padmounted Transformer
Zig Zag Transformers

Dry Type Transformers

Amorphous Alloy Transformers





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Power Transformer Production Process

Three-Phase and Single-Phase Transformers

Three-Phase and Single-Phase Autotransformers





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Standard Accessories / Instrument

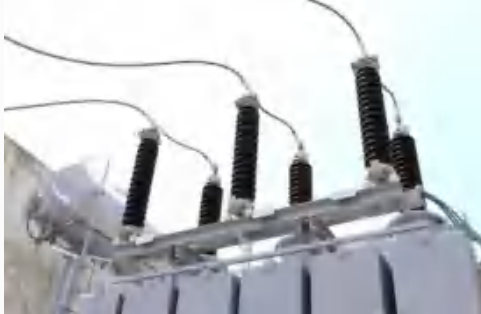
Mineral Oil
Buchholz relay
Pressure Relief Valve
Oil gauge
Upper Winding / Oil Temperature Indicator
Air Dehumidifier (Silica Gel)
Oil filling / draining valves, sampling, etc.



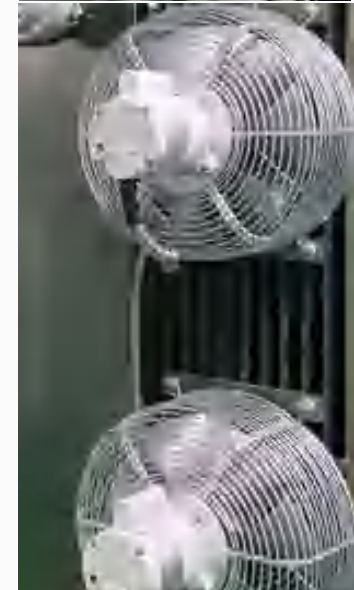


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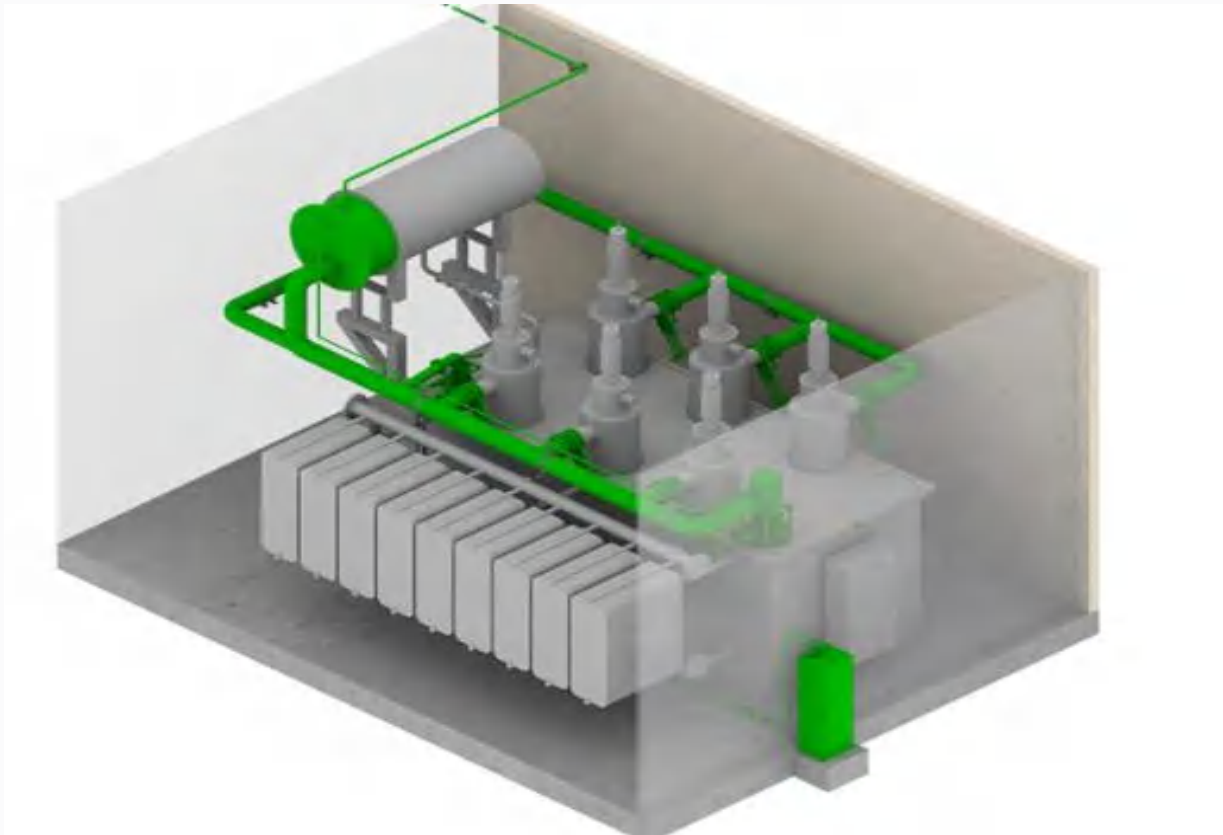
Accessories / Instruments On Request



Uninhibited Mineral / Vegetable Oil
Digital Temperature Monitor
HV / LV “ZnO” Surge Arrestor
Grounding Resistor / Zig-Zag Transformer
HV / LV Connections for Dry / SF6 Cables
No Load / Under Load Taps Changer
Gas in Oil Monitor
Cooling System Using Fans / Water-Oil Circulation
Remote Control and Signaling Board



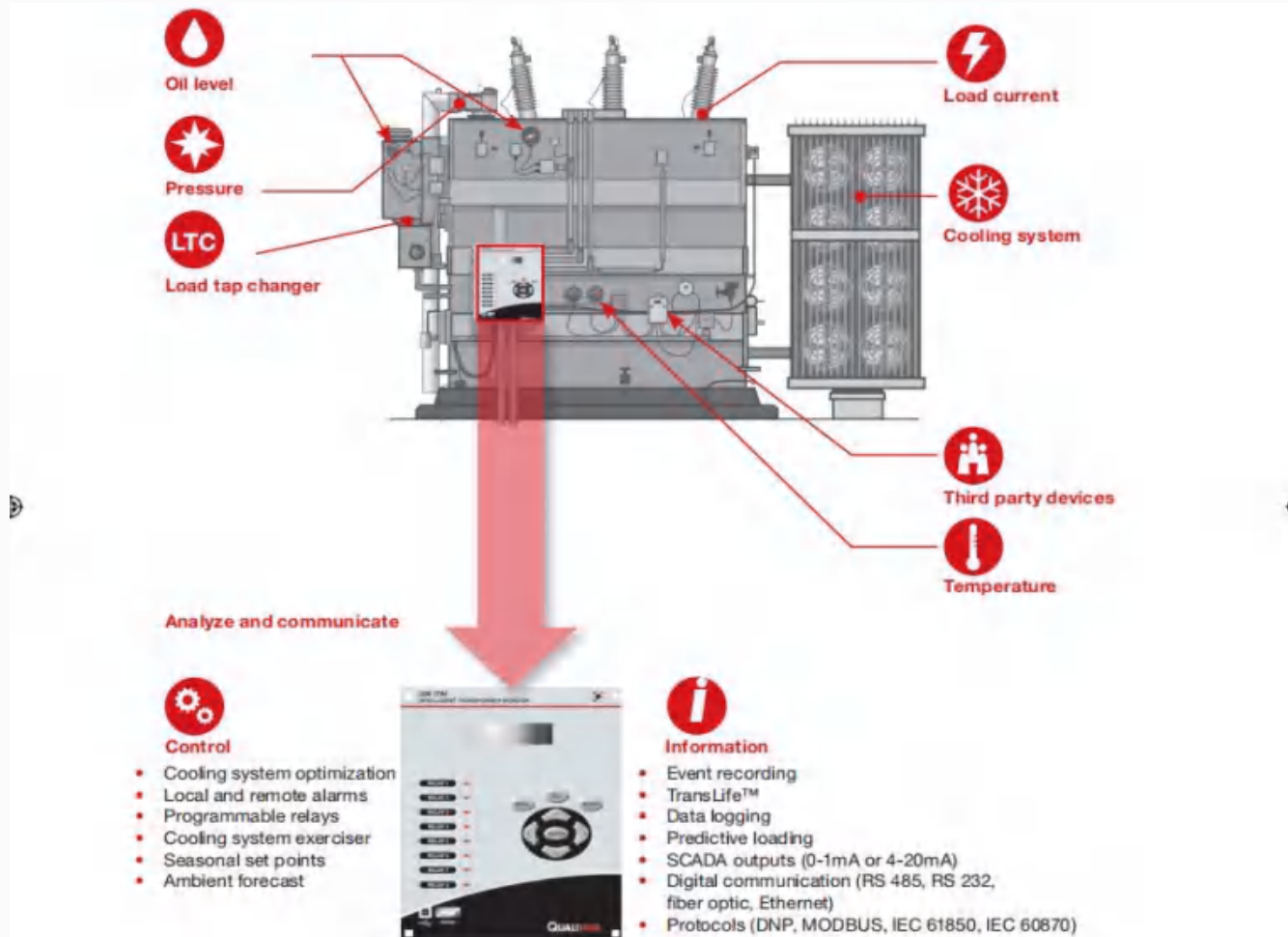
Accessories / Instruments On Request Fire Prevention System (SERGI)





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Accessories / Instruments On Request Monitoring System "On Line"

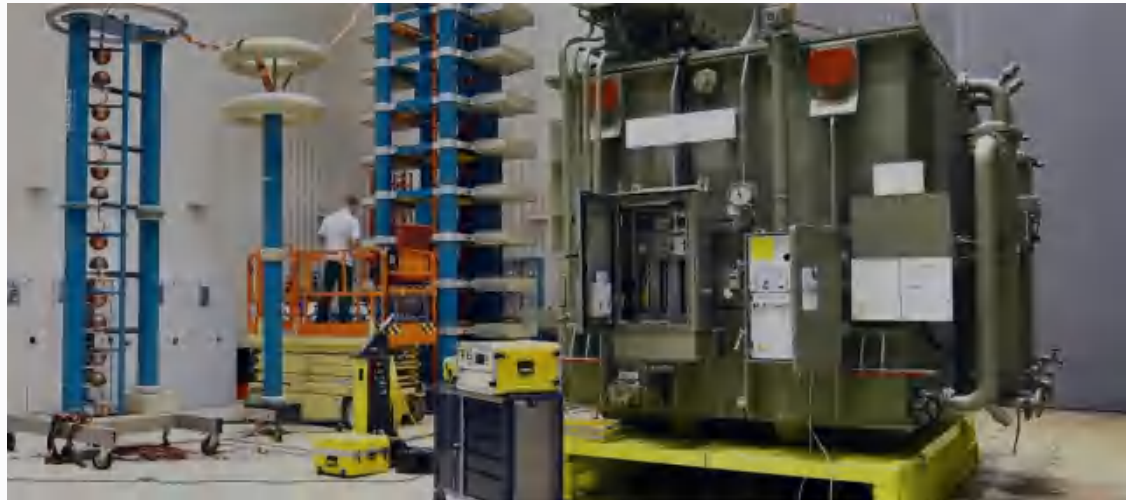


Laboratory Test



Laboratory Test
ANSI / IEEE C57.12 / IEC 60076 standards
Test Capacity up to 220kV - 240MVA

Oil Laboratory
Standards ASTM D-3487/2002 / IEC 60296 / IEEE C57.106-2002 / IEC 60422
Physical - Chemical Analysis
Chromatographic Analysis





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Packaging & Associated Services

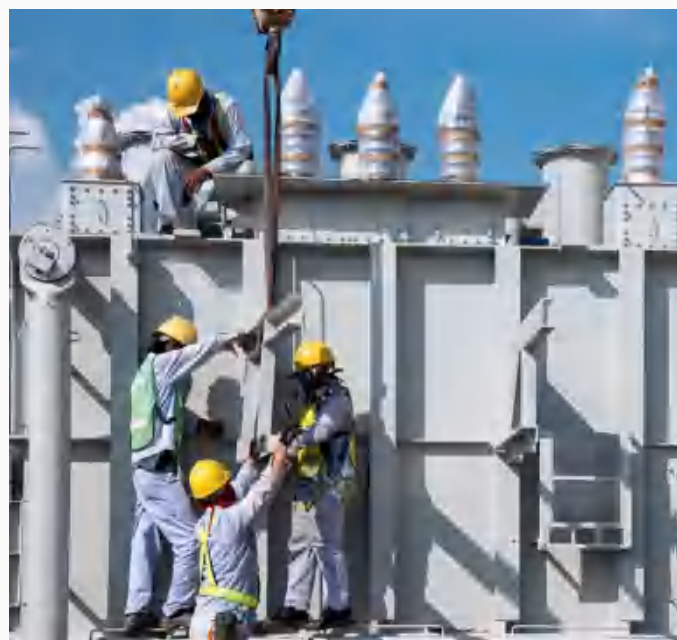


Packaging
Main Parts (Tank, etc.) Without Packaging (not required)

Accessories Properly Treated Wood Boxes (NIMF N° 15)
Oil 200lts Metallic Drums

Associated Services

Transport Maritime / Land
On Site Technical Assistance In Assembly, Oil Treatment, Testing and Commissioning (Energization) by an Engineer
Factory Specialist
Training by a Factory Specialist Engineer in Operation and Maintenance





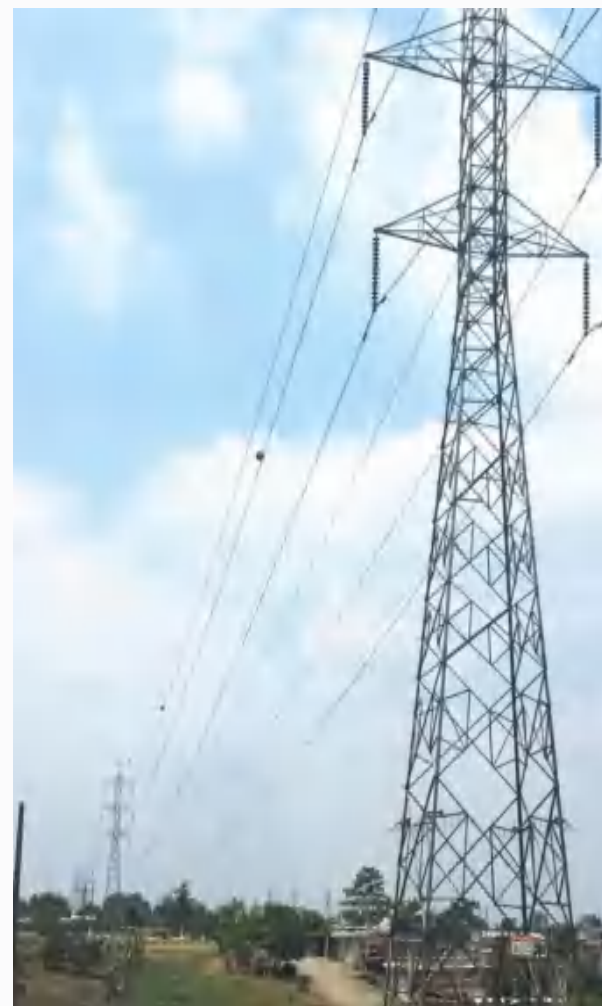
Reference Projects



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Reference List America

Canada			
Projects Lists			
Project Item	Project Name	QTY	YEAR
Power Substation	44/12.47KV 5MVA Power Substation	4	2021
Distribution System	7200V ,120/240V Single Phase,Pole mount Transformer	213	2022
Distribution System	300KVA-7200 (2400)V 120/208V Pad Mount Transformer	75	2022
Distribution System	2600kva 1000kva 34.5Delta 0.415KV pad mounted transformer	45	2011
Distribution System	25kva+50kva 12470GrdY/7200 240/120 single phase pad mounted transformer	215	2021
Distribution System	2550kva 12.47KV 4.16KV/2.4kv pad mounted transformer	16	2022
Distribution System	Three Phases Power Substation 69/13.8KV OLTC ONAF - 5mVA	7	2022
Distribution System	2500(3000)kVA 34.5kV 0.48/0.277kV KNAN Small Substation Transformers	90	2022





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Reference List America

USA			
Projects Lists			
Project Item	Project Name	QTY	YEAR
Distribution System	2550kva 12.47KV 4.16KV/2.4kv pad mounted transformer	16	2020
Distribution System	3750kva 12.47KV 4.16KV/4.16/2.4kv pad mounted transformer	4	2021
Distribution System	2000/2800kva 21kv to 480/277v pad mounted transformer	16	2021
Distribution System	2500kva 24.94 X 12.47kv to 4.16/2.4kv pad mounted transformer	14	2021
Distribution System	2600KVA 24940Y/ 14400V to 415Y/240V pad mount transformer	3	2022
Distribution System	3750kva 13.8kv to 0.415kv Loop-feed Pad- mounted Transformer	12	2022
Distribution System	3000kva 34500v to 415/240v Loop-feed Pad- mounted Transformer	12	2022
Distribution System	3000kva 13200v to 415/240v Loop-feed Pad- mounted Transformer	30	2022
Distribution System	500/1000/2000/3000kva pad mounted transformer	10	2022





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Reference List America

Ecuador			
Projects Lists			
Project Item	Project Name	QTY	YEAR
Steel Mill Factory	Gefersa 69/13.8kv 80MVA Furnace Transformer	1	2020
Power Transformer	Three Phase Power Transformer 69kV 18/24 mVA	5	2020
Transmission Line	Guayaquil 138KV Transmission Line	120km	2020
GIS Mobile Substation	69KV Mobile Substation with GIS	1	2021
Power Substation	Three Phases Power Substation 69/13.8KV OLTC ONAF - 5mVA	7	2021
Power Substation	Three Phases Power Transformer 69/13.8KV- 20mVA	3	2021
Power Substation	Mobile Power Station 69/ 13,8kV - 20mVA	2	2022
Power Substation	Three Phases Power Substation 138KV- 35/40mVA	3	2022
Power Substation	Power Station 69/ 13,8kV - 26/30mVA	5	2022



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Mexico			
Projects Lists			
Project Item	Project Name	QTY	YEAR
Chemistry Factory	20KV 6MVA Furnace Transformer	1	2020
Chemistry Factory	20KV 20MVA Furnace Transformer	1	2020
Factory	20MVA- 115KV Power Transformer	1	2022
HONDURAS			
Projects Lists			
Power Substation	138KV 20/24MVA Power Substation	1	2020
Solar Project	Three Phases Distribution Transformers 13.8/0,48kV 625~1700kVA	10	2020
Solar Project	Three Phases Pad Mounted Transformers 13.8/0 .8 kV 625kva ~ 1750kVA	3	2021
Distributor	25kVA ,50kVA,34500Y/ 19920V 120/240 Single Phase Polemount Transformer	100	2022
Distributor	1.500kV, 13,2/0,4-0,23kV AN, Cast Resin Transformer	7	2022
Distributor	2.000kVA, 13,2/0,4-0,23kV, AN, Cast Resin Transformer	1	2022





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VENEZUELA			
Projects Lists			
Project Item	Project Name	QTY	YEAR
Iron Alloy Mill Factory	35KV 60MVA OLTC Arc Furnace Transformer	1	2020
Power Substation	Cotebie 69/22KV 20MVA Power Substation	1	2021
Mobile Substation	67KV 20MVA Mobile Substation	1	2022
Power Transformer	Three Phases Power Transformer 69kV- 60mVA	1	2022
Crypto Mining	2500/2800 kVA 3 Phase Distribution Transformer 13.8/240- 138 ONAN/ONAF DYN11, K13, aluminium winding	4	2022
Crypto Mining	3200/3500 kVA 3 Phase Distribution Transformer 13.8/240- 138 ONAN/ONAF DYN11, K13,aluminium winding	1	2022





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Reference List

Kazakhstan

Projects Lists

Project Item	Project Name	QTY	YEAR
Steel Mill Factory	10MVA, 110KV Power Substation	1	2020
Distribution System	1000KVA, 10KV Dry Transformer	15	2020
Distribution System	600KVA, 10KV Dry Transformer	20	2021
Residential Application	2500KVA, 10KV Pad-Mount Transformer	10	2021
Digital Currency Mining	1000KVA 10KV Pad-Mount Transformer	5	2022

Tajikistan

Distribution System	Power Transformer 10/16MVA 115/11kV	2	2022
Distribution System	2 Distribution Transformer 630/400/100kVA 10/0.4kV	40	2022

Australia

Projects Lists

Project Item	Project Name	QTY	YEAR
Power Substation	750kva 11/0.4kv Distribution Transformer	1	2021
Power Substation	3000kVA 11/ 1kv Distribution Transformer	4	2021
Distribution System	1500kVA 11-6.6- 1kv Skid Substation Transformer	20	2022
Distribution System	2500kva 33/22/ 11kv to 0.4kv Skid Substation Transformer	11	2022
Distribution System	1500kVA 11-6.6- 1kv Skid Substation Transformer	8	2022
Distribution System	250kVA 11/0.415kv Distribution Transformer	5	2022



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Brand



PART 2 - PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS:

- A. ABB/Hitachi
- B. Eaton/Cooper Power Systems.
- C. Delta Star.
- D. General Electric.
- E. Kuhlman.
- F. Pauwels.
- G. Square D.
- H. Virginia Transformer.
- I. Sunbelt
- J. Daelim Belefic**

How to begin our business with customers:

- ◆ **OEM: OEM by complete transformer or active parts.**
- ◆ **Tender: take part in tenders together.**
- ◆ **Order: Purchase by order directly.**

MARKETING





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Thank you

2022