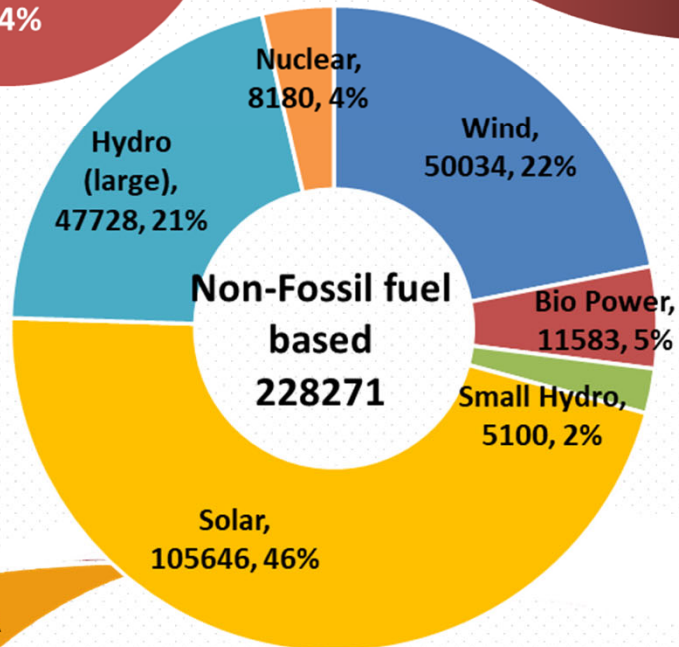
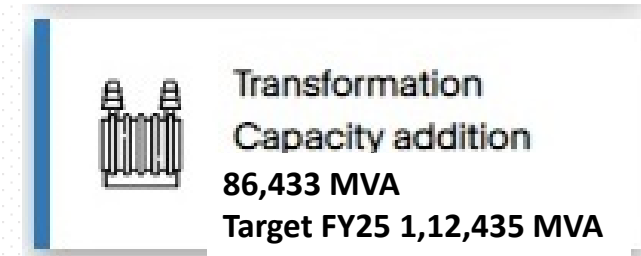
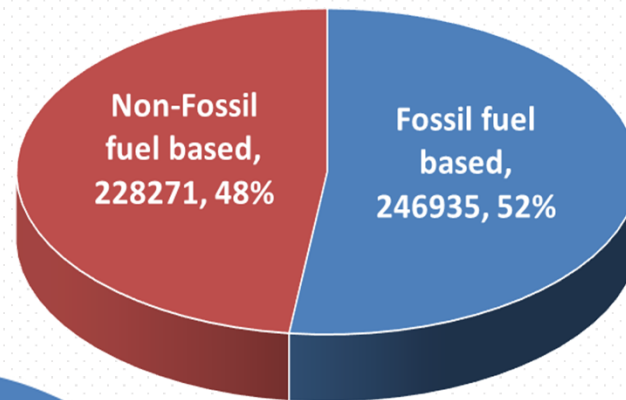
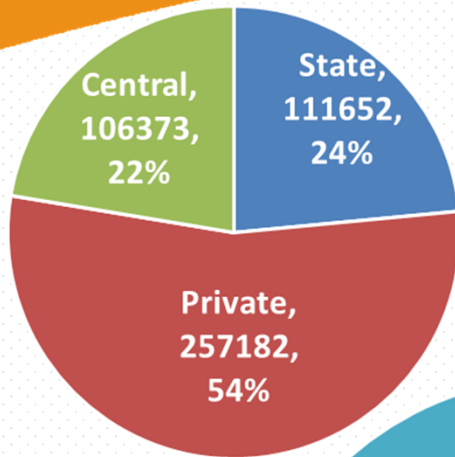




Status - Indian Electrical Industry April to March 2025

Indian Power sector till March 2025

Installed Generation Capacity as on 31 Mar 2025 is 4,75,206 MW



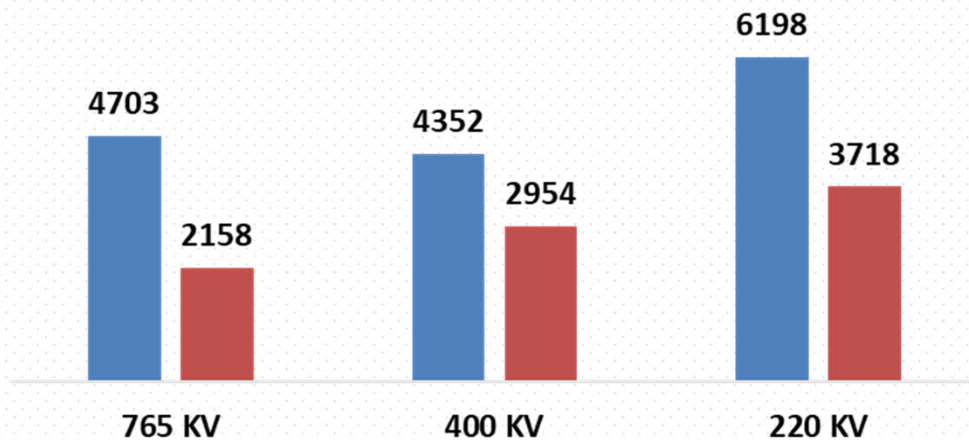
33,236 MW generation capacity added in Apr - Mar25, 89% is Non-Fossil fuel based

Source CEA

Status of Transmission & Substation Achievement during FY 2024-2025

Transmission Lines in CKM 2024-25
(Upto Mar 25)

■ Target ■ Achivement

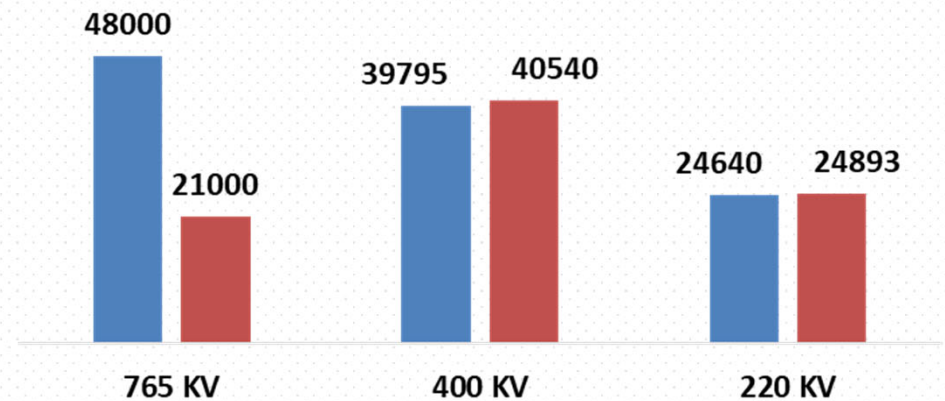


Transmission Lines:

8,830 achieved up to Mar 25 against annual target of 15,253 CKM of FY25 (58%)

Substation in MVA 2024-25
(Upto Mar 25)

■ Target ■ Achivement



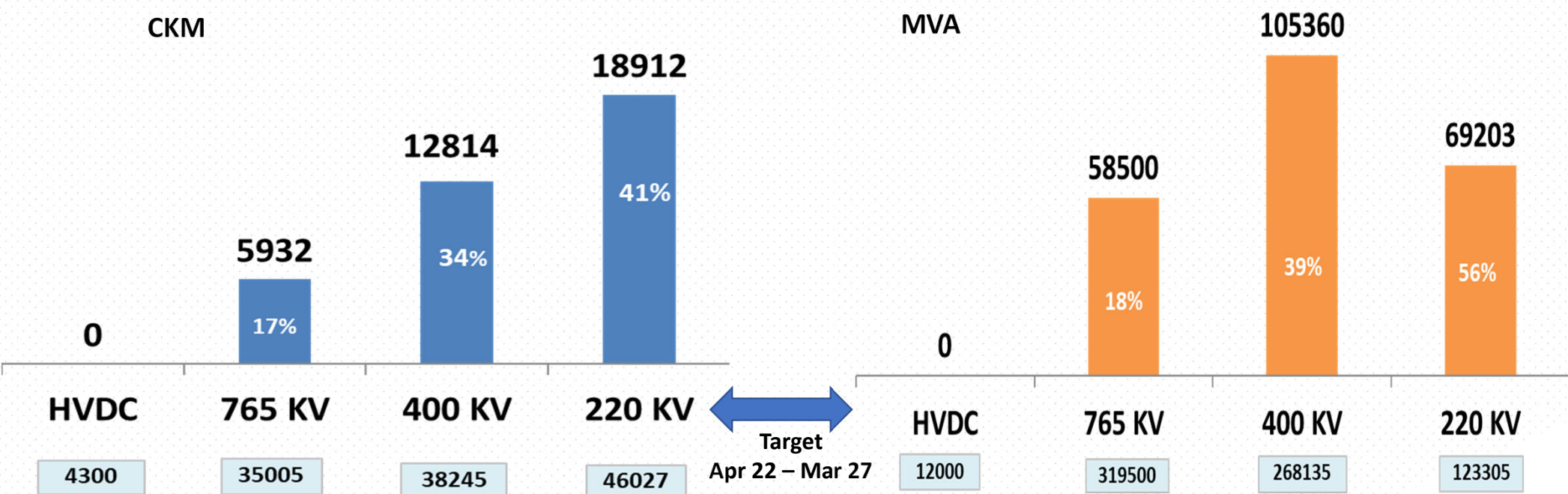
Transformation Capacity (Sub-Stations):

86,433 MVA achieved up to Mar 25 against annual target of 1,12,435 MVA of FY25 (77%)

Source CEA

ieema
your link to electricity

Status of Transmission & Substation: Target of 5 years FY22 – FY27 vs Achievement during past 3 years (FY22-23 to FY24-25)

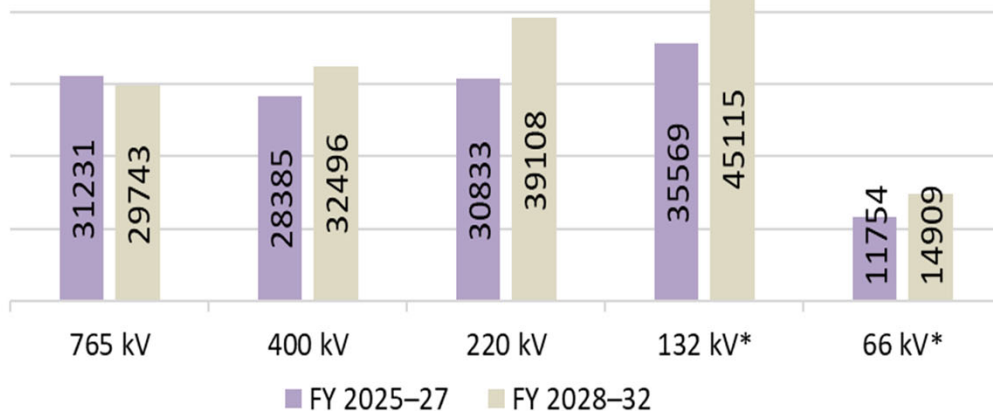


More than 50% of the set target by FY 27 is to be achieved in next 2 years

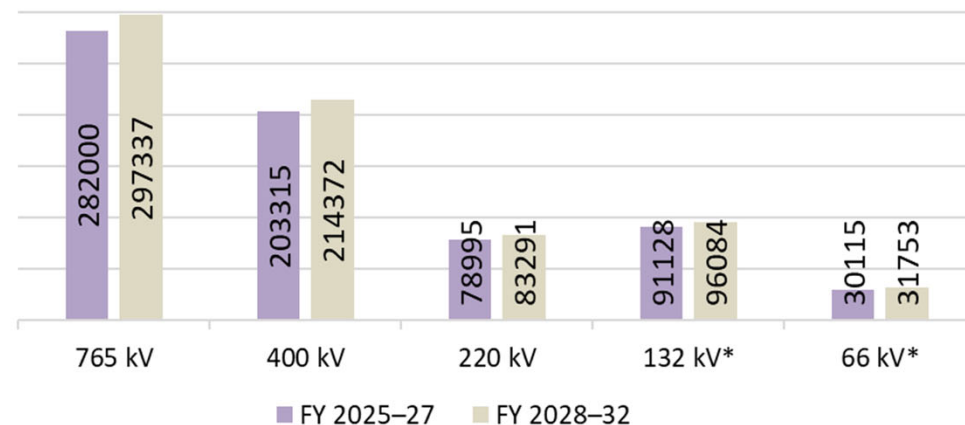
Source CEA

Total Transmission Line capacity to be added 1,37,772 Ckm by FY27

Revised AC Transmission Line Capacity Addition Plan (C.km)

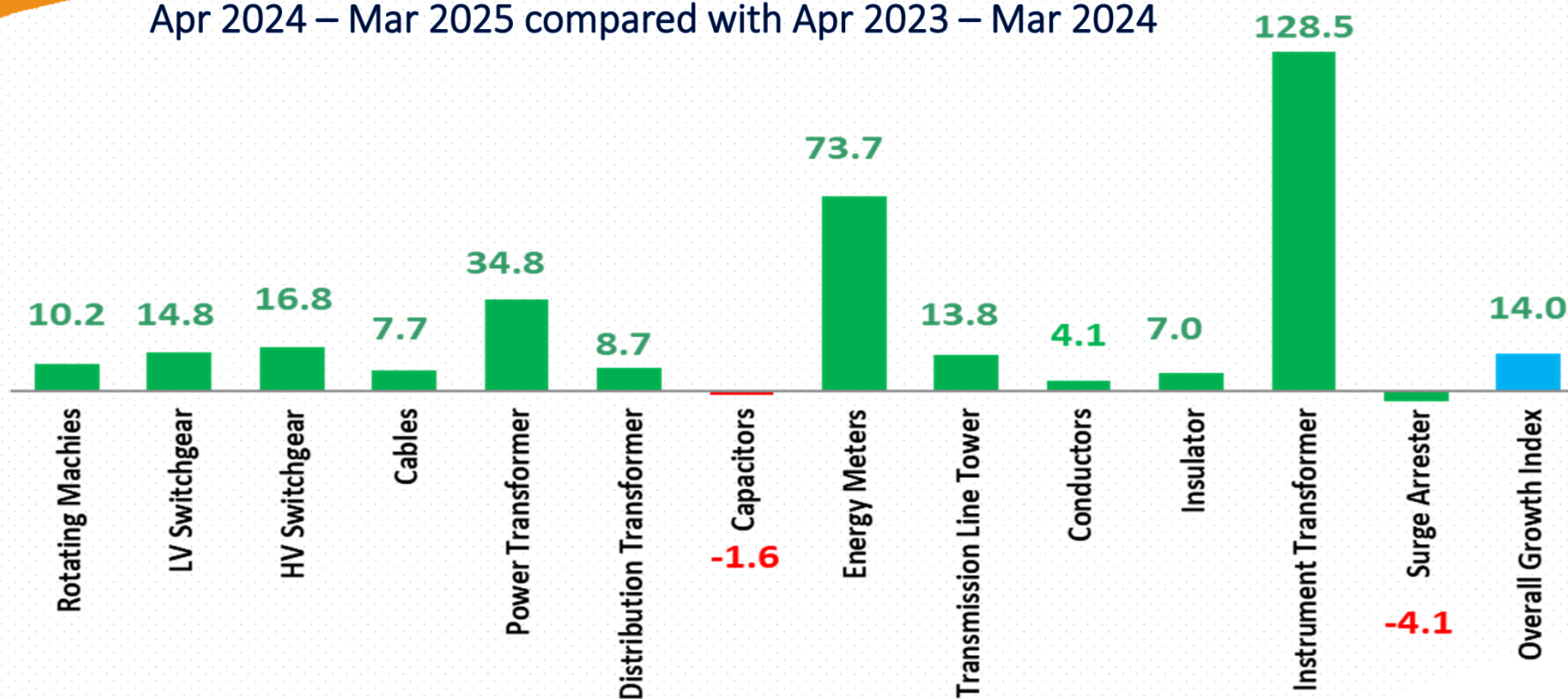


Revised Substation Capacity Addition Plan (MVA)



Total Substation capacity to be added 6,85,553 MVA by FY27

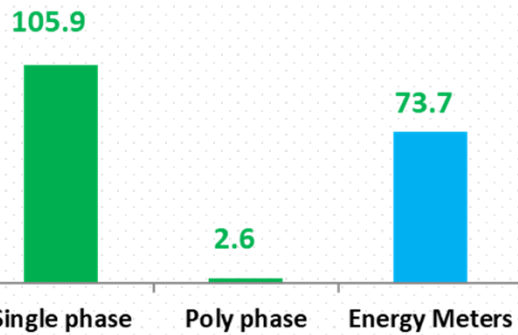
Growth Index for Electrical Equipment industry
Apr 2024 – Mar 2025 compared with Apr 2023 – Mar 2024



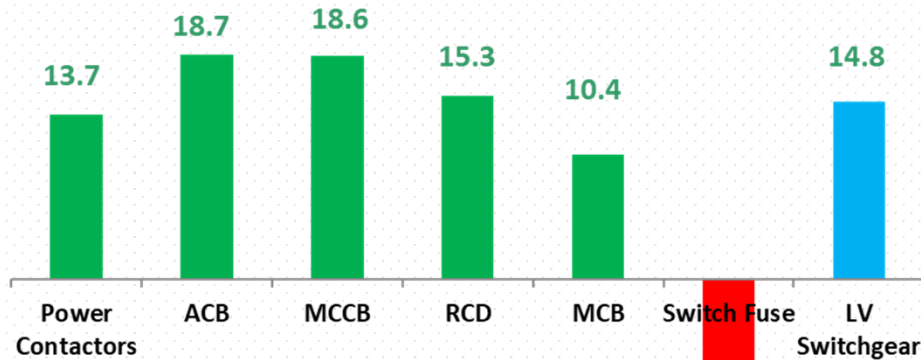
- MV, HV segments shown growth for most of the products
- Increase for Smart Meters, New tech conductors showing growth & increase in share in total production
- Current TRF indoor shown huge growth over last year

Sector wise break-up of % Growth Index Apr 2024 – Mar 2025 over Apr 2023 – Mar 2024

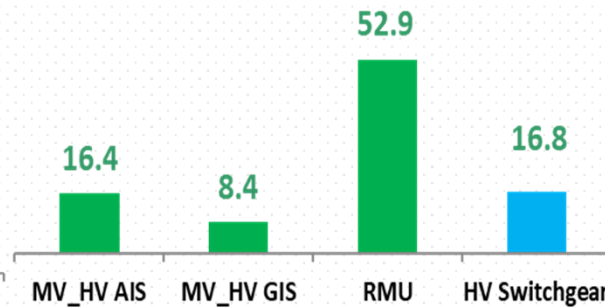
Energy Meters



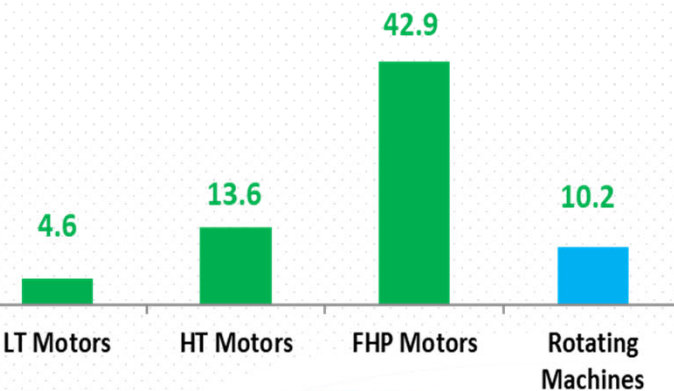
LV Switchgear



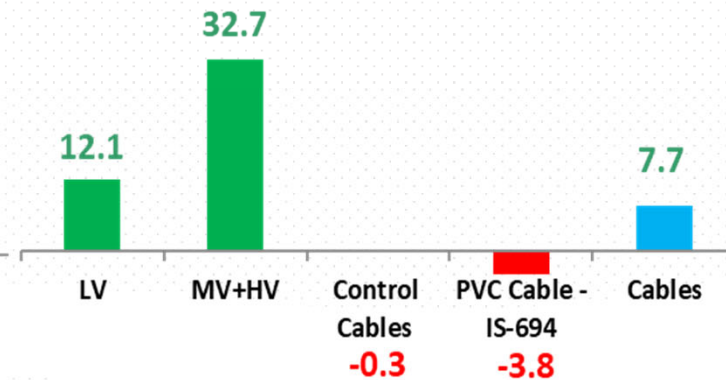
MV-HV Switchgear



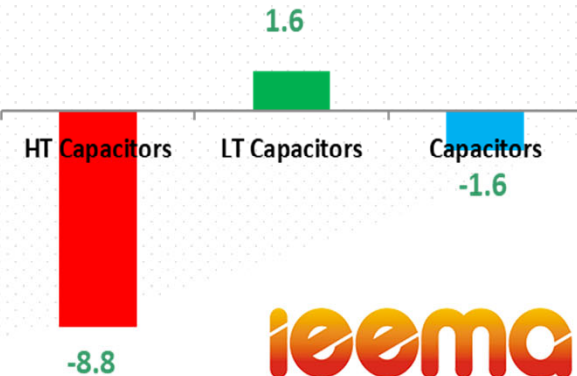
Rotating Machines



Cable



Capacitor



Detailed Growth Index for Electrical Equipment Industry

Product Category	Apr - Mar 25 compared to Apr - Mar 24	Product Category	Apr - Mar 25 compared to Apr - Mar 24
L.T. Motors	4.6	HT Circuit Breakers - AIS	16.4
FHP Motors	42.9	MV_HV GIS	8.4
H.T. Motors	13.6	RMU	52.9
D.C. Machine	-8.5	HV SWGR	16.8
Rotating Machines	10.2	Power Contactors	13.7
Power Cables: LV	12.1	ACB	18.7
Power Cables: MV+HV	32.7	MCCB	18.6
Control Cables & other Special Purpose Cables	-0.3	RCD	15.3
PVC Cable - IS-694	-3.8	MCB	10.4
Cable	7.7	SDF	-9.4
Distribution Transformer	8.7	LVSWGR	14.8
Power Transformer	34.8	Switchgear	15.1
Transformer	20.4	Current Transformer	178.8
Single phase	105.9	Voltage Transformer	7.5
Poly phase	2.6	Instrument Transformer	128.5
Meter	73.7	Polymer	5.2
Conductors	4.1	Porcelain	-26.8
Transmission Line Towers	13.8	Surge Arrester	-4.1
Transmission Lines	8.6	Porcelain	-1.3
HT Capacitor	-8.8	Composite	28.6
LT Capacitor	1.6	Insulator	7.0
Capacitor	-1.6		

**Overall Electrical
Equipment Industry
Growth Index**



Apr - Mar 25
compared to
Apr - Mar 24
14.0

Quarterly Growth Index for Electrical Equipment Industry

Product	Q1 FY 24 compared to Q1 FY 23	Q2 FY 24 compared to Q2 FY 23	Q3 FY 24 compared to Q3 FY 23	Q4 FY 24 compared to Q4 FY 23	Q1 FY 25 compared to Q1 FY 24	Q2 FY 25 compared to Q2 FY 24	Q3 FY 25 compared to Q3 FY 24	Q4 FY 25 compared to Q4 FY 24
Rotating Machines	-4.9	3.0	4.1	15.3	10.1	17.9	10.0	5.6
LV Switchgear	8.7	15.1	22.2	10.7	15.9	5.4	23.2	15.6
HV Switchgear	20.9	14.1	34.1	50.4	36.8	27.8	26.8	-0.3
Cables	24.0	23.0	21.3	26.1	14.2	6.9	11.6	-1.2
Power Transformers	-3.4	18.3	13.8	25.6	53.8	23.6	38.0	32.9
Dist Transformers	60.3	55.5	14.8	35.1	33.3	14.7	10.5	17.6
Capacitors	10.5	-5.7	37.8	10.1	-7.5	11.3	-9.5	3.0
Energy Meters	44.8	18.0	-12.9	16.7	13.1	1.6	22.1	44.6
Transmission Lines	33.8	12.5	8.2	20.7	34.3	31.5	6.6	3.7
Conductors	-4.2	-33.1	-29.9	-1.0	5.1	-11.0	9.2	11.4
Insulators	17.8	20.3	16.9	4.6	27.6	12.0	2.9	10.9
Electrical Equipment Industry Growth Index	18.0	16.0	13.9	21.0	21.6	12.7	16.7	10.2

Most of the product seen growth QOQ, except for HV SWGR (stagnant) and Cables
Slowdown for LV SWGR, Motors and Capacitors

Import and Export data

ITC codes	Product Groups	Apr - Mar FY 2024-25		Apr - Mar FY 2023-24		April - Mar FY 25 Vs FY 24		Domestic % Growth April - Mar FY 25 Vs FY 24
		Import	Export	Import	Export	Import	Export	
		Value in Rs. Crores		Value in Rs. Crores		% Variation		
8501 excl. 850110 & 20	Motors & AC Generators	9013	6015	7787	4899	16	23	10.2
850423	Power TRF	444	1260	71	1090	525	16	34.8
850421-22, 850433-34	Distribution TRF	1101	4130	968	3998	14	3	8.7
853210	Capacitors	303	493	557	431	-46	14	(-) 1.6
8535, 853720	HV SWGR incl. Panels	3308	3926	1851	3053	79	29	16.8
8536, 853710	LT Switchgears incl Panels	21914	17150	18738	13925	17	23	14.8
854442/49/60	Cables - LV & HV	2446	9236	2158	8005	13	15	7.7
902830	Energy Meters	82	611	59	375	39	63	73.7
73082011/19	Tr. Line Towers	20	3679	33	3690	-39	0	13.8
7604 & 7614	Conductors	1076	4473	945	5881	14	-24	4.1

- Import – top countries - China, Germany, Singapore, Korea
- Rs. 349 Crs. Import of Above 100 MVA TRF (Rs. 242 Crs. From China)
- Export – top countries - USA, Germany, UAE, UK

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