Year wise Transformers demand upto 2029-30

Year	765 kV	400 kV						220 kV				Total number of Transformer	Total Capcacity in MVA
Type of Transformer	Single Phase	Single Phase	Single Phase	Three Phase	Three Phase	Three Phase	Total	Three Phase	Three Phase	Three Phase	Total		
Rating in MVA	500	167	105	500	315	200		200	160	100			
% Share assumed	100	2	1	15	80	2	100	10	80	10	100		
2023-24	107	5	4	13	113	4	139	10	104	21	135	381	118390
2024-25	107	5	4	13	113	4	139	10	104	21	135	381	118390
2025-26	107	5	4	13	113	4	139	10	104	21	135	381	118390
2026-27	107	5	4	13	113	4	139	10	104	21	135	381	118390
2027-28	107	5	4	13	113	4	139	10	104	21	135	381	118390
2028-29	107	5	4	13	113	4	139	10	104	21	135	381	118390
2029-30	107	5	4	13	113	4	139	10	104	21	135	381	118390

Additionally, the HVDC projects require at least 40 GVA of converter transformer capacity by 2030.

Year wise Reactors demand upto 2029-30

Year	765 kV			400 kV					Total number of Reactors	Total MVAR Capacity
Type of Transformer	Single Phase	Single Phase	Total	Three Phase	Three Phase	Three Phase	Three Phase	Total		
Rating in MVA	110	80	100	125	80	63	50			
% Share assumed	50	50	100	50	45	4	1	100		
2023-24	64	87	151	17	23	3	1	44	195	18204
2024-25	64	87	151	17	23	3	1	44	195	18204
2025-26	64	87	151	17	23	3	1	44	195	18204
2026-27	64	87	151	17	23	3	1	44	195	18204
2027-28	64	87	151	17	23	3	1	44	195	18204
2028-29	64	87	151	17	23	3	1	44	195	18204
2029-30	64	87	151	17	23	3	1	44	195	18204