

Circle / Division	Sl. No.	S/S Name	kV Level	Year of Comm.	Details of S/S Capacity (MVA)	ICT Capacity (MVA)	Auto Capacity (MVA)	Power Capacity (MVA)	Total Capacity (MVA)	Grid Loading	Grid Substation	Grid Loading
Circle : Berhampur												
Division : Berhampur												
	1	Berhampur	132/33 kV	1964	2x40+1x20 MVA, 132/33 kV			100	100	55.38%	Berhampur	52.61
	2	Digapahandi	132/33 kV	2004	2x20+1x12.5 MVA, 132/33 kV			52.5	52.5	76.79%	Digapahandi	38.30
	3	Mohana	132/33 kV	1973	2x12.5 MVA, 132/33 kV			25	25	33.21%	Mohana	7.89
	4	Narendrapur	220/132/33 kV	1999	2x160 +1x100MVA, 220/132 kV 2x40+1x20 MVA, 132/33 kV		420	100	520	37.36%(POWER) 66%(AUTO)	Narendrapur (Auto)	253
											Narendrapur	39.93
Circle : Berhampur												
Division : Bhanjanagar												
	5	Aska	132/33 kV	1975	3x40, 132/33 kV			120	120	53.04%	Aska	60.47
	6	Bhanjanagar	220/132/33 kV	1984	2x160 MVA, 220/132 kV 2x40+1x16 MVA, 132/33 kV		320	96	416	64%(AUTO) 37.31%(POWER)	Bhanjanagar Auto	204.80
											Bhanjanagar Power	34.02
	7	Phulbani	132/33 kV	1986	1x40+2x12.5 MVA, 132/33 kV			65	65	48.88%	Phulbani	30.18
Circle : Berhampur												
Division : Chhatrapur												
	8	Balugaon	132/33 kV	1991	1x40+1x20+1x12.5 MVA, 132/33 kV			72.5	72.5	50.53%	Balugaon	34.80
	9	Chhatrapur	132/33 kV	1982	3x20 MVA, 132/33 kV			60	60	56.66%	Chhatrapur	32.30
	10	Ganjam	132/33 kV	1967	2x12.5 MVA, 132/33 kV			25	25	Major Renovation Work	Ganjam	2.37
	11	Purusottampur	132/33 kV	2013	2x12.5MVA, 132/33 kV			25	25	71.97%	Purusottampur	17.09
Circle : Burla												
Division : Bolangir												
	12	ACME	132 kV	2015	132 kV Switching Station			0	0			
	13	Bargarh	132/33 kV	1979	3x40 MVA, 132/33 kV			120	120	65.31%	Bargarh	74.45
	14	Barpali	132/33 kV	2010	1x40+1x20 MVA, 132/33 kV			60	60	70.38%	Barpali	40.12
	15	Bolangir	132/33 kV	1981	2x40 +1x12.5 MVA, 132/33 kV			92.5	92.5	73.68%	Bolangir	64.75
	16	Boudh	132/33 kV	2015	2x20 MVA, 132/33 kV			40	40	25.26%	Boudh	9.60
	17	New Bolangir	220/132/33 kV	2010	2x160 MVA, 220/132 kV 1x12.5 MVA, 132/33 kV		320	12.5	332.5	87.04%(AUTO)	New Bolangir	278.56
											New Bolangir Power	
	18	Padampur	132/33 kV	2016	2x20 MVA, 132/33 kV			40	40		Padampur	16.20
	19	Patnagarh	132/33 kV	2001	1x40+2x20 MVA, 132/33 kV			80	80	36.69%	Patnagarh	27.88
	20	Sonepur	132/33 kV	2001	3x20 MVA, 132/33 kV			60	60	78.18%	Sonepur	44.56
	21	Tusura	132/33 kV	2017	1x20 MVA, 132/33 kV			20	20	56.63%	Tusura	5.3
Circle : Burla												
Division : Burla												
	22	Aryan-Viraj	132 kV	2009	132 kV Switching Station							
	23	Katapali	220/132/33 kV	2007 (220kV) 2004 (132kV)	1x160+2x100 MVA, 220/132 kV 1x40+2x20 MVA, 132/33 kV		360	80	440	57.77%(AUTO) 52.76%	Katapali Auto	207.972
											Katapali	40.10
	24	Lapanga	220/132/33 kV	2014	2x160 MVA, 220/132 kV 1x20 MVA, 132/33 kV		320	20	340	Idle charged	Lapanga Auto	60.00
											Lapanga	1.12
	25	Rairakhole	132/33 kV	2001	2x12.5 MVA, 132/33 kV			25	25	51.04%	Rairakhole	12.12
	26	Sambalpur	132/33 kV	1988	1x40+2x31.5 MVA, 132/33 kV			103	103	85.45%	Sambalpur	83.61
	27	Shyam DRI	132 kV	2006	132 kV Switching Station							
Circle : Burla												
Division : Jharsuguda												
	28	Brajarajnaragar	132/33/11 kV	1969	1X40+3x20 MVA, 132/33 kV 1x12.5 MVA, 132/11 kV			112.5	112.5	48.06%	Brajarajnaragar	51.36
	29	Budhipadar	220/132/33 kV	1995	2x160 MVA, 220/132 kV 1x20+1x12.5 MVA, 132/33 kV		320	32.5	352.5	85.51% 87.46%(AUTO)	Budhipadar Auto	
											Budhipadar	12.54

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	30	Jharsuguda	132/33/11 kV	1958	2X40 MVA, 132/33 kV 1x20+1x12.5 MVA, 132/11 kV			112.5	112.5	25.49%	Jharsuguda	27.24
	31	Kuchinda	132/33kV	2013	2x20 MVA, 132/33kV			40	40	52.54%	Kuchinda	19.97
	32	SMC Power	132 kV	2013	132 kV Switching Station							
Circle : Burla												
Division : Rajgangpur	33	Rajgangpur	132/33 kV	1973	3x40 MVA, 132/33 kV			120	120	49.23%	Rajgangpur	56.12
	34	Sundargarh	132/33 kV	2003	1x40+2x20 MVA, 132/33 kV			80	80	35.12%	Sundargarh	26.69
Circle : Burla												
Division : Rourkela	35	Barkote	220/33 kV	2001	2x40 MVA, 220/33 kV			80	80	34.38%	Barkote	26.13
	36	Bonai	220/33 kV	2017	2x20 MVA, 220/33 kV			40	40	78.42%	Bonai	14.90
	37	Chhend	132/33 kV	1999	3x40 MVA, 132/33 kV			120	120	67.49%	Chhend	76.94
	38	Kalunga	132/33 kV	2015	2X40 MVA, 132/33 kV			80	80		Kalunga	18.00
	39	Rourkela	132/33/25 kV	1958	4x35 MVA, 132/33 kV 1x12.5 MVA, 132/25 kV			152.5	152.5	33.35%	Rourkela	48.32
	40	Shree Ganesh Metaliks	132 kV	2011	132 kV Switching Station							
	41	Tarkera	220/132 kV	1981	4x100 MVA, 220/132 kV		400		400	78.67%(AUTO)	Tarkera Auto	314.68
Circle : Chainpal												
Division : Chainpal	42	Angul	132/33 kV	1996	2x40+1x20 MVA, 132/33 kV			100	100	36.50%	Angul	34.67
	43	Boinda	132/33 kV	2003	1x20+2x12.5 MVA, 132/33 kV			45	45	50.33%	Boinda	21.52
	44	Chainpal	132/33 kV	1972	2x40+1x20 MVA, 132/33 kV			100	100	56.38%	Chainpal	53.56
	45	OPCL	132 kV	2009	132 kV Switching Station							
	46	Rengali	220/33 kV	1997	2x20 MVA, 220/33 kV			40	40	51.98%	Rengali	19.75
Division : Dhenkanal	47	Dhenkanal	132/33 kV	1982	3x40 MVA, 132/33 kV			120	120	53.78%	Dhenkanal	61.31
	48	Kalarangi	132/33 kV	1998	1x20+2x12.5 MVA, 132/33 kV			45	45	43.98%	Kalarangi	18.80
	49	Kamakhyanagar	132/33 kV	1999	1x20+2x12.5 MVA, 132/33 kV			45	45	48.05%	Kamakhyanagar	20.54
	50	Khajuriakata	132/33 kV	2017	2x20 MVA, 132/33 kV			40	40			
	51	Kharagprasad	132 kV	2007	132 kV Switching Station							
Circle : Chainpal												
Division : Meramundali	52	Meramundali	400/220/132/33 kV	2005 (400kV)	2x315 MVA, 400/220 kV 3x100 MVA, 220/132 kV 1x12.5 MVA, 132/33 kV	630	300	12.5	942.5	70.73%(ICT) 45%(AUTO)	Meramundali ICT	445.599
				2002 (220kV)						10.00%	Meramundali Auto	135
											Meramundali Power	1.25
Circle : Cuttack												
Division : Bhubaneswar	53	Bhubaneswar	132/33 kV	1979	3x63 MVA, 132/33 kV			189	189	59.73%	Bhubaneswar	107.24
	54	Bhubaneswar Power	132 kV	2016	132 kV Switching Station							
	55	Chandaka	220/132/33 kV	1989	2x160+2x100 MVA, 220/132 kV 3x63 MVA, 132/33 kV		520	189	709	80.22%(POWER) 74.20%(AUTO)	Chandaka Auto	417.144
											Chandaka	126.51
	56	Chandaka-B	220/132/33 kV	1989	2x160, 220/132 kV 2x40 MVA, 132/33 kV		320	80	400			
	57	Kesura	132/33 kV	2010	2x63 MVA, 132/33 kV			126	126	36.19%	Kesura	43.33
	58	Ranasinghpur	132/33 kV	1997	3x63 MVA, 132/33 kV			189	189	54.22%	Ranasinghpur	97.36
Circle : Cuttack												
Division : Choudwar	59	Arati Steels	132 kV	2005	132 kV Switching Station							
	60	Choudwar	132/33 kV	1956	3x40 MVA, 132/33 kV			120	120	60.80%	Choudwar	57.76
	61	ICCL	132 kV	1988	132 kV Switching Station							

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	62	Grid Steel	132 kV	2015	132 kV Switching Station							
	63	Mania	132/33 kV	2016	1x12.5 MVA, 132/33 kV			12.5	12.5		Mania	10.30
	64	Nuapatna	132/33 kV	1994	1x40+1x20+1x12.5 MVA, 132/33 kV			72.5	72.5	61.71%	Nuapatna	42.50
	65	OCL	132 kV	2008	132 kV Switching Station							
	66	Rawmet Ferrous	132 kV	2006	132 kV Switching Station							
	67	Salipur	132/33 kV	2006	2x20+1x12.5 MVA, 132/33 kV			52.5	52.5	62.64%	Salipur	31.24
Circle : Cuttack												
Division : Cuttack	68	Bidanasi	220/132/33 kV	2004 (220kV) 1993 (132kV)	1x160+2x100 MVA, 220/132 kV 2x63+1x40 MVA, 132/33 kV		360	166	526	61.37%(AUTO) 56.72%	Bidanasi Auto Bidanasi	220.932 89.45
	69	Cuttack	220/132/33 kV	1984	1X160 MVA, 220/132 kV 3x40 MVA, 132/33 kV		160	120	280	55.20%	Cuttack	62.93
	70	Jagatsinghpur	132/33 kV	1996	1x40+2x20 MVA, 132/33 kV			80	80	49.20%	Jagatsinghpur	37.39
	71	Phulnakhara	132/33 kV	2009	1x40+2x20 MVA, 132/33 kV			80	80	61.13%	Phulnakhara	23.23
Circle : Cuttack												
Division : Khurda	72	Argul	132/33 kV	2014	2x40+1x20 MVA, 132/33 kV			100	100		Argul	3.39
	73	Atri	220/132/33 kV	2016	2x160 MVA, 220/132 kV 2x20 MVA, 132/33 kV		320	40	360		Atri Auto	90
											Atri Power	0
	74	Banki	132/33 kV	2015	2x20 MVA, 132/33 kV			40	40	31.64%	Banki	12.02
	75	Chandpur	132/33 kV	2013	2x12.5MVA, 132/33 kV			25	25	48.63%	Chandpur	11.55
	76	Infocity-II	220/33 kV	2016	2x40 MVA, 220/33 kV			80	80		Infocity-II	0
	77	Khurda	132/33 kV	1969	4x40 MVA, 132/33 kV			160	160	52.68%	Khurda	80.07
	78	Nayagarh	220/33 kV	1993	2x40+1x20 MVA, 220/33 kV			100	100	58.35%	Nayagarh	55.43
Circle : Cuttack												
Division : Mendhasal	79	Mendhasal	400/220 kV	2010 (400kV) 2008 (220kV)	2x315 MVA, 400/220 kV 2x100 MVA, 220/132 kV 1x20, 220/33kV	630	200	20	850	84.25%(ICT) 95.71%	Mendhasal ICT Mendhasal Auto Mendhasal	530.775 45 18.18
Circle : Cuttack												
Division : Paradeep	80	Chandikhole	132/33 kV	2003	3x20 MVA, 132/33 kV			60	60	61.30%	Chandikhole	34.94
	81	Kendrapara	132/33 kV	1979	2x40+1x12.5 MVA, 132/33 kV			92.5	92.5	37.04%	Kendrapara	32.55
	82	Marshaghai	132/33 kV	2015	2x20 MVA, 132/33 kV			40	40		Marshaghai	16.86
	83	Olavar	132/33 kV	2017	2x12.5 MVA, 132/33 kV			25	25		Olavar	10.00
	84	Paradeep	220/132/33 kV	2009 (220kV) 1981 (132kV)	1x160+1x100+1x50 MVA, 220/132 kV 3x20 MVA, 132/33 kV		310	60	370	73.45%(AUTO) 80.41%	Paradeep Auto Paradeep	227.695 32.41
	85	Pattamundai	132/33 kV	1997	2x20+1x12.5 MVA, 132/33 kV			52.5	52.5	66.67%	Pattamundai	33.25
Circle : Cuttack												
Division : Puri	86	Nimapara	132/33 kV	1996	3x40 MVA, 132/33 kV			120	120	50.11%	Nimapara	44.04
	87	Konark	132/33 kV	2015	2x20 MVA, 132/33 kV			40	40	31.29%	Konark	11.89
	88	Puri	132/33 kV	1984	3x40 MVA, 132/33 kV			120	120	57.32%	Puri	65.35
	89	Samagara	220/132/33 kV	2015	2x160 MVA, 220/132 kV 2x20 MVA, 132/33 kV		320	40	360	65.23%	Samagara Auto	80
											Samagara	24.79
	90	Shamuka	132/33 kV	2015	2x31.5 MVA, 132/33 kV			63	63	60.95%	Shamuka	36.48
Circle : Jajpur Road												
Division : Balasore	91	Balasore	220/132/33 kV	1996 (220kV) 1981 (132kV)	3x160 MVA, 220/132 kV 2x63+1x40 MVA, 132/33 kV		480	166	646	86%(AUTO) 54.45%	Balasore Auto Balasore	412.8 85.86
	92	Basta	132/33 kV	2010	1x20+1x12.5 MVA, 132/33 kV			32.5	32.5	68.18%	Basta	21.05

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	93	Bhadrak	220/132/33 kV	2008 (220kV) 1983 (132kV)	1x160,2x100 MVA, 220/132 kV 2x63+1x40 MVA, 132/33 kV		360	166	526	82%(AUTO) 53.71%	Bhadrak Auto Bhadrak	295.2 84.71
	94	Bhogarai	132/33 kV	2017	1x40 MVA, 132/33 kV			40	40			
	95	Jaleswar	132/33 kV	1991	2x31.5+1x12.5 MVA, 132/33 kV			75.5	75.5	50.94%	Jaleswar	36.53
	96	Somanathpur	132/33 kV	2011	1x12.5 MVA, 132/33 kV			12.5	12.5	25.80%	Somanathpur	3.06
	97	Soro	132/33 kV	1997	1x40+2x20 MVA, 132/33 kV			80	80	65.28%	Soro	49.61
Circle : Jajpur Road												
Division : Baripada												
	98	Bangiriposi	132/33 kV	2016	2x12.5 MVA, 132/33 kV			25	25	17.08%	Bangiriposi	4.06
	99	Baripada	132/33 kV	1984	3x40 MVA, 132/33 kV			120	120	63.31%	Baripada	72.18
	100	Karanjia	132/33 kV	2009	1x20+2x12.5 MVA, 132/33 kV			45	45	45.24%	Karanjia	19.34
	101	Rairangpur	132/33 kV	1981	2x20+1x12.5 MVA, 132/33 kV			52.5	52.5	48.46%	Rairangpur	24.17
Circle : Jajpur Road												
Division : Duburi												
	102	New Duburi	400/220/33 kV	2005	2x315 MVA, 400/220kV 1x20 MVA, 220/33 kV	630		20	650		New Duburi ICT New Duburi Power	300 0
Circle : Jajpur Road												
Division : Jajpur Road												
	103	Anandpur	132/33 kV	2010	1x20+2x12.5 MVA, 132/33 kV			45	45	49.77%	Anandpur	21.28
	104	Brahmani River Pellets Ltd.	132 kV	2011	132 kV Switching Station							
	105	B C Mohanty and Sons	132kV	2013	133 kV Switching Station							
	106	Duburi	220/132/33 kV	1989	3x100 MVA, 220/132 kV 2x40 MVA, 220/33 kV 1x5 MVA, 132/33 kV		300	85	385	43.36%(AUTO) 63.2%	Duburi Auto Duburi	150.12 22.21
	107	Jabamayee Ferro Alloys	132 kV	2008	132 kV Switching Station							
	108	Jajpur Road	132/33 kV	1969	3x40 MVA, 132/33 kV			120	120	45.47%	Jajpur Road	51.83
	109	Jajpur Town	132/33 kV	1998	2x40+1x20 MVA, 132/33 kV			100	100	55.19%	Jajpur Town	52.43
Circle : Jajpur Road												
Division : Joda												
	110	Arya Iron	132 kV	2008	132 kV Switching Station							
	111	Bee Kay Steel	132 kV	2010	132 kV Switching Station							
	112	Barbil	132/33kV	2014	2x12.5MVA, 132/33kV			25	25	53.09%	Barbil	12.61
	113	Bolani	132/11 kV	1995	132 kV Switching Station			0	0			
	114	Joda	220/132/33 kV	1959	3x100 MVA, 220/132 kV 1x40+3x20 MVA, 132/33 kV		300	100	400	30.37%	Joda Auto Joda	160 28.85
	115	Palasponga	132/33 kV	1981	1x40+2x20 MVA, 132/33 kV			80	80	57.89%	Palasponga	44.00
Circle : Jeypore												
Division : Jayanagar												
	116	Balimela	220/33 kV	2007	1x40 +1x20 MVA, 220/33 kV			60	60	25.90%	Balimela	14.77
	117	Dabugaon	132/33 kV	2015	2x12.5 MVA, 132/33 kV			25	25	35.10%	Dabugaon	8.34
	118	Jayanagar	220/132/33 kV	1980	2x160 MVA, 220/132 kV 2x20+1x12.5 MVA, 132/33 kV		320	52.5	372.5	50.93%(AUTO) 67.21%	Jayanagar Auto Jayanagar	162.976 33.52
	119	Malkangiri	220/33 kV	2017	1x40 MVA, 220/33 kV			40	40	39.26%	Malkangiri	14.92
	120	Sunabeda	132/33 kV	1964	1x20+2x12.5 MVA, 132/33 kV			45	45	68.87%	Sunabeda	29.44
	121	Tentulikhunti	132/33 kV	1986	1x20+2x12.5 MVA, 132/33 kV			45	45	36.36%	Tentulikhunti	15.54
	122	Umerkote	132/33 kV	2015	2x20 MVA, 132/33 kV			40	40	22.80%	Umerkote	8.66

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Circle : Jeypore												
Division : Kesinga	123	Bhawanipatna	132/33 kV	2013	2x12.5 MVA, 132/33 kV			25	25	62.50%	Bhawanipatna	14.84
	124	Junagarh	132/33 kV	2001	3x20 MVA, 132/33 kV			60	60	49.95%	Junagarh	28.47
	125	Kesinga	132/33 kV	1982	1x40+2x20 MVA, 132/33 kV			80	80	59.22%	Kesinga	45.01
	126	Khariar	132/33 kV	1995	2x40 MVA, 132/33 kV			80	80	48.88%	Khariar	37.15
	127	Nuapara	132/33 kV	2014	2x20 MVA, 132/33 kV			40	40	26.36%	Nuapara	10.02
	128	Saintala	132/33 kV	1989	1x12.5+1x10 MVA, 132/33 kV			22.5	22.5			
	129	Vedant Alumina	132 kV	2006	132 kV Switching Station							
Circle : Jeypore												
Division : Therubali	130	Akhusingh	132/33 kV	2001	2x12.5 MVA, 132/33 kV			25	25	52.38%	Akhusingh	12.44
	131	Muniguda	132/33 kV	2017	1x12.5 MVA, 132/33 kV			12.5	12.5			
	132	Laxmipur	220/33kV	2013	1x20MVA, 220/33kV			20	20	45.81%	Laxmipur	8.70
	133	Paralakhemundi	132/33 kV	2001	3x12.5 MVA, 132/33 kV			37.5	37.5	53.25%	Paralakhemundi	18.97
	134	Rayagada	132/33 kV	1962	2x12.5 MVA, 132/33 kV			25	25	68.83%	Rayagada	16.35
	135	Therubali	220/132/33 kV	1974	2x100 MVA, 220/132 kV 2x12.5 MVA, 132/33 kV		200	25	225	86%(AUTO) 62.07%	Therubali Auto	163.48
											Therubali	14.74
						1890.0	7230.0	7916.0	17036.0			8753.2