



EOI No.: TPCODL/P&S/1000000494/24-25/EOI

KUSUM-C2 LIST of 33/11KV Substations

Sl. No.	Name of the PSS	Name of the Section	No of feeders	Name of the feeders	No of active pump consumers	Total pump load (kW)	Approx. Annual consumption for pumping (kWh)	Capacity eligible for CFA @19% CUF(kW)	Approx. corresponding DC of solar Power plant (MW)	Approx. Land requirement (Acre)
TPCODL										
1	Anandpur	Boinda	4	Ghodabandhuni	13	48	135432	81	0.09	0.4
				Krutibaspur	14	37	104069	63	0.07	0.3
				Kutulsingha	39	140	397742	239	0.27	1
				Thakurgarh	45	154	439085	264	0.3	1
				Sub total	111	379	1076328	647	0.74	3
2	Boinda	Boinda	6	Boinda Local	5	10	28512	17	0.02	0.08
				Handapa	68	166	471874	284	0.32	1.29
				Jamunali	42	98	277992	167	0.19	0.76
				Luhamundi	61	166	471874	284	0.32	1.29
				Paiksahi	29	68	192456	116	0.13	0.53
				Sanahulla	36	101	286546	172	0.2	0.79
				Sub total	241	609	1729254	1039	1.2	4.74
3	Chendipada	Chendipada	5	Chendipada	2	5	14256	9	0.01	0.04
				Bahalasahi	120	400	1140480	685	0.78	3.12
				Dubanali	225	671	1913155	1149	1.31	5.24
				Bagedia	69	242	689990	415	0.47	1.89
				Pipalbahal	30	118	336442	202	0.23	0.92
				Sub total	446	1436	4094323	2460	2.8	11.22
4	RCMS	Banatala	1	RE2	81	415	1184246	712	0.81	3.24



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				Sub total	81	415	1184246	712	0.81	3.24
	TPCODL Total		16		879	2839	8084151	4858	5.55	22.2
TPSODL										
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1	PANDIA	ESO TARATARINI	1	PANDIA	143	440	1284800	772	0.88	4
2	PADMAPUR (LAUGUDA)	ESO PADMAPUR	1	GUDIABANDHA	35	141	411720	247	0.28	1
3	GUDARI	ESO GUDARI	1	MK RAI	83	325	949000	570	0.65	3
4	BAGDERI	ESO KUNDRA	1	DANGARAPAU S I	134	485	1416200	851	0.97	4
5	MV 79	ESO KALIMELA	1	MOTU	116	450	1314000	789	0.9	4
6	SANAMASIGAON	ESO NABARANGPUR RURAL	1	BADAMASIGAO N	57	285	832200	500	0.57	2
7	RAIGHAR	ESO RAIGHAR	1	KUNDAI	77	385	1124200	675	0.77	3
8	CHUTIAGUDA	ESO NABARANGPUR RURAL	1	JAMUGUDA	40	200	584000	351	0.4	2
9	KOSAGUMUDA	ESO KOSAGUMUDA	1	KOSAGUMUDA TOWN	44	220	642400	386	0.44	2



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10	MANAMUNDA	ESO MANAMUNDA	1	DAPALA	223	728	2125760	1277	1.46	6
11	ASURABANDHA	ESO SORODA	1	ASURABANDHA	39	139	405880	244	0.28	1
12	HINJILICUT	ESO HINJILICUT	1	PUTIAPDAR	84	289	843880	507	0.58	2
13	PODINGI	ESO PITALA	1	BURUPADA	51	140	408800	246	0.28	1
14	BUGUDA	ESO BUGUDA	1	KARCHULLI	106	375	1095000	658	0.75	3
15	BAULAGAON	ESO CHHATRAPUR-II	1	BADAMADHAPUR	32	122	356240	214	0.24	1
TPSODL Total			15		1264	4724	13794080	8287	9.45	39
TPWODL										
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1	Tusura	Tusura	6		829	3269.5	4021488	2416	2.75	11
2	KHAPARAKHOL	KHAPARAKHOL	1		470	1300	4745000	2851	3.25	13
3	Kanut	Kanut	3		385	1570	5730500	3443	3.93	15.7
4	Bhatli	Bargarh	6		1434	4398	418986	252	0.29	1.1
5	Raisobha	Bargarh	2		619	1866	170073	102	0.12	0.5
6	Udeipali	Bargarh	1		477	1443	127652	77	0.09	0.3
TPWODL Total			19		4214	13846.5	15213699	9141	10.43	41.6
TPNODL										



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1	BASTA	ESO BASTA NO-I	1	AMARDA	85	306	892860	536	0.61	2.4
2	JAMSULI	ESO JAMSULI	1	PAUSHKULI	87	182	531933	320	0.36	1.5
3	RAJGHAT	ESO RAJGHAT	1	CHASIPADA	50	209	608878	366	0.42	1.7
4	SITADIHA(SIAYILIA)	ESO JAMSULI	1	KHAPARAPADA	46	65	188959	114	0.13	0.5
5	(REAYUNA)BIDYADHARPUR	ESO REAYUNA	1	REMUNA	92	288	842321	506	0.58	2.3
6	BERAHAAYPUR	ESO BARAAYPUR	1	GOHIRA	81	320	933048	561	0.64	2.6
7	RUPSA	ESO RUPSA	1	AYALLISAHI	73	264	771111	463	0.53	2.1
8	BHOGRAI PSS	ESO BHOGRAI	1	BHOGRAI FEEDER	75	279	814035	489	0.56	2.2
9	DEHURDA,,JED	ESO DEHURDA	1	ALLALBINDHA	84	319	930411	559	0.64	2.5
10	JAGANNATHPUR	ESO BHOGRAI	1	NIAYATPUR	70	414	1207706	726	0.83	3.3
11	KAMARDA	ESO KAMARDA-I	1	KAMARDA HQR	82	377	1100259	661	0.75	3
12	KAMARDA	ESO KAMARDA-I	1	KUSUDA	69	284	830609	499	0.57	2.3
13	BAHANAGA	ESO BAHANAGA	1	BAHANANGA	74	172	501656	301	0.34	1.4
14	BISHNUPUR (JHADTA)	ESO GOPALPUR	1	BISHNUPUR	69	304	888883	534	0.61	2.4
15	ANLA(AYERDA) PSS	ESO BAISINGA	1	KHADIKAPADA	61	172	502871	302	0.34	1.4
16	GAON AAYARDA	ESO AYORODA	1	TAMBAKHARI	75	217	632390	380	0.43	1.7



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17	MANITREE	ESO MANATRI	1	MANAGOVINDPUR	64	183	535061	321	0.37	1.5
18	ASURALI	ESO ASURALI	1	DHUSURI	37	127	369380	222	0.25	1
19	CHHAYALSINGH	ESO BONTH	1	ODANGA	35	129	377696	227	0.26	1
20	DHAAYNAGARCHHAKA	ESO BHANDARI POKHARI-II	1	BHANDARIPOKHARI	33	132	385440	232	0.26	1.1
21	PANIKOILI	ESO PANIKOILI	1	NATHASAHI	79	348	1015193	610	0.7	2.8
22	BOULANGA	ESO AYANGALPUR	1	MANGALPUR	68	387	1128784	678	0.77	3.1
23	CHITRAKULA(BARABATI)	ESO KUAKHIA	1	BARABATI	16	101	294920	177	0.2	0.8
24	KUAKHIA	ESO KUAKHIA	1	HARIPUR	35	282	823761	495	0.56	2.3
25	CHHENAPADI (ODSSP)	ESO HATADIHI	1	AYUGUPUR	20	58	169360	102	0.12	0.5
26	HARICHANDANPUR	ESO HARICHANDANPUR	1	BADAPALASPAL	31	138	402142	242	0.28	1.1
27	RAAYACHANDRAPUR	ESO RAAYCHANDRAPUR	1	SALADEI	69	160	466895	281	0.32	1.3
TPNODL Total				27	1660	6217	18146562	10904	12.43	49.8
ALL DISCOM TOTAL				77	8017	27626.5	55238492	33190	37.86	152.6