

LIST OF EXISTING OPGW LINE SECTIONS IN OPTCL(2402KM)

Sl. No.	Line name	No. of Fibres	Line Length (in KM)	Remarks
1	220kV Jeypore-Jayanagar	8	6	8 Fibre OPGW is likely to be replaced by 24 Fibre shortly.
2	220kV Jayanagar-Theruvalli	8	130	
3	220kV Theruvalli-Akhusingh	8	71	
4	220kV Akhusingh-Narendrapur	8	132	
5	220kV Narendrapur-Mendhasal	8	177	
6	220kV Mendhasal-Chandaka	8	22	
7	132kV Chanadaka-Mancheswar(SLDC)	8	6	
8	220kV Budhipadar-Tarkera	24	110	
9	220kV Tarkera-Rourkela(Bisra)PGCIL	24	16	
10	220kV Kaniha-Meramundali	24	43	
11	132kV Meramundali-Chainpal	24	12	
12	220kV Meramundali-Duburi(Old)	24	99	
13	220kV Duburi(Old)-Duburi(New)	24	7	
14	400kV Mermundali-Mendhasal	24	100	
15	33kV Mancheswar-OPTCL HQ	24	7	
16	Balasore - Bhadrak	24	78	
17	Bhadrak - Daburi New	24	68	
18	Daburi New - Paradeep	24	114	
19	Joda . Meramundali	24	202	
20	IB TPS - Budhipadar	24	26	
21	Budhipadar . Lapanga tapping pt.	24	10	
22	Lapanga tapping pt.- Burla New	24	52	
23	Burla New - Chiplima	24	17	
24	Burla New - Burla PH	24	15	
25	Burla New - Bolangir New	24	120	
26	Bolangir New - Kesinga	24	72	
27	Kesinga - Therubali	24	123	
28	Therubali - Indravathi PH	24	91	
29	Talcher Kaniha (CS) - Rengali PH	24	30	
30	Balimela PH - Jayanagar	24	93	
31	Jayanagar - Machhkund PH	24	43	
32	Jayanagar - Ukolab	24	6	
33	Bhanjanagar - Nayagarh	24	69	
34	Nayagarh - Mendhasal	24	81	
35	Bidanasi - Chandaka	24	14	
36	Choudwar-ICCL	24	5	
37	Bidanasi - Choudwar	24	9	
38	Therubali - Ryagada	24	20	
39	Narenderpur to Behrampur	24	11	
40	Bolangir (New) to Patnagarh	24	40	
41	Khurda to Chandaka S/C	24	37	
42	Jaipur Road to Dubri (Old) D/C	24	13	
43	Bolangir (Old) to Bolangir (New)	24	5	
TOTAL			2402	

LIST OF OPGW LINE SECTIONS UNDER EXECUTION(1745KM)		
Sl. No.	Name of EHT Line	Route Kms.
1	132 kV Bhubaneswar - Cuttack (Via Phulnakhra)	31.500
2	132 kV Cuttack - Jagatsinghpur	35.112
3	132KV Paradeep - Jagatsinghpur	56.073
4	132 kV Chandaka - Nimapara	62.000
5	132kV Nimapara-Puri	30.000
6	132 kV Khurda - Puri SC	57.570
7	132 kV Jajpur Road - Kendrapara	63.110
8	132 kV Kendrapara - Paradeep	34.774
9	132 kV Khurda - Balugaon	68.566
10	132kV Balugaon-Chhatrapur	65.000
11	132kV Chhatrapur-Narendrapur	14.000
12	132 kV Balasore - Jaleswar via Basta	55.772
13	132 kV Balasore - Baripada	57.300
14	132kV Baripada - Rairangpur via Kuchei	77.000
15	132 kV Joda-Polasponga-Karanja- Rairangpur	117.000
16	132 kV Jajpur Road - Anandpur	30.000
17	132 kV TTPS - Duburi DC(Via Kolarangi-Kamakshya)	87.800
18	132 kV Berhampur - Mohana (Via Digapahandi)	58.000
19	132 kV Rayagada - Akhusingh - Mohana	120.000
20	132 kV Jayanagar - Rayagada (Via Podagada)	110.000
21	132 kV Jayanagar - Sunabeda	40.000
22	132 kV Burla PH - Rajgangpur-Tarkera (Via Sambalpur-Shyam Metaliksi-Aryan Ispat-SMC Power-Kuchinda)	158.000
23	132 kV Kesinga - Junagarh (Via Bhawanipatna)	58.000
24	132Kv Bhanjanagar-Phulbani	87.000
25	220kV Bhanjanagar-Theruvalli	171.400
	Sub-Total	1744.977
	Say	1745

LIST OF OPGW LINE SECTIONS UNDER PSDF(2289KM)

SI No	Description of line	24 F OPGW(KM)	48 F OPGW (KM)
1	400kV Meramundali-Meramundali(B)		
2	400kV DuburiNew-Meramundali	100	
3	Replacement of 8 F OPGW by 24 F OPGW in Jeypore-SLDC	511	
4	220kV Atri-Samaghara	70	
5	220kV Meramundali-Narasingshpur	61	7
6	220kV Narasingshpur-Bhanjanagar	80	
7	220Kv IndravatiPH-IndravatiPG	5	
8	220kV Rengali PH-Rengali S/Y	5	
9	220kV Tarkera-Bonai	35	4
10	220kV Bonai-Barkote	37	1
11	220kV Barkote-Rengali S/Y	80	
12	132kV Budhipadar-Basundhara (Lephripada)	27	
13	132kV Budhipadar-Brajrajnagar	18	
14	132kV Katapalli-Bargarh	55	
15	132kV Digapahandi-Chikiti	33	
16	132kv Chhatrapur-Ganjam	13	
17	132kV Jayanagar-Tentulikhunti	57	
18	132kV Tentulikhunti-Nawarangpur	21	5
19	132kV Nawarangpur-Babugaon	20	
20	132kV Dabugaon-Umerkote	46	
21	132kV Sunabeda-Potangi	32	
22	132kV Kesinga-Kharia	59	
23	132kV Kharia-Nuapara	73	
24	132kV Atri-Arugul	20	
25	132kV Atri-Banki	20	
26	132kV Ransinghpur-Badagada	25	
27	132kV Bhadrak- Soro	37	1
28	132kV Jajpur Road-J.Town	17	
29	132kV Balasore-Balasore(B)	4	
30	132kV Nimapara-Konark	21	
31	132kV Kendrapada-Pattamundai	20	
32	132kV Pattamundai-Olavar	30	
33	132kV Tarkera-Chhend	7	
34	132kV Tarkera-Rourkela Ckt-II	3	
35	132kV Tarkera-Kalunga	6	3
36	132kV Budhipadar-Sundargarh	30	
37	132kV Budhipadar-Jharsuguda	7	
38	132kV Patnagarh-Padampur	46	
39	132kV Bolangir(Old)-Sonapur	54	
40	132kV Sonapur-Boudh	52	
41	132kV Bargarh-Barpalli	23	5
42	132kV Burlanew-Rairakhola	66	1
43	132kV Rairakhola-Boinda	64	2
44	132kV Boinda-Anugul	39	
45	132kV Meramundali-Khajuriakata	12	17
46	132kV Khajuriakat-Nuapatna	48	38
47	ICCL-Dhenkanal	47	1
48	Dhenkanal-Meramundali	40	1
49	LILO s/s Chandikhola on Jajpur Road-		2
50	LILO Chandpur on Khurda-Balugaon		3
51	LILO s/s at Bolangir(PG) on BurlaNew-		2
52	LILO s/s Podagada(Jayanagar-Rayagada)		2
53	LILO s/s Muniguda(Theruvai-Kesinga)		3
54	LILO s/s Samuka		11
55	LILO s/s Ransinghpur		1
56	LILO s/s Lapanga(132kV Burla-Rourkela)		3
	G.TOTAL	2176	113

Annexure-VI

LIST OF LINE SECTIONS FOR OPGW(838KM) UNDER -PSDF-II

Sl No	Description of line	24 F OPGW(K M)	48 F OPGW (KM)
1	132kV Niamapara-Kesora LILO at Pratasasan	0.5	2
2	132kV Nuapatna-Banki	22	
3	132kV Olavar-Chandbali	13	
4	22kV Cuttack-Bidanasi	10	
5	132kV Kendrapada-Salipur	34.5	
6	132kV Jagtsinghpur-Paradip LILO at Tirtol	0.5	6.5
7	132kV Bidanasi-Chandaka LILO at Brajbiharipur CDA		4
8	132kV Karanjia-Dhenkikote	43	
9	132kV Kuchei-Rairangpur LILO at Bangiriposi		1
10	132kV Mohana-Digapahandi LILO at R.Udaygiri		37
11	132kV Bhanajanagar-Phulbani LILO at G.Udaygiri		13
12	220kV Budhipadar-Tarkera LILO at Kuanmunda	0.5	16
13	132kV Sambalpur-Rairakhol LILO at Maneswar		3
14	132kV Khariar-Kantabanji	36	
15	132kV Padanpur-Nuapada	69	
16	132Kv Sonapur-Birmaharajpur	21	
17	132kV Kesinga-Junagarh	54	
18	132kV Dabugaon-Jaipatna	63	
19	220kV Indravati-Theruvai LILO at Jaypatna	0.5	18
20	220kV Malkangiri-Kalimela		40
21	132kV Jayanagar-Tentulikhunti LILO at Boriguma		3
22	220kV Duburi-New-Paradip LILO at Udaygiri		2
23	220kV Bhanjanagar-Aska	30	
24	220kV Kesinga-Bolangir(New)	85	
25	132kV LILO of Aska-Berhampur line to 220/132 Kv S/S Aska	35.5	6.5
26	132kV Aska-Chhatrapur Line	45.5	
27	132kV LILO of Aska-Chhatrapur line to 220/132 Kv S/S Aska	46	6.5
28	132kV LILO of Duburi-TTPS line to 220/132 Kv S/S Godachhak	0.5	1.5
29	132kV Baripada-Udala line LILO at Betonoti	0.5	3.5
30	132kV Bhadrak-Aannadpur & LILO at Agarpada	48.5	14.5
31	132kV Sambalpur-Hindalco LILO at Hirakud		1
	G.TOTAL	659	179

CHIEF GENERAL MANAGER
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