

Standard Cost Data Book 2024-25

TPL Ahmedabad Distribution

Distribution Licensee is required to prepare and publish Standard Cost Data book as per “ Licensee’s power to Recover Expenditures Incurred in providing Supply and Other Miscellaneous charges 2005” issued by GERC. The Standard Cost Data book is a basis of making the initial estimate for laying of electric line and/or erection of electrical plant for extending supply to the applicant. The chapter 6 of Regulation is reproduced as under:

‘The Distribution licensee and the Transmission Licensee shall prepare a cost data book covering broad specifications of various items and materials as well as man-hours of various categories of labour needed for providing any electric line or electrical plant used for the purpose of giving supply of electricity based on the actual cost data of the financial year immediately preceding the year in which the estimate is to be prepared’

The Regulation provides preparing the Cost data book based on actual data of financial year immediately preceding the current year. The standard Costs for various activities have been prepared based on latest purchase order.

As per above explained principle, the standard Cost Data book 2024-25 is prepared and shown in Annexure A, within which serial no. 1 to 33 represent HT activities, serial no. 34 to 89 represent LT activities and serial no. 90 to 122 represent EHV activities.

Annexure A

Sr. No.	Activity Description	UoM	Material Cost (Rs.) A	Labour Cost (Rs.) B	Sub Total (Rs.) C = (A+B)	Supervision Charges @15% (Rs.) D = (C*15%)	Standard Cost With 15% Supervision charges (Rs.) E = (C+D)
1	CABLE 11 KV XLPE 70/3 C ALU.-OPEN EXCAVATION	M	814	201	1,015	152	1,167
2	CABLE 11 KV XLPE 185 SQ.MM. / 3 CORE.-OPEN EXCAVATION	M	1,287	201	1,487	223	1,711
3	CABLE 11KV XLPE 300/3 C ALU.-OPEN EXCAVATION	M	1,690	211	1,901	285	2,186
4	CABLE 11 KV XLPE 70/3 C ALU.-Manual Drilling	M	997	729	1,726	259	1,985
5	CABLE 11 KV XLPE 185 SQ.MM. / 3 CORE.-Manual Drilling	M	1,470	729	2,199	330	2,529
6	CABLE 11KV XLPE 300/3 C ALU.-Manual Drilling	M	1,873	740	2,613	392	3,005
7	CABLE 11 KV XLPE 70/3 C ALU.-HDD	M	700	354	1,054	158	1,212
8	CABLE 11 KV XLPE 185 SQ.MM. / 3 CORE.-HDD	M	1,172	354	1,526	229	1,755
9	CABLE 11KV XLPE 300/3 C ALU.-HDD	M	1,576	366	1,941	291	2,233
10	JOINT 11 KV 70 SQMM /3C XLPE H S CABLE	EA	8,632	2,323	10,955	1,643	12,598
11	JOINT 11 KV 185/3 C XLPE HS	EA	9,118	2,696	11,815	1,772	13,587
12	JOINT 11 KV 300/3 C XLPE JOINT	EA	9,748	3,069	12,817	1,923	14,740
13	JOINT 11 KV 70/3 C PILC-XLPE CAB TRANS	EA	11,682	2,323	14,005	2,101	16,106
14	JOINT 11 KV 185/3 C PILC-XLPE CAB TRANS	EA	13,175	2,696	15,871	2,381	18,252
15	70X3C 11/11KV XLPE HS ID TERMINATION	EA	2,363	1,300	3,663	549	4,212
16	KIT END TERMTN 3CX185SQMM XLPE 11KVCABLE	EA	3,276	1,540	4,816	722	5,539
17	END TERMINATION 11KV I/D 300/3C XLPE HS	EA	4,023	2,057	6,079	912	6,991
18	METERING CUBICAL 11 KV CT/ PT-CTR 25/5	EA	1,20,548	7,054	1,27,602	19,140	1,46,742
19	METERING CUBICAL 11KV CTR 100/5 ACC 0.2S	EA	1,17,008	7,054	1,24,062	18,609	1,42,671
20	METERING CUBICAL 11KV CTR 200/5 ACC 0.2S	EA	1,17,008	7,054	1,24,062	18,609	1,42,671
21	METERING CUBICAL 11KV CTR 300/5 ACC 0.2S	EA	1,17,008	7,054	1,24,062	18,609	1,42,671
22	FUSED DISTRIBUTION PILLAR FOR H.T	EA	55,221	2,883	58,104	8,716	66,820

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23	MOTORIZED HT RMU 3-WAY (2 LBS + 1 BKR)	EA	6,63,515	7,980	6,71,496	1,00,724	7,72,220
24	Motorized HT RMU 4-Way (3 LBS +1 BKR)	EA	8,46,219	9,136	8,55,355	1,28,303	9,83,658
25	MOTORIZED HT RMU 4-WAY (2 LBS + 2 BKR)	EA	9,54,776	9,136	9,63,911	1,44,587	11,08,498
26	Motorized HT RMU 5-Way (3 LBS + 2 BKR)	EA	10,77,011	9,136	10,86,146	1,62,922	12,49,068
27	Motorized HT RMU 5-Way (4 LBS + 1 BKR)	EA	9,59,427	9,136	9,68,563	1,45,284	11,13,847
28	MOTORIZED HT RMU 5-WAY (2 LBS + 3 BKR)	EA	12,38,967	9,136	12,48,103	1,87,215	14,35,318
29	1CX630 mm ² ,1.1KV XLPE Alu unarmour Cable	M	664	111	775	116	891
30	EARTH PLATE G.I.	EA	3,781	2,972	6,754	1,013	7,767
31	ASPHALTROAD REPAIR ESTIMATE-DISTRIBUTION	RMT	-	1,437	1,437	216	1,653
32	FOOTPATH REPAIR ESTIMATE-DISTRIBUTION	RMT	-	524	524	79	602
33	LICENSE FEES HT CABLES	RMT	-	118	118	-	118
34	2C X 10 MM ² , 1.1 KV PVC ALUMINUM CABLE	M	137	190	327	49	376
35	4C X 10 MM ² , 1.1 KV PVC ALUMINUM CABLE	M	157	190	347	52	400
36	4C X 25 MM ² , 1.1 KV PVC ALUMINUM CABLE	M	232	190	422	63	485
37	4C X 70 MM ² , 1.1 KV XLPE ALUMINUM CABLE	M	400	190	590	88	678
38	4C X 120 MM ² , 1.1 KV XLPE ALUMINUM CABLE	M	596	205	802	120	922
39	3.5C X 240 MM ² ,1.1KV XLPE ALUMINUM CABLE	M	981	205	1,186	178	1,364
40	JOINT LT SJ-10 3.5C 70 SQMM CABLE	EA	1,447	749	2,196	329	2,525
41	JOINT LT SJ-11	EA	1,729	1,127	2,856	428	3,284
42	JOINT LT SJ-12	EA	2,715	1,127	3,842	576	4,418
43	JOINT LT S3 4C/25 SQMM CABLE	EA	538	563	1,101	165	1,266
44	JOINT LT POTEND.	EA	152	427	579	87	666
45	FUSE TYPE MSP WITH NUTLESS BUSBAR	EA	26,056	2,980	29,035	4,355	33,391
46	FSP FOR LT SECTION	EA	72,454	5,206	77,660	11,649	89,309

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47	FUSEBOX BUSBAR CHAMBER 100AMPS	EA	8,684	2,510	11,194	1,679	12,873
48	125A LT SWITCH FUSE UNIT	EA	17,861	2,680	20,541	3,081	23,622
49	250 A SWITCH WITH BUSBAR FOR 50A RULE	EA	20,784	2,680	23,464	3,520	26,983
50	400 A SWITCH WITH BUSBAR FOR 50A RULE	EA	22,861	2,680	25,540	3,831	29,372
51	Single Ph. Meterbox	EA	801	424	1,225	184	1,409
52	THREE PHASE METERBOX	EA	1,782	607	2,388	358	2,747
53	METERBOX THREE PHASE MOTIVE POWER	EA	5,013	1,311	6,324	949	7,273
54	METERBOX LTMD	EA	13,525	1,553	15,078	2,262	17,340
55	GI METERBOX FOR CTO METER	EA	19,741	1,553	21,294	3,194	24,488
56	SMC DISTRIBUTION BOX	EA	4,736	511	5,247	787	6,034
57	PC GLANDS FOR 10 SQMM LT PVC CABLE	EA	119	207	326	49	375
58	GLAND 10SQMM 4 CORE	EA	156	207	363	54	417
59	GLAND 25SQMM 4 CORE	EA	215	207	422	63	485
60	GLAND 70SQMM 4 CORE	EA	304	277	581	87	668
61	GLAND 120SQMM 4 CORE	EA	424	448	873	131	1,004
62	GLAND 240SQMM 3 1/2 CORE	EA	786	448	1,234	185	1,419
63	EARTH PLATE G.I.	EA	3,781	2,972	6,754	1,013	7,767
64	ASPHALROAD REPAIR ESTIMATE-DISTRIBUTION	RMT	-	1,437	1,437	216	1,653
65	FOOTPATH REPAIR ESTIMATE-DISTRIBUTION	RMT	-	524	524	79	602
66	LICENSE FEES LT CABLES	RMT	-	59	59	-	59
67	1-Phase Import-Export Meter- 10-60 Amp.	EA	1,123	-	1,123	168	1,291
68	3-Phase Import-Export Meter- 10-60 Amp.	EA	2,620	-	2,620	393	3,013
69	3-phase Import-Export Meter- 20-100 Amp.	EA	2,679	-	2,679	402	3,080
70	3-phase Import-Export CTO Meter- 100/5 Amp.	EA	4,139	-	4,139	621	4,760

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71	CT 200/5 Amp. for Import-export meter	EA	3,776	-	3,776	566	4,342
72	1-Phase Uni-directional Meter- 10-60 Amp.	EA	1,000	-	1,000	150	1,150
73	3-Phase Uni-directional Meter- 10-60 Amp.	EA	2,082	-	2,082	312	2,394
74	3-phase Uni-directional Meter- 20-100 Amp.	EA	3,304	-	3,304	496	3,800
75	3-phase Uni-directional CTO Meter- 100/5 Amp.	EA	2,832	-	2,832	425	3,257
76	CT 200/5 Amp. for Uni-directional meter	EA	3,275	-	3,275	491	3,766
77	Three Phase HT CTO 11kV 100/5A Imp-Exp M	EA	29,494	-	29,494	4,424	33,919
78	GSM/GPRS MODEMS FOR AMR SYSTEM	EA	4,514	-	4,514	677	5,191
79	MCB 16 AMP	EA	71	157	228	34	262
80	MCB 40 AMP	EA	93	157	250	38	288
81	MCB 63 AMP	EA	127	157	284	43	327
82	HRC FUSE 32 A	EA	207	112	319	48	367
83	HRC FUSE 63 A	EA	191	112	303	46	349
84	HRC FUSE 100/125 A	EA	229	112	341	51	392
85	HRC FUSE 200 A	EA	231	112	343	51	395
86	HRC FUSE 315 A	EA	306	112	418	63	481
87	FUSE GEAR 32 AMP	EA	64	157	221	33	254
88	FUSE GEAR 63 AMP	EA	181	157	337	51	388
89	FUSE GEAR 100 AMP	EA	361	157	518	78	596
90	END TERMINATION GIS FOR 33 KV 3C 400 SQMM AL CABLE	EA	1,08,337	29,618	1,37,955	20,693	1,58,648
91	33 KV 3C 400 SQMM AL CABLE	M	3,350	1,114	4,464	670	5,134
92	END TERMINATION AIS FOR 33 KV 3C 400 SQMM AL CABLE	EA	9,260	4,720	13,980	2,097	16,077
93	ST JOINT FOR 33 KV 3C 400 SQMM AL CABLE	EA	22,420	5,074	27,494	4,124	31,618
94	33 KV 3C 630 SQMM AL CABLE	M	3,421	1,113	4,534	680	5,214

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95	END TERMINATION AIS FOR 33 KV 3C 630 SQMM AL CABLE	EA	11,564	4,413	15,977	2,397	18,374
96	ST JOINT FOR 33 KV 3C 630 SQMM AL CABLE	EA	49,649	9,440	59,089	8,863	67,952
97	END TERMINATION GIS FOR 33 KV 3C 630 SQMM AL CABLE	EA	1,08,337	29,618	1,37,955	20,693	1,58,648
98	Supply & Installation of 132kv joint for 1200 sq. mm Al Cable	EA	7,08,787	1,74,445	8,83,231	1,32,485	10,15,716
99	Supply & Installation of 132kv joint for 1600 sq. mm Cu Cable	EA	7,20,587	1,74,445	8,95,031	1,34,255	10,29,286
100	Supply & Installation of 132kv joint for 800 sq. mm Al Cable	EA	6,91,087	1,77,406	8,68,493	1,30,274	9,98,767
101	Supply & Installation of 132kv Termination 1200 sq. mm Al Cable	EA	6,06,158	2,40,630	8,46,788	1,27,018	9,73,806
102	Supply & Installation of 132kv Termination 1600 sq. mm Cu Cable	EA	6,18,548	2,62,519	8,81,067	1,32,160	10,13,227
103	Supply & Installation of 132kv Termination 800 sq. mm Al Cable	EA	5,88,458	3,06,179	8,94,637	1,34,196	10,28,832
104	Supply & Installation of S/C 132kv x 1200 x Al Cable	M	18,404	17,306	35,710	5,357	41,067
105	Supply & Installation of S/C 132kv x 1600 x Cu Cable	M	68,212	17,131	85,343	12,801	98,144
106	Supply & Installation of S/C 132kv x 800 x Al Cable	M	15,443	12,737	28,180	4,227	32,407
107	Supply & Installation of D/C 132kv x 1200 x Al Cable	M	36,435	29,806	66,241	9,936	76,177
108	Supply & Installation of D/C 132kv x 1600 x Cu Cable	M	1,36,066	25,507	1,61,573	24,236	1,85,809
109	Supply & Installation of D/C 132kv x 800 x Al Cable	M	30,518	29,308	59,825	8,974	68,799
110	Supply & Installation of 220kv joint for 1600 sq. mm Al/CU Cable	EA	8,66,317	3,52,440	12,18,756	1,82,813	14,01,570
111	Supply & Installation of 220kv Termination 1600 sq. mm Al/CU Cable	EA	9,61,779	3,76,943	13,38,722	2,00,808	15,39,530
112	Supply & Installation of S/C 220kv x 1600 x Al Cable	M	28,656	14,405	43,061	6,459	49,520
113	Supply & Installation of D/C 220kv x 1600 x Al Cable	M	56,954	25,300	82,254	12,338	94,592
114	Supply & Installation of 33kv GIS (I/C) PNL AT HT Cust SS	EA	35,02,265	1,06,495	36,08,760	5,41,314	41,50,074
115	Supply & Installation of 33kv GIS (O/G) PNL AT HT Cust SS	EA	39,91,662	1,06,495	40,98,157	6,14,724	47,12,881
116	Road Reinstatement for EHV cable route	RMT	-	4,903	4,903	736	5,639
117	Supply & Installation of S/C 220kv x 1600 x CU Cable	M	67,699	14,407	82,106	12,316	94,422
118	Supply & Installation of D/C 220kv x 1600 x CU Cable	M	1,34,877	29,944	1,64,821	24,723	1,89,544

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119	Supply & Installation of 33 KV GIS (B/C) PNL AT HT CUST SS	EA	36,74,317	1,42,780	38,17,097	5,72,565	43,89,662
120	Supply & Installation of 132 KV GIS BAY	EA	1,28,60,205	7,55,200	1,36,15,405	20,42,311	1,56,57,716
121	Supply & Installation of CRP FOR 132KV	M	22,48,728	6,27,406	28,76,134	4,31,420	33,07,554
122	Supply & Installation of GCC Cable	M	5,812	300	6,111	917	7,028

Note: Applicable taxes, if any, will be charged.