

A) Service Connection charges For New Overhead Connection**L.T. Supply : Single Phase**

a. For Load Upto 0.5 KW

Material	Unit	Qty	Rate in Rs	Cost in Rs
5-30A LTAC Single Phase 6loWPAN RF Meter with enclosure	No.	1	1,168.30	1,168.30
W.P. Wire 2.5 mm ² T/C 1100 V Grade	Mtr	20	7.86	157.20
Meter Board for 1-Phase 5-30A LTAC Meter	No	1	100.00	100.00
Kit kat/ MCCB 20 A with Enclosure	No	1	160.00	160.00
Reel Insulator 20mm	No	20	2.50	50.00
G.I. Wire 10SWG	Kg	2	64.20	128.40
G.I. Pipe 20mm	Mtr	3	84.60	253.80
G.I. Bend 20mm	No	3	20.30	60.90
G.I. Flexible pipe 20mm	Mtr	3	11.00	33.00
G.I. coupling 20mm	No	2	8.50	17.00
Sundries (Nut Bolts for Earthing Point and fitting, screws, Washers, drilling bit, Nails, Saddle clamps, lugs, PVC RAWAL Plugs etc.)	No	1	170.00	170.00
Total				2,298.60
Approx. Labour Charges			15.00%	344.79
Transportation Charges			5.00%	114.93
Tools & Plants			1.50%	34.48
Contingencies			2.50%	57.47
Insurance & Finance Cost			1.50%	34.48
Grand Total				2,884.74
Less Metering Cost				1,168.30
Proposed Charges				1,700.00

L.T. Supply : Single Phase (Over head)

b. for Load above 0.5KW & Up to 7.5KW

Material	Unit	Proposal for MYT 4th Control Period (2019-23) Petition		
		Qty	Rate in Rs	Cost in Rs
5-30A LTAC Single Phase 6loWPAN RF Meter with enclosure	No.	1	1,168.30	1,168.30
W.P. Wire 10 mm ² T/C 1100 V Grade	Mtr	20	25.94	518.80
Meter Board for 3-Phase 10-40A LTAC Meter	No	1	250.00	250.00
Kit kat / MCCB 32 A with Enclosure	No	1	160.00	160.00
Reel Insulator 30mm	No	20	2.60	52.00
G.I. Wire 10SWG	Kg	2	64.20	128.40
G.I. Pipe 30mm	Mtr	3	106.80	320.40
G.I. Bend 30mm	No	3	48.00	144.00
PVC Flexible pipe 30mm	No	2	54.00	108.00
G.I. coupling 30mm	No	2	32.00	64.00
Sundries (Nut Bolts for Earthing Point and fitting, screws, Washers, drilling bit, Nails, Saddle clamps, lugs, PVC RAWAL Plugs etc.)	No	1	210.00	210.00
Total				3,123.90
Approx. Labour Charges			15.00%	468.59
Transportation Charges			5.00%	156.20
Tools & Plants			1.50%	46.86
Contingencies			2.50%	78.10
Insurance & Finance Cost			1.50%	46.86
Grand Total				3,920.49
Less Metering Cost				1,168.30
Proposed Charges				2,700.00

Three Phase (Over head)

a. Motive Power Up to 27 HP or other loads up to 20 KW

Material	Unit	Proposal for MYT 4th Control Period (2019-23) Petition		
		Qty	Rate in Rs	Cost in Rs
10-40A LTAC Single Phase 6loWPAN RF Meter with enclosure	No.	1	2,686.73	2,686.73
L.T. XLPE Amourred 2 Core 16 Sqmm cable	Mtr	40	67.60	2,704.00
Meter Board for 3-Phase 10-40A LTAC Meter	No	1	250.00	250.00
Three Phase Four Pole MCB 32A with enclosure	No	1	2,583.00	2,583.00
Reel Insulator 25mm	No	30	2.50	75.00
G.I. Wire 8SWG	Kg	5	64.20	321.00
G.I. Pipe 110 mm	Mtr	3	287.20	861.60
G.I. Bend 110mm	No	3	60.00	180.00
G.I. Flexible pipe 110mm	Mtr.	2	106.00	212.00
G.I. coupling 110mm	No	2	40.00	80.00
Sundries (Nut Bolts for Earthing Point and fitting, screws, Washers, drilling bit, Nails, Saddle clamps, lugs, PVC RAWAL Plugs etc.)	No	1	400.00	400.00
Total				10,353.33
Approx. Labour Charges			15.00%	1,553.00
Transportation Charges			5.00%	517.67
Tools & Plants			1.50%	155.30
Contingencies			2.50%	258.83
Insurance & Finance Cost			1.50%	155.30
Grand Total				12,993.43
Less Metering Cost				2,686.73
Proposed Charges				10,300.00

Three Phase (Over head)

b. Motive Power above 27 HP but upto 107 HP or other loads above 20 KW but upto 80 KW.

Material	Unit	Proposal for MYT 4th Control Period (2019-23) Petition		
		Qty	Rate in Rs	Cost in Rs
40-200A LTAC CT Embedded Meter	No.	1	16,230.94	16,230.94
L.T. Single Core armoured XLPE Cable 70 sq.mm	Mtr.	80	72.93	5,834.40
Meter Board for 3-Phase 40-200A LTAC Meter	No	1	500.00	500.00
Kit Kat fuses 415 V 200 A/ MCCB 200 A	No	3	900.00	2,700.00
G.I. Wire 8SWG	Kg	6	64.20	385.20
G.I. Pipe 110 mm	Mtr	3	287.20	861.60
G.I. Bend 110mm	No	3	60.00	180.00
G.I. Flexible pipe 110mm	Mtr.	2	106.00	212.00
G.I. coupling 110mm	No	3	40.00	120.00
Sundries (Nut Bolts for Earthing Point and fitting, screws, Washers, drilling bit, Nails, Saddle clamps, lugs, PVC RAWAL Plugs etc.)	No	1	700.00	700.00
Total				27,724.14
Approx. Labour Charges			15.00%	4,158.62
Transportation Charges			5.00%	1,386.21
Tools & Plants			1.50%	415.86
Contingencies			2.50%	693.10
Insurance & Finance Cost			1.50%	415.86
Grand Total				34,793.80
Less Metering Cost				16,230.94
Proposed Charges				18,500.00

Three Phase (Over head)

c. Motive Power above 107HP but upto 214HP or other loads above 80KW but upto 160KW

Material	Unit	Proposal for MYT 4th Control Period (2019-23) Petition		
		Qty	Rate in Rs	Cost in Rs
3-Phase LTAC 100/5A CT Meter with 300/ 5A CTs & MCCB	No.	1	24,260.44	24,260.44
L.T. Single Core armoured XLPE Cable 185 sq.mm	Mtr	80	185.00	14,800.00
Kit Kat fuses 415 V 200 A/ MCCB 200 A	No	3	900.00	2,700.00
G.I. Wire 8SWG	Kg	6	64.20	385.20
G.I. Pipe 200 mm	Mtr	3	333.00	999.00
G.I. Bend 200mm	No	3	66.00	198.00
G.I. Flexible pipe 200mm	Mtr.	2	110.00	220.00
G.I. coupling 200mm	No	2	42.00	84.00
Sundries (Nut Bolts for Earthing Point and fitting, screws, Washers, drilling bit, Nails, Saddle clamps, lugs, PVC RAWAL Plugs etc.)	No	1	1,000.00	1,000.00
Total				44,646.64
Approx. Labour Charges			15.00%	6,697.00
Transportation Charges			5.00%	2,232.33
Tools & Plants			1.50%	669.70
Contingencies			2.50%	1,116.17
Insurance & Finance Cost			1.50%	669.70
Grand Total				56,031.53
Less Metering Cost				24,260.44
Proposed Charges				31,700.00

LT SUPPLY**"AT ACTUAL" ESTIMATE FOR SERVICE CONNECTION CHARGES FOR NEW OVERHEAD CONNECTION**

A. Motive power above 27 HP but up to 107 HP or other loads above 20 kW but up to 80 kW.

Item Code	Particulars of activity	Rate	Unit	Qty.	Amount
0901	11kV, Pin type ACSR Weasel Conductor & 200 Kg PSC Poles	3,06,825.80	km	0.1	30,683.00
1402	3 phase 4 wire on PSC pole 8 mtr with ACSR Weasel conductor for phase & neutral with 200 Kg	2,59,075.58	km	0.30	77,723.00
1203	100 kVA Dist. Transformer centers on 9mtr RSJ poles with MCCB Dist box	3,30,076.44	km	1	3,30,076.00
	Infrastructure Cost for providing supply				4,38,482.00
	Cost for one Consumer (Considering maximum 4 consumers of 20kW)				1,09,620.50
	Service Line	18,500.00	No	1	18,500.00
	Total Service Connection Charges for One Consumer				1,28,120.50

B. Motive power above 107 HP but up to 214 HP or other loads above 80 kW but up to 160 kW.

Item Code	Particulars of activity	Rate	Unit	Qty.	Amount
0901	11kV, Pin type ACSR Weasel Conductor & 200 Kg PSC Poles	3,06,825.80	km	0.1	30,683.00
1402	3 phase 4 wire on PSC pole 8 mtr with ACSR Weasel conductor for phase & neutral with 200 Kg	2,59,075.58	km	0.30	77,723.00
1005	200 kVA Dist. Transformer centers on 100x116mm, 9 mtr RSJ poles with MCCB Dist box	7,06,949.46	km	1	7,06,949.00
	Infrastructure Cost for providing supply				8,15,355.00
	Cost for one Consumer (Considering maximum 2 consumers of 80kW)				4,07,677.50
	Service Line	31,700.00	No	1	31,700.00
	Total Service Connection Charges for One Consumer				4,39,377.50

"AT ACTUAL" ESTIMATE FOR SERVICE CONNECTION CHARGES FOR NEW UNDERGROUND CONNECTION

A. Motive power above 27HP but up to 67 HP or for other loads above 20 kW but up to 50 kW

Item Code	Particulars of activity	Rate	Unit	Qty.	Amount
0916	11kV, 3 core X 95 sqmm XLPE Underground Cable	13,58,038.16	km	0.1	1,35,804.00
1402	3 phase 4 wire on PSC pole 8 mtr with ACSR Weasel conductor for phase & neutral with 200 Kg	2,59,075.58	km	0.30	77,723.00
1202	63 kVA Dist. Transformer centers on 9mtr RSJ poles with MCCB Dist box	2,82,880.13	km	1	2,82,880.00
	Infrastructure Cost for providing supply				4,96,407.00
	Cost for one Consumer (Considering maximum 2 consumers of 20kW)				2,48,203.50
	Service Line	31,000.00	No	1	31,000.00
	Total Service Connection Charges for One Consumer				2,79,203.50

B. Motive power above 67HP but up to 134 (201) HP or for other loads above 50 kW but up to 100 (150) kW

Item Code	Particulars of activity	Rate	Unit	Qty.	Amount
0916	11kV, 3 core X 95 sqmm XLPE Underground Cable	13,58,038.16	km	0.1	1,35,804.00
1402	3 phase 4 wire on PSC pole 8 mtr with ACSR Weasel conductor for phase & neutral with 200 Kg	2,59,075.58	km	0.30	77,723.00
1005	200 kVA Dist. Transformer centers on 100x116mm, 9 mtr RSJ poles with MCCB Dist box	7,06,949.46	km	1	7,06,949.00
	Infrastructure Cost for providing supply				9,20,476.00
	Cost for one Consumer (Considering maximum 2 consumers of 50kW)				4,60,238.00
	Service Line	55,700.00	No	1	55,700.00
	Total Service Connection Charges for One Consumer				5,15,938.00

C. Motive power above 134HP but up to 214 HP or for other loads above 100 kW but up to 160 kW

Item Code	Particulars of activity	Rate	Unit	Qty.	Amount
0916	11kV, 3 core X 95 sqmm XLPE Underground Cable	13,58,038.16	km	0.1	1,35,804.00
1402	3 phase 4 wire on PSC pole 8 mtr with ACSR Weasel conductor for phase & neutral with 200 Kg	2,59,075.58	km	0.30	77,723.00
1005	200 kVA Dist. Transformer centers on 100x116mm, 9 mtr RSJ poles with MCCB Dist box	7,06,949.46	km	1	7,06,949.00
	Infrastructure Cost for providing supply				9,20,476.00
	Cost for one Consumer (Considering maximum 1 consumers of 160kW)				9,20,476.00
	Service Line	75,100.00	No	1	75,100.00
	Total Service Connection Charges for One Consumer				9,95,576.00

HT SUPPLY**"AT ACTUAL" ESTIMATE FOR SERVICE CONNECTION CHARGES FOR NEW OVERHEAD CONNECTION**

A. 11kV Supply up to 1000 kVA.

Item Code	Particulars of activity	Rate	Unit	Qty.	Amount
0903	11kV, Pin type with ACSR Weasel conductor on RSJ Pole.	7,03,865.17	km	0.5	3,51,933.00
	Infrastructure Cost for providing supply				3,51,933.00
	Service Line	2,99,900.00	No	1	2,99,900.00
	Total Service Connection Charges for One Consumer				6,51,833.00

B. 11kV above 1000 KVA up to 5000 kVA

Item Code	Particulars of activity	Rate	Unit	Qty.	Amount
0905	11kV, Pin type with 100 Sq. mm AAAC lines on 152 X 152 mm 11 mtr RSJ poles	11,30,691.59	km	0.5	5,65,346.00
	Infrastructure Cost for providing supply				5,65,346.00
	Service Line	3,47,300.00	No	1	3,47,300.00
	Total Service Connection Charges for One Consumer				9,12,646.00

C. 22kV Supply up to 1000 kVA.

Item Code	Particulars of activity	Rate	Unit	Qty.	Amount
0801	22kV, Pin type ACSR Weasel Conductor on 11 mtr long RSJ Poles	7,03,904.15	km	0.5	3,51,952.00
	Infrastructure Cost for providing supply				3,51,952.00
	Service Line	3,30,200.00	No	1	3,30,200.00
	Total Service Connection Charges for One Consumer				6,82,152.00

D. 22kV above 1,000 kVA up to 10,000 kVA

Item Code	Particulars of activity	Rate	Unit	Qty.	Amount
0804	22kV, Pin type with 100 Sq. mm AAAC conductor on 152 X 152 mm 11 mtr RSJ poles	12,37,739.68	km	0.5	6,18,870.00
	Infrastructure Cost for providing supply				6,18,870.00
	Service Line	3,90,700.00	No	1	3,90,700.00
	Total Service Connection Charges for One Consumer				10,09,570.00

E. 33kV Supply up to 20,000 kVA.

Item Code	Particulars of activity	Rate	Unit	Qty.	Amount
0703	Pin type with 100 Sq. mm AAAC conductor on 152 X 152 mm 11 mtr RSJ poles	11,53,494.53	km	0.5	5,76,747.00
	Infrastructure Cost for providing supply				5,76,747.00
	Service Line	4,68,100.00	No	1	4,68,100.00
	Total Service Connection Charges for One Consumer				10,44,847.00

HT SUPPLY**"AT ACTUAL" ESTIMATE FOR SERVICE CONNECTION CHARGES FOR NEW UNDERGROUND CONNECTION**

A. 11kV H.T supply up to 1000 kVA

Item Code	Particulars of activity	Rate	Unit	Qty.	Amount
0916	11kV, 3 core X 95 sqmm XLPE Underground Cable	13,58,038.16	km	0.5	6,79,019.00
	Infrastructure Cost for providing supply				6,79,019.00
	Service Line	3,48,100.00	No	1	3,48,100.00
	Total Service Connection Charges for One Consumer				10,27,119.00

B. 11kV above 1000 KVA up to 5000 kVA

Item Code	Particulars of activity	Rate	Unit	Qty.	Amount
0915	11kV, 3 core X 185 sqmm XLPE Underground Cable	18,25,487.20	km	0.5	9,12,744.00
	Infrastructure Cost for providing supply				9,12,744.00
	Service Line	4,01,700.00	No	1	4,01,700.00
	Total Service Connection Charges for One Consumer				13,14,444.00

C. 22kV H.T supply up to 1000 kVA

Item Code	Particulars of activity	Rate	Unit	Qty.	Amount
0811	22kv, 3 core X 95 sqmm XLPE Underground Cable	18,38,322.92	km	0.5	9,19,161.00
	Infrastructure Cost for providing supply				9,19,161.00
	Service Line	3,67,200.00	No	1	3,67,200.00
	Total Service Connection Charges for One Consumer				12,86,361.00

D. 22kV above 1,000 kVA up to 10,000 kVA

Item Code	Particulars of activity	Rate	Unit	Qty.	Amount
0813	22kv, 3 core X 300 sqmm XLPE Underground Cable	29,89,211.15	km	0.5	14,94,606.00
	Infrastructure Cost for providing supply				14,94,606.00
	Service Line	4,46,100.00	No	1	4,46,100.00
	Total Service Connection Charges for One Consumer				19,40,706.00

E. 33kV H.T supply up to 20,000 kVA

Item Code	Particulars of activity	Rate	Unit	Qty.	Amount
0708	33kV, 3 core X 300 sqmm XLPE Underground Cable	35,15,771.31	km	0.5	17,57,886.00
	Infrastructure Cost for providing supply				17,57,886.00
	Service Line	5,31,100.00	No	1	5,31,100.00
	Total Service Connection Charges for One Consumer				22,88,986.00

SERVICE CONNECTION CHARGES FOR NEW UNDERGROUND CONNECTION

For load up to 0.5 kW

Item Code	Particulars of activity	Rate	Unit	Qty.	Amount
0801	22kV, Pin type ACSR Weasel Conductor on 11 mtr long RSJ Poles	7,03,904.15	km	0.1	70,390.00
1406	3.5 X 185 sqmm XLPE Underground Cable	9,41,709.23	km	0.30	2,82,513.00
1004	100 kVA Dist. Transformer centers on RSJ 9 mtr 100x116 poles with MCCB Dist box	5,02,243.12	km	1	5,02,243.00
2001A	Supply erection ,testing & Commissioning of LT 8 way F.P.	74,450.21	Nos.	1	74,450.00
2003	Supply erection ,testing & Commissioning of LT Mini F.P.	23,288.33	Nos.	5	1,16,442.00
	Infrastructure Cost for providing supply				10,46,038.00
	Cost for one Consumer (Considering maximum 100 consumers)				10,460.38
	Service Line	4,200.00	No	1	4,200.00
	Total Service Connection Charges for One Consumer				14,660.38
SAY					Rs. 15000

For loads above 0.5 kW & up to 7.5kW *

Item Code	Particulars of activity	Rate	Unit	Qty.	Amount
0801	22kV, Pin type ACSR Weasel Conductor on 11 mtr long RSJ Poles	7,03,904.15	km	0.1	70,390.00
1406	3.5 X 185 sqmm XLPE Underground Cable	9,41,709.23	km	0.30	2,82,513.00
1005	200 kVA Dist. Transformer centers on 100x116mm, 9 mtr RSJ poles with MCCB Dist box	7,06,949.46	km	1	7,06,949.00
2001A	Supply erection ,testing & Commissioning of LT 8 way F.P.	74,450.21	Nos.	1	74,450.00
2003	Supply erection ,testing & Commissioning of LT Mini F.P.	23,288.33	Nos.	4	93,153.00
	Infrastructure Cost for providing supply				12,27,455.00
	Cost for one Consumer (Considering maximum 50 consumers)				24,549.10
	Service Line	4,200.00	No	1	4,200.00
	Total Service Connection Charges for One Consumer				28,749.10
SAY					Rs. 25000

Motive power up to 27 HP or other loads up to 20 kW

Item Code	Particulars of activity	Rate	Unit	Qty.	Amount
0801	22kV, Pin type ACSR Weasel Conductor on 11 mtr long RSJ Poles	7,03,904.15	km	0.05	35,195.00
1005	200 kVA Dist. Transformer centers on 100x116mm, 9 mtr RSJ poles with MCCB Dist box	7,06,949.46	km	1	7,06,949.00
	Infrastructure Cost for providing supply				7,42,144.00
	Cost for one Consumer (Considering maximum 30 consumers)				24,738.13
	Service Line	19,600.00	No	1	19,600.00
	Total Service Connection Charges for One Consumer				44,338.13
SAY					Rs.30000