

2011



Ceylon Electricity Board

Information Technology Branch

[STANDARD ESTIMATE RATES]

NEW CONNECTION

Normal Overhead

Total Line Length(m) *	:		Standard Estimate	
Conductor Type	:		Fixed Cost *	: 0.00
Conductor Length(m)	:		Variable Cost *	: 0.00
Service Length(m)	:		Sub Total	: 0.00
Line Conversion Length(m)	:		Other Cost	: 0.00 (Material) Add other cost
Wiring Type *	:			: 0.00 (Labour)
Is loop service?	:		Capital Cost	: 0.00
Cable Type	:	Select Cable Type ▾	Conversion Cost	: 0.00
Spans	:		Tax Amount	: 0.00
No. Poles	:		Security Deposit	: 0.00
No. Stays	:		Estimated Total Cost :	0.00
No. Struts	:			
SIN Number	:			
Phase	:	Select Phase ▾		
Distance to Service Place(Km) *	:			
Fund Source & ID *	:	CP - CP ▾		

Fixed Cost

Line Length = X

Line Length	Single Phase (30A)	Three Phase(30A)	Three Phase(60A)
0-50 (52)	12,500.00	16,500.00	17,900.00
52-110	3,900.00		
Line Length more than 110	3,900.00	16,500.00	17,900.00

Variable Cost

Line Length = X

Line Length	Single Phase (30A)	
0-50 (52)	0	
52-110	560 * X	
Line Length more than 110	FLY	ABC
	(560 * 110) + (868* X-110)	(560 * 110) + (1298* X-110)

Line Length = X

Line Length	Three Phase(30A)	
0-50 (52)	605 * X	
52-110		
Line Length	FLY	ABC

more than 110	$(605 * 110) + (1115 * X - 110)$	$(605 * 110) + (1298 * X - 110)$
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Line Length = X

Line Length	Three Phase(60A)	
0-50 (52)	730*X	
52-110		
Line Length more than 110	FLY	ABC
	$(730 * 110) + (1115 * X - 110)$	$(730 * 110) + (1298 * X - 110)$

Sub Total

Sub Total = Fixed Cost + Variable Cost

Other Cost

Other Cost (Material): Total cost of the materials marked as Customer Quantity

Other Cost (Labor): Labor Component of the Other Cost (Material)

Capital Cost

Applicable for Industrial Type (Welding Plants, Metal Crushers, Saw Mills)

Single Phase (30A)	Three Phase(30A)	Three Phase(60A)
75,000.00	100,000.00	100,000.00

Conversion Cost

Line Conversion Length = X

Single Phase → Three Phase	Two Phase → Three Phase
324*X	230*X

Security Deposit

PHASE	CONNECTION_TYPE	TARIFF_CAT_CODE	SECURITY_DEPOSIT
Single	30	RP	Rs. 650.00
Single	30	IP	Rs. 1,500.00
Single	30	GP	Rs. 1,500.00
Single	30	DP	Rs. 650.00
Three	30	RP	Rs. 3,500.00
Three	30	IP	Rs. 6,000.00
Three	30	GP	Rs. 6,000.00
Three	30	DP	Rs. 3,500.00
Three	60	RP	Rs. 10,000.00
Three	60	IP	Rs. 20,000.00
Three	60	GP	Rs. 20,000.00
Three	60	DP	Rs. 10,000.00

Normal Underground

Total Line Length(m) *	:		Standard Estimate	
Conductor Type	:		Fixed Cost *	: 0.00
Conductor Length(m)	:		Variable Cost *	: 0.00
Service Length(m)	:		Sub Total	: 0.00
Line Conversion Length(m)	:		Other Cost	: 0.00 (Material) Add other cost
Wiring Type *	:			: 0.00 (Labour)
Is loop service?	:		Capital Cost	: 0.00
Cable Type	:	Select Cable Type ▾	Conversion Cost	: 0.00
Spans	:		Tax Amount	: 0.00
No. Poles	:		Security Deposit	: 0.00
No. Stays	:		Estimated Total Cost :	0.00
No. Struts	:			
SIN Number	:			
Phase	:	Select Phase ▾		
Distance to Service Place(Km) *	:			
Fund Source & ID *	:	CP - CP ▾		

Fixed Cost

Single Phase(15A/30A)		
Cable Type	16mm ² /2C	35,800.00

Three Phase(30A)		
Cable Type	16mm ² /4C	52,800.00

Three Phase(60A)		
Cable Type	35mm ² /4C	56,200.00
	70mm ² /4C	60,200.00
	95mm ² /4C	66,000.00

Variable Cost

Line Length = X

Single Phase(15A/30A)		
Cable Type	16mm ² /2C	31,00.00 * X

Three Phase(30A)		
Cable Type	16mm ² /4C	3,300.00*X
Three Phase(60A)		
Cable Type	35mm ² /4C	3,300.00*X
	70mm ² /4C	4,000.00*X
	95mm ² /4C	4,100.00*X

Other Cost

Other Cost (Material): Total cost of the materials marked as Customer Quantity

Other Cost (Labor): Labor Component of the Other Cost (Material)

Capital Cost

Applicable for Industrial Type (Welding Plants, Metal Crushers, Saw Mills)

Single Phase (30A)	Three Phase(30A)	Three Phase(60A)
75,000.00	100,000.00	100,000.00

Conversion Cost

Line Conversion Length = X

Single Phase → Three Phase	Two Phase → Three Phase
324*X	230*X

Security Deposit

PHASE	CONNECTION_TYPE	TARIFF_CAT_CODE	SECURITY_DEPOSIT
Single	30	RP	Rs. 650.00
Single	30	IP	Rs. 1,500.00
Single	30	GP	Rs. 1,500.00
Single	30	DP	Rs. 650.00
Three	30	RP	Rs. 3,500.00
Three	30	IP	Rs. 6,000.00
Three	30	GP	Rs. 6,000.00
Three	30	DP	Rs. 3,500.00
Three	60	RP	Rs. 10,000.00
Three	60	IP	Rs. 20,000.00
Three	60	GP	Rs. 20,000.00
Three	60	DP	Rs. 10,000.00

Underground Loop Service

Total Line Length(m) *	:	<input type="text"/>	Standard Estimate		
Conductor Type	:	<input type="text"/>	Fixed Cost *	:	<input type="text" value="0.00"/>
Conductor Length(m)	:	<input type="text"/>	Variable Cost *	:	<input type="text" value="0.00"/>
Service Length(m)	:	<input type="text"/>	Sub Total	:	<input type="text" value="0.00"/>
Line Conversion Length(m)	:	<input type="text"/>	Other Cost	:	<input type="text" value="0.00"/> (Material) Add other cost
Wiring Type *	:	<input type="text"/>		:	<input type="text" value="0.00"/> (Labour)
Is loop service?	:	<input type="text"/>	Capital Cost	:	<input type="text" value="0.00"/>
Cable Type	:	<input type="text" value="Select Cable Type"/>	Conversion Cost	:	<input type="text" value="0.00"/>
Spans	:	<input type="text"/>	Tax Amount	:	<input type="text" value="0.00"/>
No. Poles	:	<input type="text"/>	Security Deposit	:	<input type="text" value="0.00"/>
No. Stays	:	<input type="text"/>	Estimated Total Cost :		<input type="text" value="0.00"/>
No. Struts	:	<input type="text"/>			
SIN Number	:	<input type="text"/>			
Phase	:	<input type="text" value="SelectPhase"/>			
Distance to Service Place(Km) *	:	<input type="text"/>			
Fund Source & ID *	:	<input type="text" value="CP - CP"/>			

Fixed Cost & Variable Cost

Line Length = X

Single Phase(15A/30A)	
Fixed Cost	Variable Cost
3,900.00	300*X

Three Phase(15A)	
Fixed Cost	Variable Cost
16,500.00	350*X

Three Phase(30A)	
Fixed Cost	Variable Cost
17,600.00	375*X

Three Phase(60A)	
Fixed Cost	Variable Cost
17,900.00	375*X

Other Cost

Other Cost (Material): Total cost of the materials marked as Customer Quantity

Other Cost (Labor): Labor Component of the Other Cost (Material)

Capital Cost

Applicable for Industrial Type (Welding Plants, Metal Crushers, Saw Mills)

Single Phase (30A)	Three Phase(30A)	Three Phase(60A)
75,000.00	100,000.00	100,000.00

Conversion Cost

Line Conversion Length = X

Single Phase → Three Phase	Two Phase → Three Phase
324*X	230*X

Security Deposit

PHASE	CONNECTION_TYPE	TARIFF_CAT_CODE	SECURITY_DEPOSIT
Single	30	RP	Rs. 650.00
Single	30	IP	Rs. 1,500.00
Single	30	GP	Rs. 1,500.00
Single	30	DP	Rs. 650.00
Three	30	RP	Rs. 3,500.00
Three	30	IP	Rs. 6,000.00
Three	30	GP	Rs. 6,000.00
Three	30	DP	Rs. 3,500.00
Three	60	RP	Rs. 10,000.00
Three	60	IP	Rs. 20,000.00
Three	60	GP	Rs. 20,000.00
Three	60	DP	Rs. 10,000.00

Overhead Loop Service

Total Line Length(m) * : <input type="text"/> Conductor Type : <input type="text"/> Conductor Length(m) : <input type="text"/> Service Length(m) : <input type="text"/> Line Conversion Length(m) : <input type="text"/> Wiring Type * : <input type="text"/> Is loop service? : <input type="text"/> Cable Type : <input type="text" value="Select Cable Type"/> Spans : <input type="text"/> No. Poles : <input type="text"/> No. Stays : <input type="text"/> No. Struts : <input type="text"/> SIN Number : <input type="text"/> Phase : <input type="text" value="Select Phase"/> Distance to Service Place(Km) * : <input type="text"/> Fund Source & ID * : <input type="text" value="CP - CP"/>	Standard Estimate Fixed Cost * : <input type="text" value="0.00"/> Variable Cost * : <input type="text" value="0.00"/> Sub Total : <input type="text" value="0.00"/> Other Cost : <input type="text" value="0.00"/> (Material) Add other cost : <input type="text" value="0.00"/> (Labour) Capital Cost : <input type="text" value="0.00"/> Conversion Cost : <input type="text" value="0.00"/> Tax Amount : <input type="text" value="0.00"/> Security Deposit : <input type="text" value="0.00"/> Estimated Total Cost : <input type="text" value="0.00"/>
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Fixed Cost & Variable Cost

Line Length = X

Single Phase(15A/30A)	
Fixed Cost	Variable Cost
3,900.00	560*X

Three Phase(15A)	
Fixed Cost	Variable Cost
16,500.00	350*X

Three Phase(30A)	
Fixed Cost	Variable Cost
17,600.00	375*X

Three Phase(60A)	
Fixed Cost	Variable Cost
17,900.00	375*X

Other Cost

Other Cost (Material): Total cost of the materials marked as Customer Quantity

Other Cost (Labor): Labor Component of the Other Cost (Material)

Capital Cost

Applicable for Industrial Type (Welding Plants, Metal Crushers, Saw Mills)

Single Phase (30A)	Three Phase(30A)	Three Phase(60A)
75,000.00	100,000.00	100,000.00

Conversion Cost

Line Conversion Length = X

Single Phase → Three Phase	Two Phase → Three Phase
324*X	230*X

Security Deposit

PHASE	CONNECTION_TYPE	TARIFF_CAT_CODE	SECURITY_DEPOSIT
Single	30	RP	Rs. 650.00
Single	30	IP	Rs. 1,500.00
Single	30	GP	Rs. 1,500.00
Single	30	DP	Rs. 650.00
Three	30	RP	Rs. 3,500.00
Three	30	IP	Rs. 6,000.00
Three	30	GP	Rs. 6,000.00
Three	30	DP	Rs. 3,500.00
Three	60	RP	Rs. 10,000.00
Three	60	IP	Rs. 20,000.00
Three	60	GP	Rs. 20,000.00
Three	60	DP	Rs. 10,000.00

COST RECOVERY

Meter Damage

Category Code *	: CRJ	Standard Estimate	
Conductor Type	: <input type="radio"/> ABC <input type="radio"/> FLY	Fixed Cost	:
Line Length(m)	:	Variable Cost	:
Lb(m)	:	Sub Total	:
Wiring Type	: <input type="radio"/> Under Ground <input type="radio"/> Over Head	Other Cost	:
Is loop service?	: <input type="radio"/> Yes <input type="radio"/> No	Conversion Cost	:
Loop Length(m)	: 0	Tax Amount	:
Spans	:	Security Deposit	:
No. Poles	:	Estimated Total Cost :	
No. Stays	:		
No. Struts	:		
SIN Number	:		
Phase	: Select Phase		
Distance to Service Place(Km) *	:		
Fund Source & ID	: CP - CP		

Fixed Cost

Rs 5000.00

Variable Cost

No variable cost

Other Cost(Material Cost)

No other cost

Conversion Cost

No conversion cost

Security Deposit

No security deposit

Re-Connection

Category Code *	: CRJ		Standard Estimate	
Total Line Length(m) *	:		Fixed Cost	: 0.00
Conductor Type	:		Variable Cost	: 0.00
Conductor Length(m)	:		Sub Total	: 0.00
Service Length(m)	:		Other Cost	: 0.00
Wiring Type *	:		Labour Cost	: 0.00
Is loop service?	:		Transport Cost	: 0.00
Cable Type	:	Select Cable Type	Overhead Cost	: 0.00
Spans	:		Conversion Cost	: 0.00
No. Poles	:		Tax Amount	: 0.00
No. Stays	:		Security Deposit	: 0.00
No. Struts	:		Estimated Total Cost :	0.00
SIN Number	:			
Phase	:	Select Phase		
Distance to Service Place(Km) *	:			
Fund Source & ID *	:	CP - CP		

Fixed Cost

No fixed

Variable Cost

No variable Cost

Other Cost(Material Cost)

Total Material Cost = X

Reconnection Period (in month)	Other Cost
M=1,2	X * 10%
M=3,4	X * 20%
M=5	X * 30%
M=6	X * 40%
M=7	X * 50%
M=8	X * 60%
M=9	X * 70%
M=10	X * 80%
M=11	X * 90%
M=12	X * 100%

Labour Cost

100% labour Cost

Transport Cost

100% of Transport Cost

Overhead Cost

100% overhead cost

Conversion Cost

No conversion cost

Security Deposit

No security deposit

Phase Change

30A Single Phase → 30A Three Phase

Category Code *	: CRJ	
Total Line Length(m) *	:	
Conductor Type	:	
Conductor Length(m)	:	
Service Length(m)	:	
Line Conversion Length(m)	:	
Wiring Type *	:	
Is loop service?	:	
Cable Type	:	Select Cable Type
Spans	:	
No. Poles	:	
No. Stays	:	
No. Struts	:	
SIN Number	:	
Phase	:	Select Phase
Distance to Service Place(Km) *	:	
Fund Source & ID *	:	CP - CP

Standard Estimate	
Fixed Cost	: 0.00
Variable Cost	: 0.00
Sub Total	: 0.00
Other Cost	: 0.00
Conversion Cost	: 0.00
Tax Amount	: 0.00
Security Deposit	: 0.00
Estimated Total Cost	: 0.00

Fixed Cost

Rs 15,000.00

Variable Cost

Rs 485 * Line Length

Other Cost(Material Cost)

No other cost

Conversion Cost

324* Line Conversion Length

Security Deposit

Normal Overhead/ Normal Underground/Underground Loop/Overhead Loop

Three	30	RP	Rs.	3,500.00
Three	30	IP	Rs.	6,000.00
Three	30	GP	Rs.	6,000.00
Three	30	DP	Rs.	3,500.00

30A Single Phase → 60A Three Phase (30-60 Conversion)

Category Code *	: CRJ	
Total Line Length(m) *	:	
Conductor Type	:	
Conductor Length(m)	:	
Service Length(m)	:	
Line Conversion Length(m)	:	
Wiring Type *	:	
Is loop service?	:	
Cable Type	:	Select Cable Type
Spans	:	
No. Poles	:	
No. Stays	:	
No. Struts	:	
SIN Number	:	
Phase	:	Select Phase
Distance to Service Place(Km) *	:	
Fund Source & ID *	:	CP - CP

Standard Estimate	
Fixed Cost	: 0.00
Variable Cost	: 0.00
Sub Total	: 0.00
Other Cost	: 0.00
Conversion Cost	: 0.00
Tax Amount	: 0.00
Security Deposit	: 0.00
Estimated Total Cost :	0.00

Fixed Cost

Rs 16,100.00

Variable Cost

Rs 620 * Line Length

Other Cost(Material Cost)

No other cost

Conversion Cost

324* Line Conversion Length

Security Deposit

Normal Overhead/ Normal Underground/Underground Loop/Overhead Loop

Three	60	RP	Rs.	10,000.00
Three	60	IP	Rs.	20,000.00
Three	60	GP	Rs.	20,000.00
Three	60	DP	Rs.	10,000.00

30A Three Phase → 60A Three Phase

Consider as a Other Cost Recovery Job

Other Cost Recovery Job

Category Code *	: CRJ		Standard Estimate	
Total Line Length(m) *	:		Fixed Cost	: 0.00
Conductor Type	:		Variable Cost	: 0.00
Conductor Length(m)	:		Sub Total	: 0.00
Service Length(m)	:		Other Cost	: 0.00
Wiring Type *	:		Labour Cost	: 0.00
Is loop service?	:		Transport Cost	: 0.00
Cable Type	:	Select Cable Type	Overhead Cost	: 0.00
Spans	:		Conversion Cost	: 0.00
No. Poles	:		Contingency Cost	: 0.00
No. Stays	:		Tax Amount	: 0.00
No. Struts	:		Security Deposit	: 0.00
SIN Number	:		Estimated Total Cost :	0.00
Phase	:	Select Phase		
Distance to Service Place(Km) *	:			
Fund Source & ID *	:	CP - CP		

Fixed Cost

No fixed

Variable Cost

No variable Cost

Other Cost(Material Cost)

100% Material Cost

Labour Cost

100%Labour Cost

Transport Cost

100% Transport Cost

Overhead Cost

100% overhead cost

Conversion Cost

100% conversion cost

Security Deposit

No security deposit

Contingency Cost

(Material Cost + Labour Cost + Transport Cost + Overhead Cost) * 5%

Temporary Connection

Less than 14 days (Festival)

Category Code *	:	TMP	Standard Estimate	
Total Line Length(m) *	:		Fixed Cost *	: 0.00
Conductor Type	:		Variable Cost *	: 0.00
Conductor Length(m)	:		Sub Total	: 0.00
Service Length(m)	:		Damage Cost	: 0.00
Wiring Type *	:		Other Cost	: 0.00
Is loop service?	:		Labour Cost	: 0.00
Cable Type	:	Select Cable Type	Transport Cost	: 0.00
Spans	:		Overhead Cost	: 0.00
No. Poles	:		Tax Amount	: 0.00
No. Stays	:		Deposit	: 0.00
No. Struts	:		Additional Deposit	: 0.00
SIN Number	:		Estimated Total Cost :	0.00
Phase	:	Select Phase		
Distance to Service Place(Km) *	:			
Fund Source & ID *	:	CP - CP		

Fixed Cost

20% of the Normal New Connection Fixed Cost

Variable Cost

10% of the Noarmal New Connection Variable Cost

Damage Cost

100% value of the non reusable items

Other Cost(Material Cost)

No other Cost

Labour Cost

100%Labour Cost

Transport Cost

100% Transport Cost

Overhead Cost

100% overhead cost

Deposit

Enter by Hand (ES Decided)

Additional Deposit

Enter by Hand (ES Decided)

Less than 30 days (Carnival)

Category Code *	:	TMP		Standard Estimate	
Total Line Length(m) *	:			Fixed Cost *	: 0.00
Conductor Type	:			Variable Cost *	: 0.00
Conductor Length(m)	:			Sub Total	: 0.00
Service Length(m)	:			Damage Cost	: 0.00
Wiring Type *	:			Other Cost	: 0.00
Is loop service?	:			Labour Cost	: 0.00
Cable Type	:	Select Cable Type		Transport Cost	: 0.00
Spans	:			Overhead Cost	: 0.00
No. Poles	:			Tax Amount	: 0.00
No. Stays	:			Deposit	: 0.00
No. Struts	:			Additional Deposit	: 0.00
SIN Number	:			Estimated Total Cost :	0.00
Phase	:	Select Phase			
Distance to Service Place(Km) *	:				
Fund Source & ID *	:	CP - CP			

Fixed Cost

No Fixed Cost

Variable Cost

No variable Cost

Damage Cost

100% value of the non reusable items

Other Cost(Material Cost)

20% of Material Cost

Labour Cost

100%Labour Cost

Transport Cost

100% Transport Cost

Overhead Cost

100% overhead cost

Deposit

Enter by Hand (ES Decided)

Additional Deposit

Enter by Hand (ES Decided)