

Temporary Energy Consumption Charges to be recovered from Outsiders/ Contractors
(for loads of single phase i.e. upto 400W & upto 1200W)

- i) Elect. Supply to be tapped from existing plug point nearby available.
- ii) No Meter, wiring or accessories will be provided by Railway.
- iii) Elect. Load of machine to be confirmed by concerned SSE/ SE.

1) Temporary energy consumption charges for single phase loads upto 400W (for drilling, cutting works etc)

- i) Taking working of 12 hrs per day.
- ii) Energy consumption /day will be = $0.4 \text{ KW} \times 12 \text{ Hrs/day} = 4.8$ say= 5 Units.
- iii) Energy consumption Charges for various locations –

Sr.No.	Locations	Supply Co.	Tariff	Charge / day in Rs.	say Rs.
1	CCG - MM	BEST	7.95	$5 \times 7.95 = 39.75$	40
2	BA - BYR	REL	7.17	$5 \times 7.17 = 35.85$	36
3	NIG - GVD & Kolde - PLD	M.S.E.D.C.L.	9.45	$5 \times 9.45 = 47.25$	48
4	UBR-UDN & NOL - BBAI	GEB	9.92	$5 \times 9.92 = 49.60$	50
5	ST	TPS. Co.	8.92	$5 \times 8.92 = 44.60$	45

- 1) Highest of the above rates, i.e. **Rs.50/-** shall be taken per day for the entire Division.
- 2) Maximum Elect. Load = 400W
- 3) Maximum Working Hrs. = 12 hrs/day.

2) Temporary energy consumption charges for single phase loads upto 1200W (for heavy drilling, cutting, polishing works etc.)

- i) Taking working of 12 hrs per day.
- ii) Energy consumption /day will be = $1.2 \text{ KW} \times 12 \text{ Hrs/day} = 14.40$ say= 15 Units.

iii) Energy consumption Charges for various locations -

Sr. No.	Locations	Supply Co.	Tariff	Charge / day in Rs.		say Rs.
1	CCG - MM	BEST	7.95	15 x 7.95 =	119.25	120
2	BA - BYR	REL	7.17	15 x 7.17 =	107.55	108
3	NIG - GVD & Kolde - PLD	M.S.E.B.	9.45	15 x 9.45 =	141.75	142
4	UBR - UDN & NOL - BBAI	GEB	9.92	15 x 9.92 =	148.80	150
5	ST	S.E.Co.	8.92	15 x 8.92 =	133.80	134

1) Highest of the above rates, i.e. **Rs.150/-** shall be taken per day.

2) Maximum Elect. Load = 1200W

3) Maximum Working Hrs. = 12 hrs/ day.

Annexure – II

SUB :- Total Charges to be deposited by Outsiders/ Contractors for Temporary Elect Connection for loads more than 1200W (Single & three phase).

1) Charges of Temporary elect service connection = **Rs.2500/-** (As per estimate at Annex.IV)

2) Cost of three phase meter = Rs.510/-

(RC. No. EEM /ES 5/RC-B2040000/0307/35 /No 139/645 Dtd.27/4/06)

Rent of meter per month say @ 5% of meter cost = Rs.25.50/- Say Rs.25/- per month.

Meter rent for 3 months - 3 x Rs.25/- per month = **Rs. 75/-**

3) **Security Deposit (S.D.)** equivalent to anticipated energy consumption charges for three months:

Unit Rate of Energy Charges for various locations -

Sr.No.	Areas	Supply Co.	Unit Rate in Rs.
1	CCG – MM	BEST	7.95
2	BA – BYR	REL	7.17
3	NIG - GVD & Kolde – PLD	M.S.E.D.C.L.	9.45
4	UBR – UDN & NOL – BBAI	GEB	9.92
5	ST	TPS Co.	8.92

Highest of the above rates, i.e. Rs.9.92/- **say Rs.10/-** shall be taken per unit for the entire Division.

a) **S.D.** calculations: = Elect. Load in KW x Working Hrs/Day x 90 Days x Unit Rate

= Elect. Load in KW x Working Hrs/Day x 90 x 10

(Elect load & working hrs will be advised by consumer)

b) **Refundable S.D.** = equivalent to 5% of S.D. at 3.a above.

4) **Total Charges to be deposited by consumer for Temporary Elect Connection for loads more than 1200W:**

Consumer has to pay following total charges for necessary connection calculated as following:

= Cost of service connection charges (item 1 above) + Meter rent (item 2) + Security Deposit (as calculated at item 3.a) + Refundable S.D (item 3.b)

= **2500 + 75 + S.D. + Refundable S.D**

NOTE-General conditions for Temporary electric connection are enclosed herewith & copy of the to be given to the consumer of all type of temporary elect connections.

General Conditions for Temporary Elect. Connections-

- 1) Application for Temporary Elect. Connection shall be submitted by the party/consumer in the proforma given by the Railway.(For all type of temp elect connections)
- 2) Charges is for arranging power supply up to a distance of 30 meter only from Rly's existing source of supply. For arranging power supply beyond 30 meter, party/ consumer can make his/their own arrangements for extending power supply to their installation from Railway's Mains under the supervision of Railways Representative.
- 3) The temporary connection shall be given for minimum of 3 months period. Extension can be given on submission of written application for further minimum three months period after following formalities.
 - a. Payment made by the consumer of previous three months.
 - b. Security Deposit to be adjusted to an amount equivalent to three months actual consumption or same as deposited earlier, whichever is higher.
 - c. Party shall deposit the additional amount equivalent to three months meter rent & 12.5% supervision charges.

i.e. Charges for extension for next 3 months= 3 x Rs.25/- per month +12.5% Supervision charges= 75+270(as per estimate) = 345/- Say **Rs.400/-**.
- 4) Shifting to another location or reconnection of disconnected existing temporary connection can be done after depositing the amount for shifting/ reconnection, equivalent to one day labour charges & 12.5% supervision charges.

i.e. Shifting/ reconnection charges = 1ELF-Gr I (405/day) & 1KH (203/day) +12.5% Supervision charges = (405+203) + 270 = 878/- Say **Rs.900/-**.
- 5) Temporary connection as above can be given by field units for the elect. loads up to 5KW only. For loads more than 5KW, temporary connection will be dealt by Sr.DEE(P) BCT's Office.
- 6) Concern SSE/SE of field unit shall issue an authority of elect connection to the party/ consumer, mentioning the following details. (For all type of temp elect connections)

Name of the party, station & Location of the connection required, date & Duration of the connection, Total Hours per day, Load particulars i.e. connected load, Single phase/ Three phase, etc. as per proforma enclosed
- 7) Energy Meter reading will be done fortnightly by concern SE/SSE & will monitor the energy consumption. If consumption found abnormally high, the party has to deposit additional amount of security deposit as per actual consumption. Payment of energy consumption shall be made on monthly

basis as per actual, and it will be deducted from the S.D. Monthly Record of transaction shall be maintained at SSE & SE's Offices.

- 8) Rates are valid for 3 months, but are subject to change based on the revision of rates by the electric supply companies, whichever is higher & earlier.
- 9) Penalty will be imposed if connected elect load or time/ period is found higher than sanctioned by the party. The penalty of Rs.1000/- per KW of excess load or part will be levied. The decision of Railway shall be final.
- 10) If the consumer founds unauthorized use of electricity or bypassing the energy meter
- 10) The service connections so provided along with the materials shall remain the property of Railways and consumer shall have no proprietary rights claims.
- 11) No claim for any damage to the man or material of the party. However damage to the Rly property by the party will be recovered.
- 12) The Railways reserves the right of disconnecting the electricity supply on any occasion of danger or urgency without prior notice to the party/ consumer.

APPLICATION FOR ELECTRICAL CONNECTION

- 1.Name of party - :_____
- 2.Address of party / :_____
- Mailing Address / :_____
- & Contact Nos. :_____
- 3.Name of work awarded / taken:_____
- _____
- 4.Station & location where connection is required:_____
- 5.Date on which connection is required :From_____ To _____
- 6.Duration for which connection is required :_____
- 7.Load particulars & burning hours:
 - a)Type of load/ machine :_____

b)Connected Load :_____Watts / HP
c)Phase :Single phase / Three phase
d)Total Hrs / Daily :_____ Hrs.

We fully undertaken the responsibility for the safe custody of the equipments, such as KWH meter, switches, cables etc that will be provided by the Rlys for electric connection, until the same are removed back by Rlys on written advice from us to that effect. We also undertake not to replace the above machines without the knowledge & approval of the Rlys or tamper with equipments provided by the Rlys. We also undertake to pay for whatever electrical energy that will be recorded by the meter provided by the Rlys for this purpose at the applicable rate inclusive of all taxes.

We shall strictly adhere to the I.E.Rules, Acts for availing temp elect. Supply from you & any deviation with the above rules, Acts Railways may take necessary action as prescribed from time to time.

Date: _____ Authorised Signature of Applicant

Place: _____ Name of Applicant

May kindly release electric connection, as party has deposited the following charges.

i) Service connection charges – Rs.____ ii) Meter rent for 3 months – Rs.____

iii) Security Deposit – Rs.____ iv) Refundable Security Deposit – Rs.____

v) Total Amount deposited by the party – Rs.____

(calculated as per sample calculations advised by Elect Dept).

Forwarded to SSE/P for giving electric connection.

SSE/Works/

SSE/P/

AUTHORITY OF ELECTRICAL CONNECTION

Electric connection has been given to the party as per following details.

1. Name of party - :_____

2. Station & location where connection is required:_____

3. Date on which connection is required :From_____ To _____

6. Duration for which connection is required :_____

7. Load particulars & Working hours:

a) Type of load/ machine :_____

b) Connected Load :_____ Watts / HP

c) Phase :Single phase / Three phase

d) Total working Hrs / Day :_____ Hrs.

8. Charges deposited by the party towards temp elect connection : _____

9. Money Receipt No. & Date : _____

10. The above charges as advised by Engineering Dept & deposited by the party/consumer are checked & found correct as per load particulars & working hrs / period.

SSE/SE/JE (Elect.Power)

Note: The party/ consumer shall keep this authority letter with their workers during the execution of the temporary electric connection contract.

Sub: Sample Calculations for working out Temporary Elect Connection Charges

- A) Total Charges to be deposited by Outsiders/ Contractors for Temporary Elect Connection for loads more than 1200W (Single & three phase)-

1	Name of machine for which elect supply is required	Welding machine
2	Elect load of machine in KW	2500 Watts i.e.2.5KW
3	No. of machines	01 No.
4	Total elect load = Load per machine x No. of machines = 2.5 X 1	2.5 KW
5	Total Working Hrs / Day	06 Hrs
6	Security Deposit = Elect. Load in KW x Working Hrs/Day x 90Days x Unit Rate of Energy = 2.5 KW X 6 Hrs X 90 Days X 10 /-	Rs. 13500/-
7	Refundable Security Deposit = 5% of S.D. at item7 above = 13500/- X 5%	Rs. 675/-
8	Service connection charges	Rs. 2500/-
9	Meter rent for 3 months – 3 x Rs.25/- per month	Rs. 75/-
10	Total charges = Service connection charges (item 8) + Meter rent for 3 months (item9) + Security Deposit (item 6) + Refundable S.D (item 7)	Rs. 16750/-

	=2500 + 75 + 13500 + 675	
11	Charges for Extension for next 3 months (in addition Security Deposit as per general conditions)	Rs. 400/-
12	Shifting or reconnection of disconnected existing temporary connection	Rs. 900/-

B) Temporary energy consumption charges for single phase loads upto 400W Single phase (Max load 400W & Max working Hrs 12hrs/ day) -

1	No. of days for which connection is required	Say 15 days
2	Energy consumption charges	Rs. 50/- per day
3	Security Deposit = No. of days x energy consumption charges = 15 X 50/-	Rs. 750/-

C) Temporary energy consumption charges for single phase loads upto 1200W Single phase (Max load 1200W & Max working Hrs 12hrs/ day) -

1	No. of days for which connection is required	Say 7 days
2	Energy consumption charges	Rs. 150/- per day
3	Security Deposit = No. of days x energy consumption charges = 7 X 150/-	Rs. 1050/-

Final Settlement Statement of Temporary Electric Connection –

1. Name of party - :_____

2. Station & location where connection was provided:_____

3. Date of connection:_____ 4. Date of disconnection:_____

5. Duration of connection :_____ Days / Months

6. Serial Number of Energy meter :_____

7. Initial Energy meter reading:_____ 8. Final Energy meter reading:_____

9. Total Energy Consumption : _ _ _ _ _ Units

10. Unit Rate of Energy : Rs. 10/- per Unit

11. Total Energy Bill : Energy Consumption Units X Unit Rate
: _ _ _ _ _ X 10/- = Rs. _ _ _ _ _

12. Cost of material damaged by the party : Rs. _ _ _ _ _

13. Final Bill due from the party : Total Energy Bill (item 11) + Cost of material
damaged (item 12)
: Rs. _ _ _ _ _

14. Security Deposited by the party : Rs. _ _ _ _ _

15. Refundable Security Deposit : Rs. _ _ _ _ _

16. Total Amount deposited by the party : S.D.(item14)+Refundable S.D.(item 15)
: Rs. _ _ _ _ _

17. Refund to the party : Total Amount deposited by the party (item 16) - Final Bill
due from the party (item13)
: Rs. _ _ _ _ _

18. If Final Bill from the party (item13) is more than Total Amount deposited by the party
(item16) then,

Additional payment to be made by the party : Final Bill - Total Amount deposited
: Rs. _ _ _ _ _

It is certified that,

i) The party has made the additional payments against dues at item 15 above or

ii) Amount mentioned at item 17 above may be refunded to the party.