



Gujarat Urja Vikas Nigam Ltd. Well Comes

Vibrant Gujarat Global Investors Summit-
2007



SUPPLY VOLTAGE

Contract Demand	Supply Voltage
Up to 4000 KVA	At 11 KV/ 22KV
Above 4000 KVA	At 66 KV and above



Where to apply for Power Connection

Name of DISCOM	Name of Districts
Madhya Gujarat Vij Company Ltd. (MGVCL) Vadodara	Vadodara, Anand, Kheda, Panchmahal, Dahod
Uttar Gujarat Vij Company Ltd. (UGVCL) Mehsana	Ahmedabad (except city), Gandhinagar (except city), Mehsana, Banas Kantha, Patan, Sabar Kantha
Paschim Gujarat Vij Company Ltd. (PGVCL) Rajkot	Rajkot, Porbandar, Junagadh, Jamnagar, Kutch, Bhavnagar, Amreli, Surendranagar
Dakshin Gujarat Vij Company Ltd. (DGVCL) Surat	Surat except city, Bharuch, Narmada, Dang, Valsad, Navsari



Processing and releasing Authority of HT connection

UP TO 275 KVA	CIRCLE OFFICE
Above 275 KVA	CORPORATE OFFICE



Procedure for Registration of Application for HT Power Supply

- **Application for supply of power shall be made in the prescribed form.**
- **The requisition for supply of electrical energy shall be accompanied by registration charges as under.**
- **HT and EHT supply @ Rs.10 per KVA with a ceiling of Rs.25000.00**



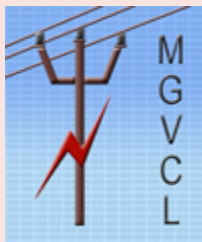
Checklist- Submission of Documents for Power Supply

- **Prescribed Application Form in Six Copies**
- **Site plan with key map indicating point of supply**
- **Land documents – Plot Allotment letter OR 7/12 and 8A Abstract, OR Sale deed**
- **Memorandum of Articles**
- **Resolution authorizing the person(s) to sign Application and Agreement**
- **Short Description of process**
- **Certificate regarding Industrial use of land from Collector (Before work is taken up on hand.)**
- **NOC of Gujarat Pollution Control Board (Before actual release of power supply.)**



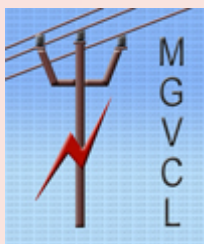
Estimate [1]

- **On registration of demand, the DISCOM shall furnish an estimate including Security Deposit and charges for providing electric line/infrastructure as per technical feasibility report.**



Estimate [2] Line Charges

Sr. No.	Item	Rate per KM
1	11KV HT Line Rabbit conductor PSC pole	1.5 lacs
2	11KV HT Line Rabbit conductor RSJ Pole	3.5 lacs
3	11KV HT Line Dog conductor RSJ Pole	4.6 lacs
4	66KV S/C with Dog conductor	9 lacs
5	66KV D/C with Dog conductor	14.5 lacs
6	66KV D/C with Panther conductor	15.7 lacs



Estimate [3] Prorata GETCO Charges

Sr.No.	Voltage KV	Amount per KVA in Rs.
1.	220 KV	815
2.	132 KV	825
3.	66KV	835
4.	11KV/ 22KV	850



Agreement

An applicant shall enter into an Agreement with the DISCOM before commencement of work accepting the terms relating to tariff and other conditions of Supply Code.



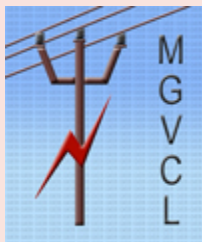
EXECUTION OF WORK

- On payment of Estimate and on execution Of agreement, the work of erection of line and infrastructure is taken up on hand.
- The amount deposited by the Applicant shall be subsequently adjusted, on completion of the work on the basis of actual cost plus supervision charges at 15% of the total cost of the materials and labour.
- Prospective consumers may be allowed to execute works on turnkey basis.



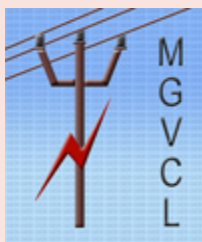
Security Deposit [1] Methodology

- The applicants for electricity shall pay in the beginning a Security Deposit towards the electricity to be supplied to them as 1.5 times the monthly Consumption Charges taking demand charges based on 85% of contract demand plus energy charges based on 80% of load factor plus all other levies and taxes.



Security Deposit [2] Interest Provision

- The DISCOM shall pay interest on Security Deposit of consumer, at the Bank Rate (as on 1st April of every year) notified by Reserve Bank of India or such higher rate as may be fixed by the Commission from time to time.



Security Deposit [3] Ready Reckoner.

Contract Demand in KVA	S. D. (Rs.in Lacs)	Interest @ 6% per Annum (Rs. in lacs)
500	15.92	0.96
1000	32.09	1.93
2000	68.40	4.10
3000	105.22	6.31
5000	177.23	10.63
6000	213.24	12.79
7000	249.25	14.96
8000	285.25	17.12



RELEASE ORDER

- **On completion of work, the release order is issued**
- **Metering Equipment (CTPT and METER) is issued by DISCOM up to Contract Demand of 4000 KVA at 11KV/22KV, if available.**
- **EHV consumer is required to procure and install CT and PT units as per specifications approved by DISCOM.**
- **Applicant has to submit Test report for actual release of power supply. Otherwise the connection is deemed (unconnected release) released after expiry of 2 months.**



Time frame for release of power supply Above 100 KVA and up to 4000 KVA

ACTITIVITY	TIME LIMIT
Issue of feasibility clearance	Within 7 days of receipt of application.
Issue of Demand notice	Within 15 days of receipt of application.
Release of connection	Within 45 days after compliance of Demand Notice/formalities by prospective consumers.



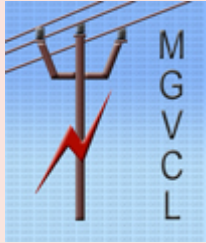
Time frame for release of power supply Above 4000 KVA

ACTITIVITY	TIME LIMIT
Issue of feasibility clearance	Within 15 days of receipt of application.
Issue of Demand notice	Within 30 days of receipt of application.
Release of connection	Within 180 days after completion of Demand notice/formalities by prospective consumers.



LOAD DEVELOPMENT PERIOD

Contract Demand	Development Period from the deemed date of commencement of supply	Minimum billing demand shall be highest of the following
Up to 2000 KVA	Up to 3 months	1) Actual maximum demand established during the month 2) 100 KVA
Above 2000 KVA but up to 5000 KVA	Up to 6 months	-do-
Above 5000 KVA	Up to 6 months Above 6 months but up to 12 months	-do- 1) Actual maximum demand established during the month 2) 75% of the demand declared in phased manner 3) 100 KVA



TARIFF RATE HTP-I

Demand Charges

(a)	For First 500KVA of billing demand	Rs.98/- per KVA per month
(b)	For Next 500KVA of billing demand	Rs.139/- per KVA per month
(c)	For Next 1500KVA of billing demand	Rs.208/- per KVA per month
(d)	For billing demand in excess of 2500KVA	Rs.237/- per KVA per month



TARIFF RATE HTP-I

Energy Charges

(a)	Up to 1000 KVA contract demand	375 Paise per Unit
(b)	For 1001 KVA to 2500 KVA contract demand	395 Paise per Unit
(c)	Above 2500 KVA contract demand	405 Paise per Unit



REBATE FOR SUPPLY AT EHV

	On Energy charges	Rebate@
(a)	If supply is availed at 33/66KV	0.5%
(b)	If supply is availed at 132 KV and above	1.0%



CONCESSION FOR USE OF ELECTRICITY DURING NIGHT HOURS

The energy consumed during night hours as in excess of one third of the total energy consumed during month shall be eligible for Concession at the rate of 75 Paise per unit.



POWER FACTOR REBATE

For each 1% improvement over 95% Power factor, the HT consumers will get 0.5% rebate on their demand and energy charges.

Annexure

FORM OF APPLICATION FOR HIGH VOLTAGE SUPPLY OF ELECTRICAL ENERGY (NOT LESS THAN 100 KVA)

(a) I/We hereby require you to supply electrical energy to the premise owned/occupied by me/us hereafter described.

(b) I/We hereby agree to take supply and pay for the said energy, service connection and other dues including the deposit of such security as may be demanded in accordance with the rates and conditions of supply in force from time to time and further declare and agree to take supply of energy for the under mentioned purpose for my/our bonafied use for a period of not less than two years from the date of commencement of supply.

(c) I/We also undertake to receive supply within sixty days from the date the Distribution Licensee intimates that it is ready to give supply to our premises, failing which I/We undertake to pay the minimum charge as may be prescribed.

(d) Applicants have to furnish following particulars.

11. Name of the applicant:

22. Connection Type: New / Transfer.

2 2(a) If Yes, Name of Original Consumer:

3 3(a) Status of the applicant:

(Property concern/partnership firm /Co-operative Society/Public limited Company /
Private limited Company/Registered Trust/Government Dept.)

3 3(b) Registration No: in case of Co-operative Society

**3 3(c) No. given by the registrar of Companies in case of private public limited
companies.**

3(d) In case of partnership firm whether the deed of partnership is registered.

4. Address of the registered office of the applicant.
5. Address where the correspondence is desired to be made.
6. Address of the place where power supply is required.
- 7(a) Existing Contract Demand in KVA (Only applicable for Consumer requiring change in contract Demand).
- 7(b) If Yes, furnish copy of Agreement for existing Contract Demand.
- 7(c) New Contract Demand in KVA and supply voltage required.
8. Quantum of electrical power.....KVA for Permanent Supply required.
9. Tentative date by which power required (or is expected to be utilised)
10. Please give complete details of the process and final product.

11. Name and designation of the person(s) who is/are authorised to execute the Agreement for power supply on behalf of the applicants.
12. Name and /or designation of the person(s) who is /are authorised to correspond with the Distribution Licensee on behalf of the applicant for day to day work. Xerox copy & the letter/ Distribution Licensee's resolution under which authority is given to above person.
13. Name/or designation of the person(s) who is /are authorised to deal with the contractual matter on behalf of the applicant.
14. Whether any low Voltage connection is existing if so, please furnish full details of the same (connection no., connected load, place, purpose for which power is utilised etc.)
15. Whether the supply is asked for (i) expansion or (ii) extension of the existing industry or (iii) for altogether a new industry in the state.

16. Whether power is obtained at present from source other than the Distribution Licensee.

If yes, details of the same to be given.

17. Whether power is generated by own generating set? If yes, details to be given.

18. What is fixed capital investment of the proposed unit. (Certificate from the chartered accountant or from industries Commissioner on the basis of project in respect of its fixed capital investment may be furnished)

(i) Of the existing plant

(ii) Of the expansion if any, proposed.

19. Whether proposed industrial unit is located in any GIDC or private estate. (if so , name of the estate may please be given)

Whether proposed industrial unit is situated within a radius of 5 km of a GIDC industrial Estate.

20. Whether the proposed unit is an industrial undertaking engaged in manufacturing goods or a service industry, please describe in detail furnishing also the following particular.

(i) SSI registration number if is a small scale industry.

(ii) DGTD, New Delhi's registration number or industrial license number if it is a medium and large scale industry.

21. Please enclose 6 copies of the plans of small size with key plan showing clearly location of the premises, boundary of the premises, the public roads (with the name of the road), if any, inside and outside the premises and lands, if any, belonging to outside agency intervening the premises.

Following information in the site plan also be furnished.

(I) Name of village/villages/town in the revenue limit of which the premises of our proposed unit falls.

(II)(II) Name of Taluka/Talukas under the revenue limit of which the above said village falls.

(III) Name of District/Districts in the revenue limit of which the above said village falls.

21. Additional information if any.

Date:	Signature:
Place:	Designation: (Authorised Signatory)



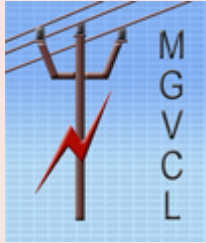
GENERATION AVAILABILITY

Agency	Derated Capacity in MW
GSECL	4968
IPP-State	961
IPP-Private	1455
Central Share	1945
SSNL-Hydro	232
Total	9561



CAPACITY ADDITION IN 11TH PLAN

YEAR	SECTOR			TOTAL
	STATE	CENTRAL	PRIVATE	
2007-08	187	403	990	1580
2008-09	250	316	0	566
2009-10	1310	408	1100	2818
2010-11	1090	163	600	1853
2011-12	1760	187	2400	4347
Total	4597	1477	5090	11164



EXISTING TRANSMISSION INFRASTRUCRURE

SR. NO	CLASS	LENGTH IN CKM	NO.OF SUB STATION	CAPACITY OF S/S IN MVA
1	400KV	1828	9	8045
2	220KV	11818	63	15520
3	132KV	4552	48	5561
4	66KV	16745	728	14715
5	33KV	69	1	15
	TOTAL	35012	849	43856



TRANSMISSION CAPACITY ADDITION IN 11TH PLAN

YEAR	CLASS			TOTAL	TOTAL CKM LENGTH
	400KV	220KV	66KV		
2007-08	0	0	45	45	450
2008-09	0	2	43	45	
2009-10	1	1	30	32	
2010-11	0	0	25	25	
2011-12	0	0	18	18	
TOTAL	1	3	161	165	