

Permanent Electric Connection Checklist

- Complete filled application
- Original Customer Request on letter head with presence of original customer or documented authorized person by owner
- Copy of Possession Letter
- Copy of Owner's CNIC & Witness along with active credentials i.e. Contact Details and Address.
- Environment Certificate

PROCEDURE

FOR

ELECTRIC POWER CONNECTIONS

TO CONSUMERS

AT

SUNDAR INDUSTRIAL ESTATES

SUNDAR

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PROCEDURE FOR POWER CONNECTION TO CUSTOMER

**PROCEDURE FOR SUPPLY OF
ELECTRIC POWER CONNECTION TO CONSUMERS
AT SUNDER INDUSTRIAL ESTATE.**

1- GENERAL

In order to provide Electric Power Supply to industry falling in different categories, the following set of guide lines are established for standard power supply.

1.1 - INDUSTRIAL SUPPLY- Definitions

- 1) Industrial Supply means a supply for bona fide industrial purposes in factories including the supply required for the offices and for normal working of the industry and also for water pumps and tube – wells operating on three phase 400 volts, other than those meant for the irrigation or reclamation of agriculture land.
- 2) For the purposes of application of this tariff an “industry” means a bona fide undertaking or establishment engaged in manufacturing, value addition – and / or processing of goods.

2. - PROCEDURE

- 2.1- Customer relation person will issue application form to the Prospective Customer.
- 2.2- Answer Customer Queries and provide guidance in line with PIE load criteria.
- 2.3- Customer relation person shall receive the application Form duly filled and complete in all respects from the Customer.
- 2.4- Enter the same in the register and provides application registration No. and date to the Customer.

2.1- SERVICE CONNECTION PARAMETERS.

- 2.1.1- The load will be charged at Rs. 4000 per KVA as Transformation Capacity for B-1 & B-2 Industrial Customers.
- 2.1.2- Customer relation officer sends the application to the Engineer / Consultant for estimating the materials, and providing the complete cost of material to be charged from Customer in addition to the load demand.
- 2.1.3- The Engineer / Consultant shall visit the site and evaluate the Technical feasibility of request of the Customer.
- 2.1.4- PIE will provide Transformer Capacity up to 500 KW / 588 KVA Max capacity.
- 2.1.5- Customer demanding B-3 connection shall purchase their own Transformer under intimation to PIE.

2.2- CATEGORIES OF INDUSTRIAL CUSTOMERS

- 2.2.1- **B-I** Up To 5 KW / 5.88 KVA
The load will be charged at Rs. 4000 per KVA as Transformation Capacity for B-1 Industrial Customers.
- 2.2.2- **B-2** 6-500 KW / 24.70 – 588 KVA (at 400 Volts)
The load will be charged at Rs. 4000 per KVA as Transformation Capacity for B-2 Industrial Customers.
- 2.2.3- **B-3** 501Kw up to 5000 KW / 5880 KVA (at 11 kV)
Customer demanding B-3 connection will purchase their own Transformer under intimation to PIE.

In this case the customer will provide a space for one No. 3 way Switch at the periphery adjacent to the inset and also build a room for 11 kV metering panel besides the inset. The customer will pay for the cost of 3 way switch, 11 kV cable from switch to metering panel and panel to transformer along with cost of terminations and installation cost of the material. Customer will procure 11 kV metering panel according to specification (provided by PIE) and get it inspected from PIE / consultant after paying 1.5 % cost of the material as inspection fee to PIE.

2.2- **Minimum power for Industrial connection.**

The permanent Industrial connection is start from 50 KW.

3. - **Material Cost**

In case of B-I & B-2 customers, the Power Supply will be provided to the customer on LT from the secondary of Pad Mounted Transformer located inside the Inset at periphery. The meter for recording the consumption will be installed either on the wall of Inset or free standing on the floor. Detailed material requirement will be prepared for the Metering alongwith cost and demand notice will be provided to customer for payment and electric connection will be on total payment basis.

4. - **Connection Security Charges:**

Following refundable security rates per KW will be applicable:

B-2 Rs. 2010/- Per KW

B-3 Rs. 2980/- Per KW

5. **METERING EQUIPMENT**

5.1 - The metering equipment for the customers B-I & B-2 other than those with 11 KV metering will be provided by PIE and charged to the customer.

5.2 - For B-3 customers, 11 KV Metering Panels will be purchased by the Customers from approved LESCO suppliers. KWH and KVARH meters will be provided by PIE but charged to customers.

5.3- The calibration of KWH and KVARH meters for correctness will be certified by the Manufacturer to be with in the applicable I.E.C. standards.

5.4- In case of any dispute, the same will be got tested through the Electric Inspector to the Govt. of Punjab / LESCO as agreed between PIE and customer. The testing charges will be borne by the party challenging the accuracy of KWH + KVARH meters / equipment.

GUIDE LINES FOR DEMAND NOTE

6.- DEMAND NOTE

The demand note for all categories will include the following Costs:

6.1- CHARGES FOR SUPPLY ON B-1 CUSTOMERS

- 6.1.1- Rs.4000 x KVA demand – (A).
- 6.1.2- Metering equipment cost including LT Cables & accessories – (B).
- 6.1.3- Installation cost (Contractor Charges) – (C).
- 6.1.4- Services & handling charges @ 10% of [(B) + (C)].

6.2- CHARGES FOR SUPPLY ON B-2 CUSTOMERS

- 6.2.1 Rs. 4000 x KVA demand – (A).
- 6.2.2 Cost of Metering equipment cost including LT Cables & accessories – (B).
- 6.2.3 Installation charges (contractor charges) – (C)
- 6.2.4 Services & handling charges @ 10% of [(B) + (C)].

6.3- CHARGES FOR SUPPLY ON B-3 CUSTOMERS

- 6.3.1- Rs. 1500 / KVA underground system charges.
- 6.3.2- Price of 3- Way Switch.
- 6.3.3- Customer will provide 11 kV metering panel and his own transformer depending on the load applied and as per approval of PIE. Both the items will be procured from the approved LESCO suppliers.
- 6.3.4- 10% Services & handling charges on sum of above amount.

7.0- TRANSFORMATION CHARGES FROM CUSTOMERS

PIE has already installed the transformers at Sundar Industrial Estate, Sundar. The Customers are to be fed from 500 KVA, 750 KVA or 1250 KVA Transformers thus installed.

The Transformers for B-3 Industrial Connections shall be procured directly by the Customers.

The Transformer cost is to be recovered from the Customer and for this purpose an average cost / KVA is worked out as under:

Transformer Rating	Cost of Transformer Rs.	Per KVA Cost Rs.
500 KVA	2,200,000/-	4400/-
750 KVA	3,000,000/-	4000/-
1250 KVA	4,400,000/-	3520/-

- Average cost for charging the Customer per KVA = Rs. 3,973/-
- Charges for handling, unloading at store & shifting to site of Transformers = Rs. 20 / KVA.
- Per KVA Charges = Rs. 3,973 + 20 = Rs. 3,993/-

Say **Rs. 4,000 / KVA.**

Note:

The charges of Rs. 4,000/ KVA may vary and Customer will be charged according to the KVA calculated on the procured cost of equipment.

APPLICATION AND AGREEMENT FORM

8.1- LOAD PERFORMA

Name: ----- NIC # -----

Name of Industry: -----

Type of Industry: -----

Running Period: ----- hrs/day

Plot Size -----

Load Demand:

	Present Load	
Peak Load	-----	KW
Average Load	-----	KW

**Signature of
Applicant**

8.2- PUNJAB INDUSTRIAL ESTATES APPLICATION AND AGREEMENT FORM FOR POWER SUPPLY AT SUNDAR

Name: ----- Father / Husband Name: -----

National Id Card:

					-								-	
--	--	--	--	--	---	--	--	--	--	--	--	--	---	--

Complete Address: -----

Address where -----

Power required

Owner / or / Lessee: -----

If lessee, attach proper documents & Owner's permission.

LOAD REQUIRED.

Details	Qty	Load required
Fans	-----	-----
Lights	-----	-----
Air conditioners	-----	-----
Motors.	-----	-----
Misc.	-----	-----

TOTAL LOAD REQUIRED ----- **KW**

I/we under take that:

- Will use the equipment mentioned above for taking power supply.
- Will abide by rules of PIE & pay the power charges as per bill rendered by PIE including any change in Power Tariff from time to time.
- To maintain the Power Factor @ 0.9 on all time. In case of lower Power Factor PIE will impose penalty in line with LESCO.
- Have read, understood and agree to the contract conditions provided by PIE.

Photocopy of ID Cards attached.

Signature of Applicant

Witness Signature

National ID card:

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ABRIDGED CONDITIONS OF SUPPLY

9.0- ABRIDGED CONDITIONS OF SUPPLY

- 9.01- APPLICATIONS FOR SUPPLY – All applications for supply of energy shall be made on the PIE’s prescribed form, known as “application and Agreement for Supply of Energy” available from PIE Office. The applications shall be filled in and signed by the owners or occupiers of the premises who desire to take the supply. The applications shall be accepted for registration only if they are duly accompanied by the necessary documents as advised by the said PIE relation personnel. Any assistance or information required for filling up the form of application will also be provided to the applicant by the local PIE Office.
- 9.02- POINT OF SUPPLY – PIE shall give supply to the applicant / consumer’s premises at **one point only**, and if required by the PIE, the sub-station building on the applicant / consumer’s premises for accommodating and housing the metering apparatus shall be erected as approved by PIE at the applicant / consumer’s expense, and shall be maintained in good and working condition by the consumer.
- 9.03- APPROVAL OF CONSUMER INSTALLATION – The Consumer shall supply to PIE a certificate “Wiring Test Report” from any Govt. approved ‘A Class Contractor’ / Agency for the soundness of his installation, authorizing PIE to connect the installation with its system.
- 9.04- EXTENSIONS IN CONSUMER’S INSTALLATION – The consumer’s electrical installation besides the wiring, shall include the energy consuming apparatus (i.e. motors, lamps, fans etc.) as stated in his application and / or connected to the PIE’s mains. PIE must be notified of any extension being made to the existing installation and/or of any change being made in the existing wiring and a new application must be made to PIE for Power supply to the additional installation. In the event of any addition or alternation made to the existing wiring or the energy consuming apparatus without the prior inspection, test and approval, PIE shall be entitled to disconnect supply to the consumer’s mains without any prior notice, and in the event of any damage done to PIE’s system resulting from such unauthorized addition or alternation, the consumer shall pay to PIE all expenses on account of and connected with, such damage.
- 9.05- DEFECTS IN CONSUMER’S INSTALLATION – In the event of any defect discovered in the consumer’s wiring or apparatus connected to PIE’s mains or of any earth, or leakage occurring in any section of the circuits so connected, the consumer, in the absence of any of PIE’s authorized employees, shall immediately disconnect such part of the wiring or apparatus from PIE’s circuits and notify PIE and PIE shall have the right to disconnect, at any time, the defective section or part of the consumer’s wiring or apparatus from its supply system until the defect or fault therein has been removed or remedied to the satisfaction of PIE.
- 9.06- “SERVICE CONNECTIONS – Service lines shall be laid by PIE either directly from the grid station or from any of the distribution mains, as PIE may decide and the consumer shall pay, on demand, cost of service line, services equipment, transformer and other sub-station equipment in lump-sum. Notwithstanding that the cost of a part of the service line may have been paid for by the consumer, the whole of the service line, together with any wires, meters and other apparatus belonging to PIE and installed on the consumer’s premises shall be, and remain the property of PIE who shall also have the right to sue it for the supply of energy to any other consumers.”

Applicant Signature

- 9.07- METERS MAXIMUM DEMAND INDICATORS OR OTHER MEASURING APPARATUS- In the absence of an agreement to the contrary, the amount of energy supplied to a consumer shall be ascertained by means of a “correct” meter, maximum demand indicator or other measuring apparatus. A kilowatt-hour meter shall be deemed to be “correct” if it registers the amount of energy supplied in kilowatt-hours within the permissible limit of error (i.e. 2 ½ per cent plus or minus) and a maximum demand indicator or other measuring apparatus shall be deemed to be “correct” if it registers the amount of energy supplied in kilowatt within the permissible limit of error (i.e. 3 per cent plus or minus).
- 9.08- RECTIFICATION OF FAULTS IN PIE’s SYSTEM RESULTING IN FAILURE OF SUPPLY – Should the supply to any consumer fail at any time due to any cause other than blowing off consumer’s own fuses, the consumer shall immediately contact, or communicate with, the local complaint office established at site. Fault, if any, detected in PIE’s supply system shall be rectified without any delay.
- 9.09- RESTRICTION ON USE OF ENERGY, SHEDDING OF LOAD AND SHUT DOWN OF POWER – PIE may, at any time, on account of emergency, shortage of power or accidental break-down of electric supply lines or works may request to observe mandatory load management.
- 9.10- LIABILITY OF THE CONSUMER FOR DAMAGE TO PIE’s APPARATUS – The consumer shall be solely responsible for, and shall pay for any loss of or damage to, any electric supply lines, main fuses, meters and/or other apparatus belonging to PIE on the Consumer’s premises, whether caused maliciously or through culpable negligence or default on the part of the consumer or any of his employees, or whether arising out of fire, theft or any other cause beyond the control of PIE, always excepting reasonable wear and tear and loss or damages arising out of defects in the aforesaid electric supply lines, main fuses, meters and / or other apparatus belonging to PIE on the consumer’s premises.
- 9.11- DISCONTINUANCE OF SUPPLY - Without prejudice to the rights of PIE to take such other action against consumer as provided by the Electricity Act 1910 or the Electricity Rules 1937, and subject to conditions and restrictions, if any, imposed by the Act or the Rules, PIE shall be entitled to disconnect supply without notice to the owner or occupier of any premises to which the supply is made, and for that purpose, to take off or remove any electric supply line, metering equipment or other apparatus from the premises, if PIE has reasons to believe that such owner or occupier of the premises has:

Secured the electric connection by fraudulent means: or

adopted any appliance, or has used the energy supplied to him by PIE for any purpose or has dealt with it in any manner, so as unduly or improperly to interfere with the safety or efficient working of the electric supply line or works of PIE or with the efficient supply of energy by PIE to any other person: or.

used the energy supplied to him by PIE under one method of charging in a manner for which a higher method of charging is in force: or.

broken, tempered with or counterfeited PIE’s seals, casing or covering, affixed or placed by PIE to protect meter, maximum demand indicator or other measuring apparatus referred to in Section 26 of the Act; or.

Applicant Signature

altered the index of any meter, maximum demand indicator or other apparatus referred to in Section 26 of the Act; or.

prevented any meter, maximum demand indicator or other apparatus, referred to in Section 26 of the Act, from duly registering the amount of energy supplied or the electrical quantity contained in the supply; or.

prevented the supply, consumption or use of energy from being duly registered by any meter, maximum demand indicator or other apparatus referred to in Section 26 of the Act; or.

made any additions or alterations in his energy consuming apparatus without notifying the same to PIE with a view to their being examined, tested, accounted or charged for by PIE, before being put into use; or.

knowingly and willfully contravened any provision of the Act or the Rules or of these conditions of supply or the terms of any agreement with PIE; or.

knowingly and willfully failed to comply with any provision of the Act or the Rules or of these conditions of supply or of the terms of any agreement with PIE; or.

failed to pay any amount assessed against him by PIE, before the expiration of seven day's notice to disconnect supply served upon him by PIE under Section 24 of the Act; or.

assigned without the written consent of PIE, any of the benefits of the agreement for supply with PIE to any other person; or.

ASSIGNMENT OR TRANSFER ETC. OF AGREEMENT – The consumer shall not assign, transfer or part with any of the benefits of his agreement for supply with PIE, nor shall he, in any manner part with or create any partial or separate interest there under.

- 9.12- **SERVICE OF NOTICE** - Any Notice by PIE to the consumer shall be deemed to be duly given if served in writing, addressed to the consumer and delivered by hand at, or sent by post to the address specified in the Consumer's Application and Agreement for Supply of Energy executed with PIE or as subsequently notified in writing by the consumer to the office concerned of PIE.
- 9.13- **DISCONNECTION OF SUPPLY AT CONSUMER'S REQUEST** – In the event of a consumer making request for discontinuance of supply to his premises, whether permanently or temporarily, PIE may require the consumer to intimate to PIE the specific reasons for making such a request, and PIE shall not be bound to comply with any such request until PIE is satisfied that the request has been made by the consumer on legitimate grounds and not merely to evade payment to PIE of any fixed/minimum monthly charge in respect of reservation of supply or any other sum due to PIE for the period of such discontinuance of supply.
- 9.14- And in the event of consumer's request being accepted by PIE, the consumer shall be and remain, responsible for all charges in respect of the energy consumed upon the said premises and for all other charges which may become due to PIE in respect of the said premises in accordance with PIE's Schedule of Electricity Tariffs and PIE's Schedule of Services and general Charges in force from time to time, till the date of expiry of the period of reservation of supply, irrespective of the fact that the actual date of discontinuation of supply falls before that date.

Applicant Signature

- 9.15- **CHANGE OF CONSUMER** – When any person occupies any premises previously occupied by a consumer and desired to be supplied with energy, he shall first clear all the arrears of electricity dues outstanding against the premises and later, as if he were an original applicant, enter into an agreement with PIE and shall, if so required, furnish security to PIE as prescribed in these conditions of supply, and his installation shall be re-rated by PIE so that such person may not be held responsible for any alternation in the connected load which may have been carried out by the previous consumer without the approval of PIE.
- 9.16- **SECURITY DEPOSIT** - Before commencing or resuming supply to a premises, or, if there is change in the owner or occupier of a premises during the continuance of supply to such premises, PIE may require a consumer or the owner or occupier of such premises to lodge with PIE as security for the payment by the consumer of his monthly bills and for the value of meters and other measuring apparatus belonging to PIE on the consumer's premises, a deposit in accordance with the scale prescribed in PIE's Schedule of Consumer's Security Deposit in force from time to time. The security deposit shall be offered and accepted in cash only and shall not be transferable in the name of any other consumer or same consumer against his other connection.
- 9.17- **BILLS** – (a) PIE shall, ordinarily, render bills to the consumer monthly, and payment thereof, which must include bank charges (if any), to be paid by Consumer. If any bill is not paid by a consumer in full within the prescribed days after the date of its presentation to him, the consumer, shall, upon PIE giving him seven day's notice in writing if its intention to disconnect supply, be liable to have the supply to his premises disconnected by PIE. Should the premises be so disconnected, the supply shall not be reconnected or restored by PIE until full payment has been made by the consumer of all the outstanding bills including the minimum /fixed charges for the continued reservation of supply during the period of such discontinuance of supply and the charges for reconnecting or restoring the supply as prescribed in the PIE's Schedule of Electricity Tariffs and PIE's Schedules of Services and General Charges in force from time to time.
- 9.18- **PIE's RIGHTS FOR PLACING OF EQUIPMENT.**: The Consumer shall provide free of charge and rent, adequate space as required by PIE from his premises for installation of Transformer and other equipment. This space will become property of PIE for the purpose of efficient and safe electric power supply & will be under PIE's control. PIE, however, shall not be held responsible for guarding the premises or to make good any loss the premises caused or sustained due to any reason.
- 9.19- **ACCESS TO THE CONSUMER'S PREMISES** – A duly authorized employee of PIE shall be entitled at all reasonable times, and on informing the occupier of his intention to enter the premises to which energy is or has been or is to be supplied by PIE for the purpose of.
- (a) Examining, inspecting and testing the electric supply lines, meters, maximum demand indicators or other measuring apparatus, electric wires, fittings, works or an apparatus for the supply or use of energy, whether belonging to PIE or the consumer, or.
 - (b) Ascertaining the amount of energy supplied or the electrical quantity contained in the supply or the apparatus; or.
 - (c) Removing, where a supply of energy is no longer required, or where PIE is authorized to take away and cut-off such supply any electric supply lines meters maximum demand indicators or other measuring apparatus, fittings, works or apparatus belonging to PIE; or.
 - (d) Doing all other things necessary or incidental to the proper giving or maintaining supply to the consumer's premises.

9.20- All conditions are subject to Electricity Act 1910 and Electricity Rules 1937.

Applicant Signature

ANNEXURE - I

10.1- ROLE AND RESPONSIBILITIES OF EQUIPMENT OPERATION AND MATERIAL

The underlying idea for the equipment operation is that any electrical facility shared by more than one consumer is the sole responsibility of PIE to operate and maintain. The equipment in Sundar system consists of 3 way, 4 way 11 KV Switches, Transformers, 11 KV Metering Panels and new Cables with accessories. The equipment shall either be owned by PIE or by the Consumers. The responsibility of operating & maintaining the equipment is categorized as under:

- 10.1.1-The equipment including cable supplied by PIE feeding more than one Consumers shall be sole responsibility of PIE to operate and maintain.
- 10.1.2- Equipment purchased by Customer and given under control of PIE, e.g. 11 KV metering Panels, becomes property of PIE as far its healthy operation is concerned. In case of any loss sustained due to theft etc PIE shall not be held responsible to make good such loss. It is PIE's responsibility to operate & maintain i.e. Equipment like 11 KV metering panels, 3way switches etc. In case of damage, PIE will replace on immediate basis to ensure continuity of supply but ultimate cost would be recovered from Customer held responsible for the damage after due enquiry.
- 10.1.3- In case of B-3 Connection, all the electrical equipment purchased and installed by Consumer inside his property shall be liability of the Consumer to safeguard and maintain, PIE in no way shall be held responsible and consumer shall be responsible for its maintenance.

10.2-PRIORITY OF ENERGIZATION

The Customers shall be supplied power on “First come First serve” basis in the area where the system is laid and PIE is ready to provide power.

However the priority shall be categorized as under:

10.2.1-Customer being supplied from a common Transformer on LT at periphery.

10.2.2- Customer purchasing his own 11 KV Panel and Transformer and paying the cost of 3 way switch to PIE for its supply and installation.

“The priority on First come First serve basis shall be maintained in each category for providing power supply to Customers”.

ANNEXURE - II

11- PRE- REQUISITES FOR POWER CONNECTION AT S.I.E

- 11.1- Consumer shall submit application form complete in all respects to PIE Customer relation office.
- 11.2- PIE shall receive the application, allot a serial No. and enter in the Service Connection register with date.
- 11.3- PIE shall send this application to Consultant / Engineer for feasibility study i.e. type of connection including material requirements to be charged to the Consumer.
- 11.4- PIE receives the Consultant report on the application and accordingly prepares and issues Demand Notice to Consumer for payment of dues.
- 11.5- Consumer shall make payment and fulfills all requirements.
- 11.6- Consumer shall also submit a certificate for soundness of his installations from Electrical Inspector or 'A' class PIE approved Wiring Contractors.
- 11.7- Consumer shall get the Building Plan of his factory approved from PIE Building Control Division applying for permanent Connection.
- 11.8- The supply of Power will be made available on “**1st come 1st serve**” basis.