

Form - 10

LOAD DEMAND NOTIFICATION - LDN

* IT IS MANDATORY TO COMPLETE ALL INFORMATION AS REQUESTED IN THE FORM *

TIP USE ONLY

Date of Receipt of Application: / / 20.. Decision: _____ Date: / /20..

Project Title: _____ Project Number: _____

Project name: _____

Connection Type: Permanent Temporary
Project Type: Commercial Industrial
Location / Plot Number Zone Plot Number

2. Contact Information (Account Holder Detail/Owner)

Contact Person: _____

Telephone (Office): _____

Mobile: _____

Organization or Company: _____

P.O. Box, City: _____

Municipality or Region: _____

Country: _____

E-mail address: _____

3. Required Documents (Soft and Hard Copies)

1. Site Plan
2. Copy of Commercial License
3. Single Line Diagram (2 Copies)
4. Load Schedules (2 Copies)
5. Electrical Room Layout (2 Copies)
6. Load Schedule (2 Copies)
7. Utility Drawings/Electrical Wiring Drawings (2 Copies)
8. Equipment Details.(Electrical Load Details)
9. Operation Philosophy (Where Required)
10. Contractor License Copy/ADDC Certification.

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4. Connected Load Details

Load Type	<input type="checkbox"/> LV	<input type="checkbox"/> HV	<input type="checkbox"/> Bulk Load (More Than 5000KW)		
Description	Existing KW	New KW	Total KW	Future KW	
HVAC Loads					
Equipment Loads					
Light Power					
Other Loads					

Note: Allocation of the requested space will depend upon Tawazun Industrial Park's design guidelines.

6. Contractor/Consultant Information

Description	Consultant	Contractor
Name of the Firm		
Contact Name		
Designation		
Tel/Mobile		
Email		

ALL Tenants/CONSULTANT and/or CONTRACTOR must officially report to TIP at least Six (6) months before the completion of the Electrical Works and the request for inspection in order to finalize the loads details, pay the connection charge and initiate the cable connection and equipment installation process. Failure to abide by this condition will result in the delay of the connection which is the sole responsibility of Tenants/CONSULTANT and/or CONTRACTOR, and not of TIP.

7. General Condition (Both for BULK and Individual Loads - Where It Applies)

- 1.1 Re approval is required prior to any construction. TIP reserves the right to suggest modification in the substation layout at time of re approval.
- 1.2 For any LOAD INCREASE in excess of 10% of the provisional connected load, Consultant/Contractor shall submit a new revision of the LDN for APPROVAL by TIP. The old Revision of the LDN becomes obsolete and cannot be used.
- 1.3 Any Existing LV Load, if any, shall be diverted to the new LV Main distribution Board
- 1.4 Clear heavy vehicular access shall be available in front of switchgear and transformer room for maintenance purpose also.
- 1.5 The 630mm² Cables between Transformer & LV Board shall be supplied & installed by the requester designated contractor.
- 1.6 Required Cable Between Electrical Room and Substation Shall be Supplied and Installed By Requester Designated Contractor.
- 1.7 Proper cooling & ventilation arrangement to be provided in the Electrical, Switchgear & Transformer Room.
- 1.8 11kV Switchgear room will be provided with A/C cooling by the split or central air-conditioning system.
- 1.9 G.I. Gratings to be provided instead of chequered plate as Trench covers G.I. Gratings are required only in transformer room.
- 1.10 Requester shall insure Free Access to all the Substation/Electrical Room buildings to be provided to TIP staff all the time, preferable readily accessible from outside
- 1.11 No changes in Substation layout, position or cable duct entry shall be done after approval and during construction without prior TIP approval.
- 1.12 Contractor shall obtain Approval on Civil Shop Drawings from Approved Civil Consultant prior to the construction of the Consumer Substation/LV Electrical Room.
- 1.13 Contractor shall obtain Approval on Electrical Shop Drawings from TIP O&M Engineer prior to the start of work, which shall be done at the time of re-approval.
- 1.14 Contractor shall submit As built drawings
- 1.15 Future load requirement shall be provided with exact time period.
- 1.16 If existing load is indicated, more detail about existing substation number and configuration shall be indicated.
- 1.17 THD voltage drop shall be as per ADDC quality regulation.
- 1.18 Standby generators shall not be paralleled with ADDC/TIP supply.
- 1.19 General condition: Add "Future load indicated shall be within one year of the completion period."
- 1.20 Sizes of main electric room, sub-main electric rooms and MCC room for each panel rating to be as per the ADDC requirements.
- 1.21 Distribution boards of rating 200 A and above shall be installed in dedicated electric rooms.
- 1.22 The electric rooms should not be located on the reverse side of a bathroom or kitchen wall or below a bathroom or kitchen.
- 1.23 Installation of multi-complex projects the LV panel/s of each building shall be located at the centre of the respective building.
- 1.24 Route of the cables/bus bar risers shall be taken through common areas.
- 1.25 The electrical contractor must take approval of an installation from TIP before commencement of construction.
- 1.26 All the LV switchgears as per the approved load schedule shall be from ADDC approved switchgear manufacturers.

8. Special Conditions (Loads above 500KW)

- 2.1 All the substation equipment to be supplied, installed and maintained by the client.
- 2.2 Before installing any U-Channels for Transformer buildings Contractor must co-ordinate with TIP O&M Department
- 2.3 Approval from TIP -O&M for the equipment to be purchased shall be obtained prior to procurement.
- 2.4 Project contractor to lay 11kV cables up to the pick up point specified by TIP.
- 2.5 Smart Meters to be provided on the 11kV outgoing, unless otherwise directed by TIP.
- 2.6 An unloading Platform for equipment in front of substation door should be ensured at substation floor level. If the platform is temporary is should be stored properly to be available at time of maintenance.
- 2.7 Copy of As-Built Drawings shall be passed to TIP O&M Engineers prior to Room Inspection and Energization.

9. Operation Philosophy

- 3.1 Suitable arrangement for standby power supply for essential loads shall be incorporated in 11kV Distribution system design.
- 3.2 11kV Chillers starting method and starting characteristics to be submitted and got approved.
- 3.3 Contractor to coordinate with remote section for stand by generator arrangement.
- 3.4 11kV Changeover schemes and loads management system details to be submitted along with operation philosophy for approval.

Declaration

I, the undersigned do hereby declare that all information above and attached to this application is true and correct.
I further agree to the terms and conditions shown herein.

Name of Applicant:

Position or Title of Applicant:

Signature:

Official Company Stamp

Disclaimer

TIP accepts no liability for non compliance of design, construction, and project execution or negligence or breach of contractual obligations by the Developer / Consultant/Contractor.

Confidentiality of Information

TIP acknowledges that all the information received within and attached to this application is considered confidential and may not be used for purposes other than this application and the operation of buildings to which this application relates.

Application Approval Form

Project Name : _____

Ref Number : _____

Developer : _____

Consultant : _____

Contractor : _____

HSE <input type="checkbox"/> Approved <input type="checkbox"/> Approved with comments <input type="checkbox"/> Rejected	SECURITY <input type="checkbox"/> Approved <input type="checkbox"/> Approved with comments <input type="checkbox"/> Rejected
IT <input type="checkbox"/> Approved <input type="checkbox"/> Approved with comments <input type="checkbox"/> Rejected	O & M <input type="checkbox"/> Approved <input type="checkbox"/> Approved with comments <input type="checkbox"/> Rejected
Comments : ----- ----- ----- -----	

Approved

Approved with Comments

Rejected

**TIP
PLANNING
DEPARTMENT**

Approved
 Approved with comments
 Rejected

Signature, Stamp & Date