



## Downtown Area Electrical Service Application

Date of Inquiry \_\_\_\_\_

### MAIL OR FAX TO:

Tacoma Power – New Service Engineering  
P. O. Box 11007, Tacoma, Washington 98411  
Fax: 253-502-8659

Please read the following then have an authorized representative sign and date below to indicate your understanding of the Downtown Network electrical application process.

- Please read Tacoma Power's Standard C-SV-4000 then initial here: \_\_\_\_\_.
- Fault current calculations are to be provided to both Tacoma Power Electrical Inspection and New Services Engineering Departments for **all** new or modified services.
- Provide the fault current calculation summary, in cascading format, on the one-line/riser diagram showing:
  - a. A list of calculated nodes on your one-line diagram.
  - b. The available fault current at the main service panel, each sub panel and at all other nodes selected.
  - c. The conductor impedance, size, material, number of parallel runs and length.
  - d. The type of conduit material.
  - e. The AIC rating of all new and existing equipment and/or devices affected by this project.
- Upon review of this application, a formal letter stating whether the type of service requested is available will be issued by the Downtown Network New Services Engineer.
- Determination of service availability may take several months. You should begin working with Tacoma Power's Engineers in the early stages of your project.
- A Letter of Agreement will be drafted within 4 weeks after determining the availability of service to meet your needs. Please provide adequate time to complete this process before you make project contract commitments.
- Electrical service may be offered at a voltage that requires you to provide a transformer vault within your building.
- Tacoma Power's system may require upgrading to accommodate your request.
  - a. Designing and installing upgrades may take an additional year.
  - b. Any required utility upgrades must be completed before your new service will be connected.
  - c. The customer will be responsible for some or all of the costs in this process depending on service availability.

Customer's Signature \_\_\_\_\_

Date \_\_\_\_\_

# **Customer's Information**

## **1. Project Information:**

Project Name: \_\_\_\_\_

Project Address: \_\_\_\_\_

### **Description of building occupancies and their natures:**

Manufacturing space (sq-ft) \_\_\_\_\_ Nature: \_\_\_\_\_

Commercial space (sq-ft) \_\_\_\_\_ Nature: \_\_\_\_\_

Office space sq-ft \_\_\_\_\_ Nature: \_\_\_\_\_

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Residential (# of Units & sq-ft): \_\_\_\_\_

Do the residential units have a washer and dryer? (Circle One):      Yes      No

Will natural gas or alternative energy be used? (Circle One):      Yes      No

Explain the Use: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Will the building be LEED Certified? (Circle One):      Yes      No

## **2. Customer Information:**

Full legal name(s) of person(s) entering into agreement: \_\_\_\_\_

\_\_\_\_\_

Legal business name: \_\_\_\_\_

Tax ID number: \_\_\_\_\_ UBI number: \_\_\_\_\_

Applicant's mailing address: \_\_\_\_\_

City, State Zip: \_\_\_\_\_

Telephone number (including area code): \_\_\_\_\_

Fax number (including area code): \_\_\_\_\_

E-mail address: \_\_\_\_\_

## **Electrical Contractor's Information**

### **1. The Electrician Is Required To Provide The Following Information:**

Voltage Desired (Circle One): 125/216Volts or 277/480Volts  
(Note: 277/480V is available in parts of the network area but is not a network system.)

Phase Requirements (Circle One): 2 Phases & Neutral or 3 Phases & Neutral

Main Service Size (Amps): \_\_\_\_\_  
(Note: Customers must submit a set of electrical plans to the Tacoma Power Electrical Inspection Office for plan review when requesting three-phase services of 400 amps and larger.)

Connected Load (KVA): \_\_\_\_\_

Electrician company name: \_\_\_\_\_

Electrician company representative: \_\_\_\_\_

Electrician company phone number: \_\_\_\_\_

Electrician company e-mail address: \_\_\_\_\_