



# Electrical Design Engineers

HOME / SERVICES / ELECTRICAL

We provide lighting and power layouts as well as load calculations and design details.

## Electrical

Voltas Engineering first and foremost, started as an electrical engineering firm. Back in 2008, Gurpreet Purewal did consulting and engineering services for small-scale commercial businesses and homes; this has grown over the years into being widely recognized and respected as Voltas Engineering. We are delighted to say we are one of the best Electrical System Designing Consultants in Surrey, BC, with more than 10+ years of experience and having completed over 3000 projects!

Voltas' engineers have been designing and reviewing commercial, industrial, and residential electrical systems since 2008. Our team provides lighting and power layouts as well as load calculations and design details. We coordinate with BC Hydro to make sure our design aligns with the situation on the ground to streamline construction. Our team of expert electrical consultants has worked on many industrial electrical projects with high-quality work, with project values ranging well into the millions of dollars.

Further Voltas provides data logging and load verification reports for commercial units, tenant improvements, and requests from authorities having jurisdiction. We provide phase balancing where loads are imbalanced as well as power correction factors for units with power factors less than 1. We also provide load calculation and verification for insurance companies and municipalities. Voltas can also provide peak demand loads and load management for new and existing projects.

**Voltas Engineering** has extensive knowledge of the electrical engineering systems in and around Vancouver, and our team focuses on making quality, well-thought-out plans for every project. We problem-solve at every corner, as we are a true one-stop shop! **Contact us** now for your electrical engineering needs! Contact us at 604-593-2293 or request a quote through our **online application form**.



## Projects

### COMMERCIAL BUILDING

Project Name: Chevron, Silverdale Crossing  
Civic Address: 29550/60-Lougheed Highway, Mission, BC

### 61-UNIT TOWN HOMES

Project Name: Aqua  
Civic Address: 1188 Main Street, Squamish, BC

### 25,000 SQ. FT. INDUSTRIAL BUILDING

Project Name: A1 Warehouses  
Civic Address: 12941 - 115 Ave. Surrey BC

### 24 UNIT MIXED DEVELOPMENT

Project Name: IK Homes  
Civic Address: 20901-83rd Avenue, Langley, BC

### SHOPPING MALL

Project Name: South City Shopping Mall  
Civic Address: 3051 - King George Blvd. Surrey BC

### COMMERCIAL MANUFACTURING BUILDING

Project Name: Oasis Windows  
Civic Address: 19025 - 52 Avenue, Surrey, BC

### TOWN HOUSE DEVELOPMENT

Project Name: 76 Unit TH's  
Civic Address: 19097 - Fraser Hwy. Surrey BC

### 53 UNIT TOWN HOUSE

Project Name: Lotus  
Civic Address: 20860 - 76 Ave. Surrey BC

### 23 TOWN HOUSE

Project Name: JRG Homes  
Civic Address: 14388-103 Ave. Surrey BC

### 61 TOWN HOUSE & CONDOMINIUM

Project Name: Walk  
Civic Address: 12091- 70 Ave, Surrey BC

### 21 TOWN HOUSE

Project Name: Homes  
Civic Address: 6055 - 138 St. Surrey BC

### COMMERCIAL BUILDING

Project Name: Diverse city  
Civic Address: 13455 - 76 Ave. Surrey BC

### 61 TOWN HOMES

Project Name: Chelsea Gate  
Civic Address: 11188 - 72 Avenue, Delta, BC

### 24 TOWN HOMES

Project Name: Oak Terrace  
Civic Address: 11767 - 89A Ave, Delta, BC

### 6 STOREY, 71 UNITS APARTMENT/TOWNHOUSE DEVELOPMENT

Project Name:  
Civic Address: 13491-13493 94A Ave, 135 Street, Surrey, BC

### 4 STOREY, 71 UNITS MIXED USE DEVELOPMENT

### 70,000 SQ. FT. FOOD PROCESSING PLANT

### MIXED USE DEVELOPMENT

Project Name:

Project Name: Dream Castle Homes  
Civic Address: 5959, 144 Street, Surrey, BC

Project Name: Fresh Start Foods  
Civic Address: 11188, Featherstone way,  
Richmond, BC

Civic Address: 444, Trans Canada Highway,  
Hope, BC

### COMBINED RESTAURANT/GAS STATION

Project Name: Shandhar Gas Bar  
Civic Address: 6050, Chilliwack Road,  
Chilliwack, BC

### 39-UNITS TOWNHOUSE

Project Name:  
Civic Address: 19681 – 80 Avenue, Langley, BC

### 64 UNIT TOWNHOUSES

Project Name: OakCrest  
Civic Address: 11556 72A Avenue, Delta, BC

### 6 RESIDENTIAL UNITS

Project Name:  
Civic Address: 22356 48 Avenue Langley, BC

### 18 UNIT TOWNHOUSES

Project Name:  
Civic Address: 6989, 204 Street, Langley BC

### 56 ROOM HOTEL

Project Name: Quality Inn  
Civic Address: 1859 Trans Canada Highway  
Revelstoke, BC

### 8-UNIT STACKHOUSE

Project Name:  
Civic Address: 2663 Duke Street, Vancouver, BC

### DREAM BANQUET HALL

Project Name: Dream Banquet Hall  
Civic Address: 7236, 120th St, Surrey, BC

It was a remarkable experience with 'Voltas Engineering' where the team guided me very well throughout the process. They have keen knowledge and experience in their field.

Parul Chauhan

## Our Accreditations

SUBMIT REQUEST



**Call Us**  
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**Email Us**  
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**Location**  
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