



Nonresidential Customer Load Data

Customer Information

Service Address: _____

Customer/Project Name: _____ Phone #: _____

Contact/Electrician Name: _____ Phone #: _____

Contact Email: _____

Facility Information

Each service address requires a separate Nonresidential Customer Load Data Form except in the case of condominiums.

Number of Buildings: _____ #Metered Units / Bldg.: _____

Total Sq. Ft Per Unit: _____ Conditioned Sq. Ft.: _____

Type of Heat: _____ Business Office Hours: _____

Hours of Operation per Day: _____ Days per week of Operation: _____

Type of Service(s) Requested

Service Type (Check all that apply)

- New Permanent Service OH UG Upgraded / Relocated Service OH UG
- New Temp Service OH UG

Provide a Brief Description of this Project Request (i.e. gas station, strip mall, barn, garage, etc.)

Electric Service Size

The company (NOVEC) reserves the right to designate and/or approve the location of the metering and CT Equipment.
The company must approve all metering arrangements.

Voltage (Check Only One)

- 1 Phase / 3 Wire 120/240 3 Phase / 4 Wire 120/208 3 Phase / 4 Wire 277/480 Primary / High Voltage: _____

Service Size (Check Only One)

- 100 amp 200 amp 400 amp 600 amp Other: _____ amp

Service Characteristics

Size of Service Wire: Wire Type: AL CU Number of Wires per Phase: _____

Service Termination

- Meter Base Junction Box Metering Cabinet Switchgear

Electrical Load

Lighting (Complete all that apply)

Interior _____ kW Exterior _____ kW

Heating & Cooling (Complete all that apply)

Electric Heat (baseboard)..... Qty: _____ Total: _____ kW
Heat Pump..... Qty: _____ Total: _____ Ton(s) / kW
Heat Pump Backup System..... Qty: _____ Total: _____ kW
Water Heating..... Qty: _____ Total: _____ kW
Tankless Water Heater..... Qty: _____ Total: _____ kW
Air Conditioning..... Qty: _____ Total: _____ Ton(s) / kW
Manufacturing Process Cooling / Chillers..... Qty: _____ Total: _____ Ton(s) / kW
Manufacturing Process Electric Heating..... Qty: _____ Total: _____ kW

Motors - Complete all that apply (For each motor 10HP and greater, pg3 must be completed)

Qty: _____ Size Each: _____ HP 1 PH 3 PH _____ Starts per Day or Continuous
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Equipment - Complete all that apply

Computers / Office _____ kW Refrigeration _____ kW Electric Cooking _____ kW
Receptacles _____ kW Dryer _____ kW EV Charging _____ kW

On-Site Generation

Unit Size: _____ kW Operating Voltage: _____ Volts Unit Fuel Type: _____

Provide a Brief Description of any Renewable Energy Generation including inverter manufacturer and model, if applicable

Customer Signature and Additional Information

Load data provided must be as complete and accurate as possible. Inaccurate or incomplete data may cause delays in processing.
Customer site plans should accompany completed Nonresidential Customer Load Data Form.
The customer must notify NOVEC prior to the actual connection of any future load (as stated in NOVEC's Terms & Conditions).
This form will not be processed without the signature of customer or customer's authorized agent.

Print Name: _____ **Signature:** _____ **Date:** _____

MOTOR VARIANCE REQUEST FORM
(Complete for each motor 10 Horsepower and greater)

Ratings	Description	Value
Motor Type	Synchronous <input type="checkbox"/> Induction <input type="checkbox"/>	
HP/kW	Motor output (shaft) in HP or kW	_____
kV	Rated Voltage of the motor	_____
FLA	Full load current in Amps	_____
PF%	Power factor @ rated HP and kV	_____
NEMA Motor Design	Motor Design Letter Code	_____
NEMA LR CODE	NEMA Locked Rotor Design Letter	_____
PF% (@100%)	Full load power factor	_____
Expected Use	_____	
Motor Sequencing	Do multiple motors start simultaneously? Yes <input type="checkbox"/> No <input type="checkbox"/>	
# of Starts	Expected number of motor starts per day _____	

Starting Methods

Full Voltage	Does the motor start with across-the-line voltage (yes/no)	_____
Autotransformer	If Applicable, what is the % of transformer tap?	_____
Line Resistors	If Applicable, what is the R and X in Ohms?	_____
Solid State	Does the motor start with solid state soft start? Yes <input type="checkbox"/> No <input type="checkbox"/>	
Variable Frequency Drive	Yes <input type="checkbox"/> No <input type="checkbox"/>	
For all starting methods, what is your starting kVA? _____		

Motor Schedule

Motor Operation	Are all motors used simultaneously? Yes <input type="checkbox"/> No <input type="checkbox"/>
Total H.P. _____	What is the total H.P. that will run simultaneously? _____

Please provide a motor starting schedule if there are multiple motors.
