LONDON HYDRO NEW/MODIFIED LOAD CONNECTION REQUEST FORM

For a detailed explanation of the process required to connect new or modified commercial or industrial services to London Hydro's distribution system please refer to London Hydro's Conditions of Service, available at
https://www.londonhydro.com/projects-operations/conditions-service

For questions regarding this form and/or submissions, please call 519-661-5800 ext. 5385 (Monday-Friday, 7:30am to 4pm) or email commercial@londonhydro.com.

APPLICANT INFORMATION	
Name	
Company Name	
Date	

CUSTOMER Contact Information					
Customer Name					
Customer Phone #					
Customer Email					
Customer Billing Address					
CONTRACTOR/CONSULTANT Contact Information					
Contractor/Consultant Name					
Contractor/Consultant Phone #					
Contractor/Consultant Email					
LOCATION of New/Modified Connection					
Civic Address					
Lot					
Desired Temporary Connection Date					
Desired Permanent Connection Date					
Type of Operation	☐Multi-Unit Residential	☐Industrial	☐Commercial	☐Institution	☐Other:
Requested Connection Voltage (V)	Low: ☐120/240 ☐120/208 ☐347/600				
	High: ☐ 16,000/27,600				
Service Size (Amps)	Existing (if applicable):				
	New or Upgrading to:				
Metering Information	☐Bulk				
	☐Individual	Quantity of meters:			
Electric Vehicle Charging Stations	Quantity				
	Manufacturer				
	Model				

Additional Submission Requirements (please attach when returning application form)	
☐	**Grading Plan and Site Plans** showing the building or buildings in relation to the existing property lines, and other buildings or structures such as parking garages and loading ramps. If applicable, the plans should include vertical and horizontal views of the proposed incoming duct bank from the point of entry to the delivery point
☐	Plan, to scale, showing the electrical room and provision for the metering equipment
☐	Single Line riser schematic for the entire primary /secondary distribution system
☐	Plan to install a distributed energy resource (DER) such as solar, battery storage or combined heat and power generation. Please refer to https://www.londonhydro.com/accounts-services/generation and complete and attach the provided Supplemental Embedded Generation Form
☐	Other (please specify):
Please note that all drawings must be submitted in PDF format. A site plan must be also be supplied as a	

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georeferenced AutoCAD (.dwg) or Microstation (.dgn) format. The contents of the drawing file must explicitly follow layering, colour, and line-type schemes as set out by the City of London's GIS specifications.

Demand Information					
OPERATING HOURS					
Expected Start Time					
Expected Stop Time					
Number of Shifts in your Operation					
PEAK DEMAND LOAD					
Existing demand (kW)					
Proposed demand (kW) on total facility					
Expected months to reach Proposed demand (kW)					
Expected total Demand (kW) per year	Year 1	Year 2	Year 3	Year 4	Year 5
Where multiple feeders are required to supply the facility, indicate demand division per feeder below					
Proposed demand (kW) on Feeder 1					
Proposed demand (kW) on Feeder 2					
MOTORS (Industrial Facilities ONLY)					

Provide an Excel spreadsheet listing all motors rated 500hp and above and include the following parameters:

- ***rated hp***
- ***rated kVA***
- ***rated voltage***
- ***NEMA code***
- ***X"d (in % of rated kVA)***
- ***motor type (induction or synchronous)***
- ***starting method (VFD, soft start, or breaker)***
- ***number of starts per hour and per day***
- ***indicate if motor is connected to Feeder 1 or Feeder 2***

Indicate which motors are likely to start simultaneously. Where more than one feeder is requested, indicate the motors that will be connected to either Feeder 1 or Feeder 2.

LIGHTING – please complete this section if total peak (lamp) demand is greater than 500 kW	
Type (ie. LED, HID, Incandescent, etc.)	
Primary Voltage	
Total Peak Demand in kW	
Power Factor	
Diversity Factor	
Total Harmonic Distortion (THD)	
WELDING MACHINE	
kVA	
Primary Voltage	
Maximum Primary Current (Amps)	
Power Factor	
Frequency of operation of each machine (welds/minute)	
Number of welders operated simultaneously	
Duration of welds for each machine	

Please email completed forms and supporting submission documents to commercial@londonhydro.com.