

Connection Impact Assessment (CIA) Application

[LDC department's name that is handling the application] | [LDC department's email] | [LDC department's phone Number]

[Insert LDC LOGO]

ABOUT THIS FORM

This Connection Impact Assessment (CIA) application is to be completed by any proponent interested in connecting a Distributed Energy Resources (DER) with a project size over 10 kilowatts (kW) to [LDC name]. This includes DER applying for a new CIA or for revision(s) to their original CIA. This form expresses an intent to enter into an agreement between [LDC name] and the customer (or host customer* for *non-exporting* projects) for completion of a CIA associated with connecting a DER to the [LDC name] distribution grid. The CIA Application shall be part of the required servicing (electrical installation, maintenance, and operating) agreements between [LDC name] and the proponent. Through this process, [LDC name] will be the proponent's contact with the transmission system provider (e.g. Hydro One Networks Inc.) and, if necessary, the provincial market operator, namely, the Independent Electricity System Operator (IESO).

*For Non-exporting projects, the term "host customer" refers to the owner of the load facility. The term "DER owner" refers to the owner of the DER facility.

Emergency Backup Generators should use the Emergency Backup Generation Application Form available at: [LDC link to application]

TECHNICAL REQUIREMENTS

For technical requirements of [insert LDC]'s DER projects, refer to the "DER Technical Interconnection Requirements Interconnections at Voltages 50kV and Below", available at:

[LDC link to "DER Technical Interconnection Requirements Interconnections at Voltages 50kV and Below" application]

SUBMISSION INSTRUCTIONS

Please return the completed form, fees and other required documents by mail to:

[LDC name]

Attn: [LDC department's name that is handling the application]

Generation Connection Application

[Address]

[City], [Province] [Postal Code]

IMPORTANT NOTES

- An engineering stamp and all red box fields (on electronic version of form) are mandatory. Incomplete applications may be returned by [LDC name] and will result in delays in processing your application. Click the "Validate Form" button on the top right of this page to ensure all required information is filled. If any of the required fields are not applicable to your project, type "N/A" in any required text field or "0" in any required numerical field
- [LDC name] specific requirements and notes are found in Sections S and T, respectively
- Applicants are cautioned NOT to incur major expenses until [LDC name] approves to connect the proposed DER facility.
- All technical submissions (CIA Application, Single Line Diagrams, etc.) must be signed, dated and sealed by a licensed Ontario Professional Engineer (P.Eng.).
- The proponent will pay for the CIA according to the [LDC name] CIA Fee Schedule.





SECTION A: APPLICATION INFORMATION

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- The siting restrictions in O. Reg. 274/18 which were administered by electricity distributors such as [LDC name] have been replaced by amendments to the Planning Act (Ontario) that puts siting and planning requirements for renewable DER facilities under municipal oversight. It is recommended that you discuss municipal permitting and approvals requirements with the planning department in the municipality where your DER project is located before you proceed.

Engineering Stamp	Application Type choose one	Date mm/dd/yyyy
	Program Type/Purpose choose	one Program Type (additional details)
	Project Name	
	IESO Contract Number F-XXXXX	IESO Reference Number FIT-XXXXXXX
Ontario Corporate Number o	r Business Identification Number	Proposed In Service Date mm/dd/yyyy
If this project is a subdiv Subdivision Project Name	rision project, please complete the	following fields: Number ofLots
For certain application to Original CIA Project ID # xx,	ype selections, please complete the	e required fields:
Revised Fields list the fields that	have changed from your previous application	
SECTION B: PRO	DJECT LOCATION	
City/Town/Township		Postal Code
Lot Number(s)		Concession Number(s)







SECTION C: CONTACT INFORMATION

Who is the single point of contact for this project?

CIA will be issued in the name of the host customer (load facility owner). All agreements (including CCA and DCA) are only made between [LDC name] and the host customer. This section is strictly to gather contact information of some of the key contacts that are involved with the project.

Host Customer DER Owner (if different from ho	ost customer) Consultant
Please enter the following information about the host	customer (load facility owner)
Contact Person	Company's Legal Name
Mailing Address including postal code, P.O. Boxes and Rural Routes will not be	e accepted
WorkTelephone	Cell Phone
Fax Number	Email Address
Please enter the following information about the DER	owner (if different from host customer)
Contact Person	Company's Legal Name
Mailing Address including postal code, P.O. Boxes and Rural Routes will not be	accepted
WorkTelephone	Cell Phone
Fax Number	Email Address
Plane and the fall wind in family with a series	
Please enter the following information about the consu	
Contact Person	Company's Legal Name
Mailing Address including postal code, P.O. Boxes and Rural Routes will not be	e accepted
WorkTelephone	Cell Phone
Fax Number	Email Address





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SECTION D: CUSTOMER STATUS

Is there an existing	ng [LDC name] account at the	project location?			
Yes	No				
Is the account ho	lder aware of this application	1?	Does your account	fall within a	a residential-rate classification?
Yes	No		Yes	No	O Do not Know
Existing Account	Number		Account Holder Na	ime	
Does the account	t holder have an HST registrati	ion number?	HST Number		
Yes	No				
	E: EXISTING DEI ng DER at the point of commo No Number		Existing Project	Size (kW)	
Laisting Froject	Number		Existing Project	.3126 (KVV)	
	or Existing DER choose one	Inverter based	Other		
For synchron	nous units	For induction u	inits	For	inverter based units
Min. power limit	for stable operation kW	Direct axis sub-trans	ient reactance, X"d p	u Inver	rter rating kVA
Direct axis sub-tr	ransient reactance, X"d pu	Direct axis transient	reactance, X'd pu	Maxi	imum continuous power output kw
Direct axis transie	ent reactance, X'd pu	Total PF correction in:	stalled kVAR		
Direct axis synch	ronous reactance, Xd pu				
Zero sequence re	eactance, XO pu				



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▶ SECTION F: PROJECT INFORMATION

Station Name (optional	to leave blank for behind the meter projects)	Fuel/Energy Type select all that apply
Feeder (optional to leave	blank for behind the meter projects)	
Feeder Voltage (kV) (a	optional to leave blank for behind the meter projects)	
Project Size (kW) total	maximum output capacity	
Equipment Capacity (k	EVA) total equipment nameplate rating	
Type of Connection Single Phase	Three Phase	
If this is a solar pro Mounting Type select of	pject, please answer the following ques	istions:
If this is a water p	roject, please answer the following que	estions:
Is your generation fac	ility located on provincial Crown or federally-	egulated lands?
Yes	No	
Is water your primary	energy source?	
Yes	No	
	STATION SERVICE LOAD station service load details	NFORMATION
If there is an existin		ulating the fields in Section G is [optional or required] for te.
Required	Optional	
Maximum Demand o	f Station Service Load of DER kW	Average Monthly Consumption kWh





SECTION H: CONNECTION INFORMATION

On a cut-out from the [LDC name] DOM (Distribution Operating Map), or a site plan if a DOM is not made available by the LDC, provide the location of the generation facility with proposed line routings for connection to [LDC name]'s distribution system. It should identify the Point of Expansion (POE), the Point of Common Coupling (PCC), the location of the generation facility, and (if applicable) the route of the new line between the generation facility and the POE (ie. on private property or public road/right-of-way). This is not required for existing load customers that are connecting a non-exporting generation, net metering generation or energy storage system behind their existing metered connection point. Please see "Appendix A" for a visual representation of POE and PCC.

DOM Drawing/Sketch Number	DOM Revision Number
Please provide an SLD of the Generator's facilities, included and supply voltage.	ling the PCC, transformer and connecting station, feeder,
SLD Drawing/Sketch Number	SLD Revision Number
POE Latitude degree decimal format	POE Longitude degreedecimal format
PCC Latitude degree decimal format	PCC Longitude degree decimal format
Generation Facility Latitude degree decimal format	Generation Facility Longitude degree decimal format
Length of Line from POE to PCC km	Length of Line from PCC to Generation Facility km
	eration Facility must NOT be shared with any other r to Appendix A).
Conductor Type/Size for the line between the PCC and the Generation Facility	
Generator Fault Contribution with fault location at the PCC	

IMPORTANT NOTES:

If this project requires line expansion work between the POE and PCC, [LDC name] will provide a cost estimate to construct any line located on public road right-of-way. The cost estimate will include a breakdown of uncontestable work (i.e. overbuild to existing line) that can only be performed by [LDC name], as well as contestable work (i.e. new construction/green-field) that may be performed by the Generator, their contractor or [LDC name]. The design of uncontestable and contestable work shall conform to [LDC name] specifications).

For Generator-owned line, the Generator may apply to construct the line on existing [LDC name]-owned poles. This is known as an application for Joint Use (JU) of poles. If the application is accepted, [LDC name] will provide the Generator with information on initial connection costs, annual pole-space rental and emergency service (ES) fees, and required JU & ES Agreements.





Operating Mode Parallel

Transition Type

Closed "make before break"

SECTION I: ENERGY STORAGE OR UPS

Non-Parallel

Open "break before make"

Please complete the following section if your project includes energy storage.

Number of Units	Inverter Unit Size enter zero if inverter is shared with generation unit(s)
Energy Storage Unit Size kwh	Total Energy Storage Size kwh
Energy Storage Facility Control Strategy	
Peak Shaving	
Dynamic VAR Support	
FrequencySupport	
Other	
Please submit a detailed description of the control strateg reserves the right to modify the control strategy as part of	
SECTION J: CDC!: MEDGI & < /PEAK ! Please complete the following section if this is a non-expo	

For non-parallel non-exporting, SCADA monitoring and Gross Load Billing (GLB) may apply. For non-exporting generation facilities, please attach a schedule of the forecasted maximum generation output (as a function of loading of the facility). At a minimum, include the forecasted generation output information (i.e. Watts and VARs) during the minimum and maximum of the load facility to which the non-exporting generator is connecting (see Appendix C for template)

Time that generator remains parallel to grid closed transition only, ms







SECTION K: DER CHARACTERISTICS

For facilities with multiple generators: If your generators have different characteristics, please use the "Add Page" button and provide the characteristics for each generator on the additional pages.

DER type: Synchr	onous Induction Inverter based	Other	
Number of Gener	rating Units Rated Capacity of Each Un	it DER Ou	tput Voltage in kV
Manufacturer	KVV	Type or Model Number	
Wandractarer		Type of Model Namber	
	on Type is "Other", please provide values equi	ivalent to a Synchronous or Indi Generator Winding Connection Delta Star	
Neutral Grounding I	Method for star winding connection only	Impedance R in ohms	Impedance X in ohms
Solid	Ungrounded Impedance		
Limits of range o	f reactive power at the machine output:		
Lagging over-excited,	kVAR Lagging Power Factor	Leading under-excited, kVAR	Leading Power Factor
Limits of range o	of reactive power at the PCC:		
Lagging over-excited,	kVAR Lagging Power Factor	Leading under-excited, kVAR	Leading Power Factor
	For synchronous units	For induction units	
	Nominal Machine Voltage (V/(LL)	Nominal Machine Voltage kV ((LL)
	Unsaturated Reactance NVA Base	Unsaturated Reactance kVA Bas	se
	Unsaturated Reactance kV Base	Unsaturated Reactance kV Base	
	Direct Axis Subtransient Reactance, Xd" pu	Direct Axis Subtransient React	ance, Xd" pu
	Direct Axis Transient Reactance, Xd' pu		
	Direct Axis Synchronous Reactance, Xd pu		
	SubtransientTime,Td" ms		
	Zero Sequence Reactance, XO pu		







SECTION L: INTERFACE TRANSFORMER

The transformer connecting to the [LDC name] distribution system

Customer	[LDC name]					
Transformer Rating	g KVA		Transformer Type			
			Single Phase	e Th	ree Phase	
Nominal Voltage o	f High Voltage Winding	kV	Nominal Voltage of	Low Voltage V	Winding kV	
Impedance Base (if	different than ratings a	bove)	Impedance (R) pu	Impedance ((X) pu	Impedance (Z%) %
	kVA Base	kV Base			OR	
High Voltage Wind	ling Connection Star		•			
High Voltage Groun	nding Method for star win	nding connection only	Star Impedance R in	nohms	Star Imped	ance X in ohms
Solid	Ungrounded	Impedance				
Low Voltage Wind	ing Connection					
Delta	Star					
Low Voltage Groun	ding Method for star win	ding connection only	Star Impedance R in	n ohms	Star Imped	ance X in ohms
Solid	Ungrounded	Impedance				

Notes

The term "High Voltage" refers to the connection voltage to [LDC name]'s distribution system and "Low Voltage" refers to the generation or any other intermediate voltage.

Providing a photo of transformer equipment along with this application may help expedite your application.

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▶ SECTION M: INTERMEDIATE TRANSFORMER

Transformer between the interface transformer and DER

Please complete the following section if your project includes an intermediate transformer.

Yes				
	No			
Transformer Ratir	ng KVA		Transformer Type	
			Single Phase	Three Phase
Nominal Voltage	of High Voltage Winding	kV	Nominal Voltage of Low Vo	Itage Winding kV
Impedance			Impedance R pu	Impedance X pu
	kVA Base	kV Base		
High Voltage Wir	nding Connection			
Delta	Star			
High Voltage Gro	unding Method for star win	nding connection only	Star Impedance R in ohms	Star Impedance X in ohn
Solid	Ungrounded	Impedance		
Low Voltage Win	nding Connection			
Delta	Star			
Low Voltage Grou	unding Method for star win	ding connection only	Star Impedance R in ohms	Star Impedance X in ohi
Solid	Ungrounded	Impedance		
_	h Voltage" refers to the			ion system and "Low Volta
			DING TRANSFOR	
Please comple		on if your project incl		
Please comple	ete the following sections are the following sections to the section of the secti	on if your project incl		
Please comple Do you have a h	ete the following section ligh-voltage grounding to No	on if your project incl		
Please comple Do you have a h Yes	ete the following section ligh-voltage grounding to No	on if your project incl		







SECTION O: SUBMISSION CHECKLIST

	ensure the following items are completed prior to submission. Your application moart is omitted or incomplete:	ay not be processed	
	Payment in full including applicable taxes (by cheque payable to "[LDC name]")		
	Completed Form B stamped by a Professional Engineer		
	Signed Study Agreement (original signature is required)		
	Single Line Diagram (SLD) of the Generator's facilities, must be stamped by a Profes	sional Engineer	
	Protection Philosophy		
	Distribution Operating Map (DOM) and/or Site Plan (not required for existing load customers that non-exporting generation, net metering generation or energy storage system behind their existing metered connection point	are connecting a	
	Non-exporting Generation Facility's load and generation schedules (if applicable)		
	Non-exporting Generation Facility's mode of operation (if applicable)		
	Energy Storage Facility operating strategy description an parameters (if applicable)		
	Emergency Backup Generation Facility's mode of operation (if applicable)		
Please	ION P: CIA APPLICATION FEE CHECKLIST ensure the following items are completed prior to submission. Your application wo omitted or incomplete. Check all that apply:	ill not be processed i	if any
	Applicable CIA Fee See the Connection Impact Assesment Fee Schedule on our website for costs. Please enter the amount from the fee schedule.	\$	+HST
	Transmission Customer Impact Assessment (TxCIA) Fee (if applicable) A TxCIA is also required if the total nameplate generation of the project is greater than 10MW.	\$	+HST
	IESO System Impact Assessment (SIA) Fee (if applicable) An SIA deposit is required if the total nameplate generation of the project is greater than 10MW. The total cost of the SIA will be Trued Up/Down upon the receipt of the SIA from the IESO. See the IESO's SIA Application for costs.	\$	





SECTION Q: ATTACHMENTS

Attached Documents / Drawings

Item #	Description	Document #	# of Pages

SECTION R: NOTES



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▶ SECTION S: [LDC name] Specific Required Fields

This section contains specific information that is required by [LDC name]. Please read Section T notes regarding this section if you need further details.

[LDC name] Account Number	if transformer is owned by [LDC name]	

SECTION T: [LDC name] Specific Additional Notes

Section A: no additional notes
Section B: no additional notes
Section C: no additional notes
Section D: no additional notes
Section E: no additional notes
Section F: no additional notes
Section G: no additional notes
Section H: no additional notes
Section I: no additional notes
Section J: no additional notes
Section K: no additional notes

Section L: At the Generator's expense, and if requested, [LDC name] may provide transformation up to a maximum of 500 kVA three-phase, as described in the [LDC name] Conditions of Service (Section 3.5 item C.4).

Section M: no additional notes
Section N: no additional notes

Section O: for new DER site, Distribution Operating Map (DOM) is required by [LDC name] in addition to Site Plan

Section P: When there is an upstream LDC, an additional fee will be required for costs associated with this LDC's CIA.

Section Q: no additional notes

Section R: no additional notes

Section S: - For question: "What is the barcode of the nearest pole serving the project location?", this is only applicable if you choose "No" to question: "Is there an existing [LDC name] account at the project location?" in Section D

- For question: "[LDC name] Account Number (if transformer is owned by [LDC name])", this is only applicable if you answer "[LDC name]" to question: "Transformer Ownership" in Section L.

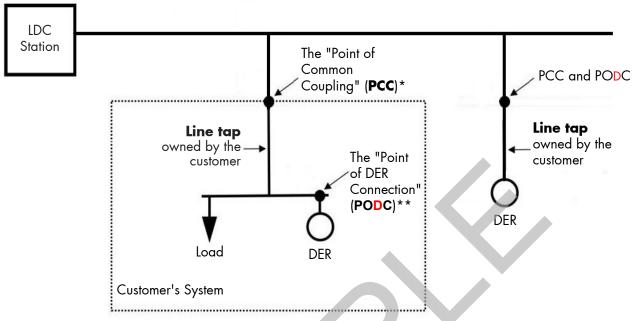




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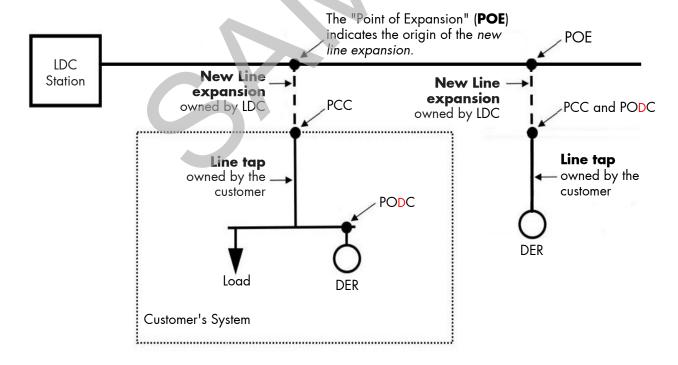
APPENDIX A - FIGURES & DIAGRAMS

Figure A1: Where There is No New [LDC name] Owned Line Expansion



^{*}PCC: the point where the customer facility connects to the LDC owned system

Figure A2: Where There is a New [LDC name] Owned Line Expansion



^{**}PODC: the point where the DER unit(s)'s interconnection system connects the DER unit(s) to the DER facility.

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► APPENDIX B - MINIMUM CONTROL STRATEGY INFORMATION FOR ENERGY STORAGE FACILITIES OR OTHER TECHNOLOGIES

Figure B1: Peak Shaving

Peak Shaving				
Description of Control Strategy				
	When Opera	ting as a Load		
Switch In Time	Switch Out Time	Load kW Load kV. (peak, leading		
	When Operatin	g as a Generator		
Switch In Time	Switch Out Time	Generation kW (peak)	Generation kVAR (peak, leading/lagging)	

Figure B2: Dynamic VAR Support

Dynamic VAR Support				
Description of Control Strategy				
Switch In Condition	Switch Out Condition	Generation kW (peak)	Generation kVAR (peak, leading/lagging)	

Figure B3: Frequency Support

Frequency Support				
Description of Control Strategy				
Switch In Condition Switch Out Condition	Generation kW (peak)	Generation kVAR (peak, leading/lagging)		

Figure B4: Other Control Strategies

	Other	
Description of Control Strategy and Relevant Operating Parameters		

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► APPENDIX C - CDC!: MEDGI XC < FIGURES

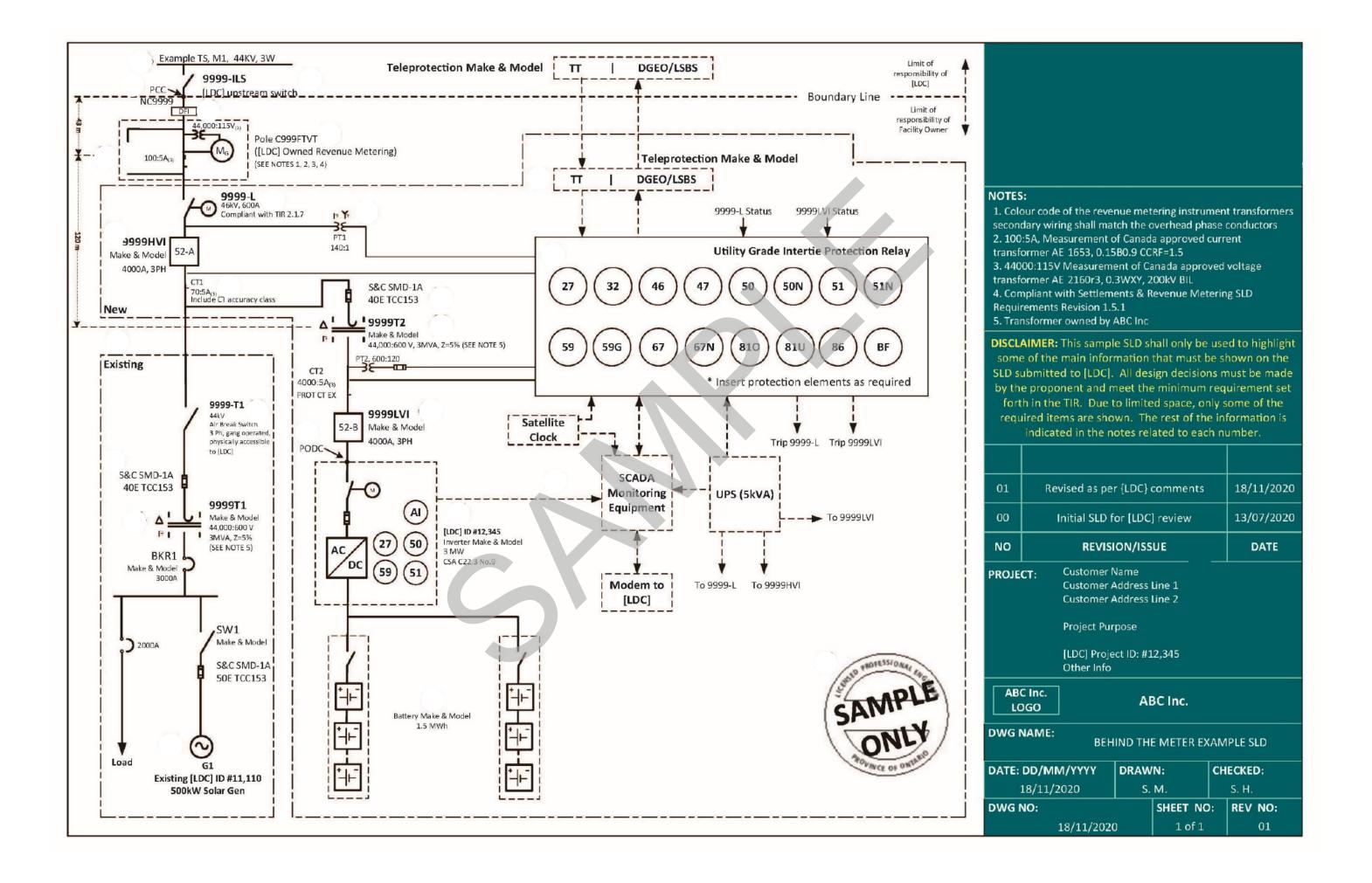
Figure C1: Example Schedule With Minimum Information Required for Cdc!Zmedg/c\ Projects

	Load of Facility (kW)	Load of Facility (kVAR, lead or lag)	Generation Output (kW)	Generation Output (kVAR, lead or lag)
Minimum Load				
Maximum Load				









Sample Protection Philosophy for Distributed Energy Resource Proponents Applying for Connection

This document is a summary of a sample protection philosophy for non-exporting, inverter-based (NE/I) connections including storage, solar, and wind. The OEB intends it as a guide for applicants regarding the kinds of protections, and particularly the categories of protections, that distributors will require for connection.

This is one example of a protection philosophy that would meet the requirements for a complete protection philosophy for the purpose of a CIA application¹. Other philosophies may also meet the standards. It provides guidance to a distributed energy resource (DER) proponent on good utility practice as it relates to protection requirements of non-exporting, inverter-based (NE/I) DERs. To form a protection scheme, all the elements for each category within any given protection philosophy are requirements.

This document is not an approval for connection. This information should help applicants file better and more complete applications for connection. An applicant will need to submit detailed protection settings after the utility has completed the impact assessment of the submitted connection application.

The standards and certification testing referenced in this document should be read as referring to the current versions of these standards at time of reading.

Sample Protection Philosophy for Non-exporting Inverter-based Sources

Project Name: BEHIND THE METER EXAMPLE

Project ID#: 12,345.

Project Type: Load Displacement

Capacity: 3,000 kW/3,000 kVA

Connection feeder (optional): M1 at Example TS

In compliance with the technical interconnection requirements of the local distribution company for which this project will interconnect ,the protection system of the connection will be designed to:

- Detect internal faults with the generator facility, downstream of the Point of Common Coupling (PCC), and automatically disconnect the NE/I source
- Detect external faults on the utility feeder and automatically disconnect the NE/I source
- Detect islanding conditions and disconnect the NE/I source
- Detect export of power from the NE/I source to the utility feeder and automatically disconnect the NE/I source

¹The contents of this document, although intended as guidance, conform to the interconnection and approval requirements prevalent at the time of its issuance. At all times, the current versions of relevant codes and standards govern.

Internal Faults Within the Generator Facility

The following protections are in place to protect against internal faults resulting from the NE/I source:

- Multi-Function Relay-At the PCC, a multi-function relay will be installed to monitor internal faults resulting from the NE/I source. The 52 Trip Breaker will trip if it detects the following:
 - 25 Synchronization Check
 - 27 Undervoltage
 - 59 Overvoltage
 - 810/U Under and Over Frequency
 - ID -Active Anti-Islanding
- Inverter Breakers Each inverter is equipped with an AC breaker at the output of the inverter providing additional overcurrent protection
- Facility Overcurrent Protection All circuits within the facility are protected from both phase-to-phase and phase-to-ground faults by appropriate overcurrent protection devices. Fuses are sized to clear under fault conditions within the generator facility

External Phase and Ground Faults in the Distribution System

The following protections are in place to protect against external faults resulting from the utility feeder:

- Multi-Function Relay At the main utility service, prior to the first facility load, a
 multi-function relay will be installed to monitor faults from the utility feeder. The 52
 Trip Breaker at the NE/I source PCC will trip under the following faults:
 - 27 Undervoltage
 - 32R- Reverse Power
 - 50/51- Overcurrent
 - 59 Overvoltage
 - 81O/U Under and Over Frequency
 - 67 Directional
- **Inverter Protection**: The inverters proposed for this project are certified to UL 1741, IEEE 1547, CSA C22.2 107.1-01 standards² and will behave accordingly.

Anti-Islanding

- The Energy Resource Facility will operate in a grid following mode and will not operate islanded.
- Anti-Islanding Inverters -The NE/I source inverters contain both passive and

² All references to standards or testing certifications should be read as the most current version.

active anti- islanding protection as required by IEEE 1547 and UL1741 SA. If the utility normal power supply is interrupted, the inverters detect the loss of power and disconnect.

Reverse Power

 Reverse Power Protection - In addition to the multi-function relay at the utility supply monitoring reverse power (32R), the load is continually monitored to ensure the NE/I source discharge is below the consumption of the facility. This additionally protects against power injection to the utility grid.

Directional Overcurrent

 Directional overcurrent protection - Directional overcurrent relays are normally used on incoming line circuit breakers on buses which have two or more sources. They are connected to trip an incoming line breaker for fault current flow back into the source, so that a fault on one source is not fed by the other sources.

Special Comment Regarding Inverter Based Generation

The inverters specified for this project have a limited fault current contribution.

 Because inverters are current-limited devices, unlike rotating generators, the fault current is very close to the maximum output current, limiting the fault current in the system to 120% -140% of FLA.

Breaker Failure Scheme (Facilities with an aggregate output > 500kW)

In the event that 52-A fails to open when intertie protection relay calls for a trip, 52-B will instantaneously trip and lock out.

Reconnection

Manual reconnection: There is no automatic reconnection scheme at this facility. A manual reconnection will only be executed when given permission by the respective controlling authority.

Open Phase Protection

Open phase protection will be provided by 46 and/or 47 element(s) in the intertie protection relay to ensure the BESS maintains a balanced 3-phase output and detects loss of voltage in one or more phases and will trip the entire generating facility upon detection of such.

Communications and Transfer Trip/DGEO

Summarize communication systems and transfer trip/DGEO timing.

Table 1: Protection Summary Matrix

Description	IEEE Device	Internal Faults	External Faults	Anti- Islanding	Reverse Power	Trips 52-A	Trips 52-B	Disables Inverters
Over-Voltage	59	X	Х	Х		X		X
Under-Voltage	27	X	Х	Х		X		Х
Over- Frequency	810	Х	Х	X		X		Х
Under- Frequency	81U	Х	Х	X		Х		Х
Instantaneous Over-Current Phase	50	Х	X			X		х
Timed Over- Current Phase	51	Х	X			X		Х
Reverse Power	32R			X	X	X		
Breaker Fail	50BF						X	
Active Anti- Islanding	IEEE 1547			X				X

Table 2: Protection Elements

Protection Element	Device#	Feeder Protection	IEEE 1741
Function	Devicen	Relay/Shunt Trip	SA
			Inverter
Over-Voltage	59	X	Υ
Under-Voltage	27	X	Υ
Over-Frequency	810	X	Υ
Under-Frequency	81U	X	Υ
Synchronization	25	X	Υ
Check			
Reverse Power	32R	X	
Overcurrent	50/51	X	Υ
Directional	67	X	
Active Anti-islanding	ID		X

X = Primary Y = Secondary