Load Interconnection Request Form (LIRF)



LIRF ID # (ATC use	only).

Date Submitted:

Revision:

INSTRUCTIONS:

- 1. Complete the LIRF in its entirety. Include proposed one-line for all projects affecting existing substations and if available, a project area map.
- 2. ATC will update the T-D queue and assign a LIRF ID Number and a Date Submitted when a complete LIRF is received if the LIRF is considered public information.
- 3. Please submit the LIRF to: T-DLIRFS@atcllc.com

Substation Name:				
Project Type*:		Other:		
Requested In-Service Date:		LDC Expected Constru	uction Start Date:	
Can project be listed on T-D Queue Yes	No (Cont	fidential)		
Project includes an un-forecasted load addition	of	MW and	MVAR	

*If the project type is a **transformer replacement**, indicate if such a project will include a **high voltage protection device replacement** as well. If a more detailed description of project type is necessary, provide in the Statement of Need.

REQUESTER INFORMATION

Requester:	Phone:	Email:
Company:	·	
Address:		
City:	State:	Zip:
Contact:	Phone:	Email:
LOAD INTERCONNECTION INFORMATION		
Location (Attach a One Line Diagram, drawing or map):		
Address:		

City:

One Line Diagram:

Will the distribution work require a LDC Certificate of Authority filing or CPCN filing with the PSCW?	Yes	No	Uncertain
Total distributed energy resource (DER) at the interconnection point: Existing:		MW	
Will a Portable Substation be required as part of this proposed project?	Yes	No	Uncertain



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LOAD INTERCONNECTION INFORMATION

PROJECT CHARACTERISTICS (Answer the following):

1. Are there any devices (esp. large motors) that may produce harmonic currents or voltage flicker/imbalance? Yes No Uncertain If yes, please describe below.

2. Is there bridging capability of the new (or existing) load? Yes No Uncertain If yes, please describe below.

3. Any other information related to the project that should be shared with ATC, such as Local Balancing Authority (LBA) metering impacts, significant site modifications, etc? If so, please describe below.

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Add Attachment:

TRANSFORMER SPECIFICATIONS

High Side: Voltage:	kV	Winding Type:				
Low Side: Voltage:	kV	Winding Type:				
Normal/Emergency ratings (MV	A):		Nameplate impedance:			
Capacitor banks MVAR & switching (timer, voltage):						
Ultimate number of transformers at site (within next 10 years):						

STATEMENT OF NEED FOR PROJECT

Include any information or report on the best-value alternative rationale. Attach additional sheets as needed.

JUSTIFICATION OF DISTRIBUTION PROJEC	Г
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Describe here:

SCOPE OF DISTRIBUTION PROJECT

Add Attachment:

Add Attachment:

Add Attachment:

Describe here:

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ANY ADDITIONAL PROJECT SCOPE / INFORMATION

Describe here:

10-YEAR LOAD PROJECTION

Substation Name:

If the 10-year load forecast for the affected substation(s) has (have) changed since the most recently submitted 10-year load forecast, please complete the following tables.

Loads unchanged from the most recently submitted 10-year load forecast.

Loads changed from the most recently submitted 10-year load forecast.

If loads have changed:

Indicate which season the peak load occurs.

• Forecast the peak load in the table below.

Indicate all substation load forecasts that would be affected by the proposed project.

Projection of Peak Reactive Power Requirements (MW)*

Substation Name:

				Y	E A	R				
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
**Affected SS(s) Name				•	•		`			



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LIRF ID # (ATC use only):

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Projection of Peak Reactive Power Requirements (MVAR)*

Substation Name:

Y E A R										
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
**Affected SS(s) Name										
		1		1		1		1		<u> </u>

Substation Name: