

L	IRF	ID	#	(ATC	use	only	
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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 Construction Start Date:
Can project be listed on T-D Queue Yes No (Cor	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	Ocation (attach a One Line Diagram drawing or a map):				Address:			
State: City: One			ne Line Diagram:					
Will the distribution work require a LD filing or CPCN filing with the PSCW?	k require a LDC Certificate of Authority Yes No Uncerta h the PSCW?							
Total distributed energy resource (DEI	R) at the interconnection point: Existing:		Μ	IW				
Will a Portable Substation be required	as part of this proposed project?		Yes	No	Uncertain			

PROJECT CHARACTERISTICS (Answer the following):

 Are there any devices (esp. large motors) that may produce harmonic currents or voltage flicker/imbalance? If yes, please describe: 	Yes	No	Uncertain
 Is there bridging capability of the new (or existing) load? If yes, please describe: 	Yes	No	Uncertain
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?			

Load Interconnection Request Form (LIRF)

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TRANSFORMER SPECIFICATIONS

High Side: Voltage: kV Winding Type:	Winding Type: Low Side: Voltage: kV Winding Type:								
Normal/Emergency ratings (MVA):	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 PROJECT	
SCOPE OF DISTRIBUTION PROJECT	

10-YEAR LOAD PROJECTION

0.1.4.4.4	NI
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. Click here for Seasons

• Forecast the peak load in the table below.

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

Projection of Peak Power Requirements (MW)*

					YEAR					
Substation Name	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
**Affected SS(s) Name										

Load Interconnection Request Form (LIRF)

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Projection of Peak Reactive Power Requirements (MVAR)*

					YEAR					
Substation Name	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032

**Affected SS(s) Name					

Substation

Name

Calculated Power Factor					