

Large Load Interconnection Criteria Confirmation Form



PURPOSE

This form is provided to ascertain whether the proposed load interconnection (≥ 200 MWs) complies with ATC's Large Load Interconnection Criteria, as specified in the ATC Load Interconnection Guide and ATC's Planning Criteria.

INSTRUCTIONS

Please complete and return this form with all supporting attachments to T-DLIRFS@atcllc.com. ATC will review your submission and confirm whether your project meets the large load interconnection criteria or if further information/action is required.

CUSTOMER INFORMATION

Company Name:	
Contact Person:	
Email:	Phone:
Project Name / Location:	Requested In-Service Date:

INTERCONNECTION DETAILS

Substation Name:			
Interconnection Voltage:	345 kV	138 kV	Other:
Maximum Forecast Load (MW & MVAR):			

LARGE LOAD CRITERIA CHECKLIST

For each Large Load Interconnection Criteria listed below, please complete the following:

- If the load will comply with the criteria, please describe how it will adhere to the requirements. Provide any supporting documentation with the completed form when submitting it to ATC.
- If the load will not comply with the criteria, please explain why it will not and describe the load characteristics. Provide any supporting documentation with the completed form when submitting it to ATC.

1. Voltage, Reactive Power, and Power Factor Control (LIG Section 3.13)

- 1.1. Power factor requirements (at low side of transformer) met.
- 98% lagging/leading for single end-use customer ≥ 200 MW

Yes
No

2. Power Quality Impacts (LIG Section 3.14, Planning Criteria Section 9.1 & 9.2)

- 2.1. Compliance with ATC's harmonic, inter-harmonic, and flicker criteria (IEEE 519-2022, IEEE-1453-2022).

Yes
No

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2.2. Compliance with frequency and frequency control.

Yes

No

2.3. Load active power oscillations criteria met.

Yes

No

2.4. Load ramping criteria met.

Yes

No

2.5. Voltage ride through criteria met.

Yes

No

2.6. Load return to service criteria met.

Yes

No

3. Data Monitoring & Retention

3.1. Customer will monitor and retain load data for 90 days, as required (see LIG Section 3.14.5).

Yes

No

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Additional Comments :

or Attachments:

Customer Certification

By signing below, the Customer certifies that the information provided is accurate and that the proposed interconnection meets the criteria outlined above, or that any exceptions have been clearly explained.

Company:

Name:

Title:

Signature:

Date:

LDC Review

Reviewed by:

Signature:

Date:

Comments/Follow-up Required:

ATC Review (Internal Use Only)

Reviewed by:

Signature:

Date:

Comments/Follow-up Required:

References

ATC Load Interconnection Guide – <https://www.atcllc.com/customer-engagement/>

ATC Planning Criteria – <https://www.atc10yearplan.com/about/planning-criteria-and-tools-2/>