



**APPLICATION FOR CERTIFICATION**

Once complete, please email to [DataCenters@ul.com](mailto:DataCenters@ul.com) to engage UL in certifying your data center. We will contact you in 2-3 business days.

**Project Description**

Criteria	Description
Project Location	
New or Existing Data Center	
Total Building Area (sf)	
Data Center Area (sf)	
Total Critical Load (MW)	
Quantity of Critical Load Blocks (Including Redundant Blocks)	
Client Project Manager / Coordinator for Certification – Contact Information	
MNDA – Request UL MNDA or Submit your Own MNDA	

**Project Documentation Requirements**

Criteria	Yes	No
Project Basis of Design / Owner Project Requirements	<input type="checkbox"/>	<input type="checkbox"/>
Issued for Construction Drawings	<input type="checkbox"/>	<input type="checkbox"/>
Approved / Record Shop Drawings and Submittals	<input type="checkbox"/>	<input type="checkbox"/>
Electrical Thermal Ductbank Calculations	<input type="checkbox"/>	<input type="checkbox"/>
Short Circuit, Coordination, and Arc-Flash Hazard Studies	<input type="checkbox"/>	<input type="checkbox"/>
Mechanical PUE Calculations	<input type="checkbox"/>	<input type="checkbox"/>
Communications Cabling Manufacturer Warranty or Cable Test Reports	<input type="checkbox"/>	<input type="checkbox"/>
Level 4 and 5 Commissioning Reports	<input type="checkbox"/>	<input type="checkbox"/>
Security Vulnerability Study and Basis of Design	<input type="checkbox"/>	<input type="checkbox"/>
Owner Occupancy Permit	<input type="checkbox"/>	<input type="checkbox"/>

**\*Confidentiality Statement:** The following information submitted is confidential in nature, and only the parties at UL and ESD will have access to documentation and prospective client data. Upon filling in the information requested, UL will submit a Mutual No- Disclosure Agreement. Prior to executing the MNDA, all information herein is considered confidential.



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**Architectural/Structural Requirements**

Criteria	Yes	No
Roof structure meets local code required wind ratings	<input type="checkbox"/>	<input type="checkbox"/>
Construction Type: IBC Type I, II, or III	<input type="checkbox"/>	<input type="checkbox"/>
Fire rated partitions per code	<input type="checkbox"/>	<input type="checkbox"/>
Code required fire and life safety	<input type="checkbox"/>	<input type="checkbox"/>

**Electrical Requirements**

Criteria	Yes	No
Concurrently Maintainable design for critical systems, including power distribution to support systems (mechanical, controls, etc)	<input type="checkbox"/>	<input type="checkbox"/>
Generator Rating – Standby (acceptance determined by quality of utility source(s))	<input type="checkbox"/>	<input type="checkbox"/>
Generator Fuel – 24 hours runtime	<input type="checkbox"/>	<input type="checkbox"/>
Separate raceways for redundant power sources	<input type="checkbox"/>	<input type="checkbox"/>
Short circuit, coordination, and arc-flash studies performed.	<input type="checkbox"/>	<input type="checkbox"/>

**Mechanical Requirements**

Criteria	Yes	No
Concurrently Maintainable design for critical systems (equipment and distribution)	<input type="checkbox"/>	<input type="checkbox"/>
Free cooling, as required by code	<input type="checkbox"/>	<input type="checkbox"/>
Minimum 24 hour make up water storage, if applicable	<input type="checkbox"/>	<input type="checkbox"/>
Leak Detection	<input type="checkbox"/>	<input type="checkbox"/>
PUE <1.5 or meeting ASHRAE 90.1-2016 for climate zone	<input type="checkbox"/>	<input type="checkbox"/>

**Fire Protection Requirements**

Criteria	Yes	No
Pre-action sprinkler system within the data center and critical support spaces	<input type="checkbox"/>	<input type="checkbox"/>
Very Early Warning Fire Detection within data center and critical support spaces	<input type="checkbox"/>	<input type="checkbox"/>

**Communications Requirements**

Criteria	Yes	No
Dual Entrance Facilities, physically diverse, multiple carriers	<input type="checkbox"/>	<input type="checkbox"/>
Dual NETPOP, physically diverse	<input type="checkbox"/>	<input type="checkbox"/>
Redundant Network design	<input type="checkbox"/>	<input type="checkbox"/>

**Security Requirements**

Criteria	Yes	No
Security vulnerability assessment for property performed by licensed security professional	<input type="checkbox"/>	<input type="checkbox"/>
Security measures implemented per threat assessment	<input type="checkbox"/>	<input type="checkbox"/>

**Controls System Requirements**

Criteria	Yes	No
Concurrently maintainable design	<input type="checkbox"/>	<input type="checkbox"/>
Critical control systems not reliant on network communication	<input type="checkbox"/>	<input type="checkbox"/>
Data hall pressure measurements	<input type="checkbox"/>	<input type="checkbox"/>
Environmental measurements within data halls, electrical rooms, and battery rooms.	<input type="checkbox"/>	<input type="checkbox"/>

**Commissioning Requirements**

Criteria	Yes	No
Level 5 Integrated Systems Testing performed	<input type="checkbox"/>	<input type="checkbox"/>

**General**

Criteria	Yes	No
All installed equipment approved by accredited laboratory	<input type="checkbox"/>	<input type="checkbox"/>