



Summary

Hut 8 is soliciting proposals from qualified commissioning agents to provide comprehensive commissioning and Integrated Systems Testing (IST) services for the Riverbend Data Center project in Louisiana. The selected firm will oversee and execute commissioning activities in accordance with ASHRAE and NEBB standards, ensuring all systems are installed, tested, and verified to meet project performance requirements.

Overview

The Riverbend project comprises six (6) data halls and one (1) Network Room totaling 224 MW of IT capacity, supported by 300 MW of utility power. Commissioning will occur in phased 36 MW blocks.

- Switchyard Commissioning: May 2026 – July 2026
- Data Hall Commissioning: August 2026 – February 2027
- Level 4 – IST Duration: No more than six (6) weeks per 36 MW block

Note: Key milestones and equipment lists are subject to changes based on final engineering efforts

Attachments included: Basis of Design (BOD), Equipment List, Ramp Schedule (Utility Power & Data Halls)

Scope of Work

The commissioning agent will be responsible for Level 1 through Level 5 commissioning and IST.

- Levels 1–3: Performed by the General Contractor, but under the responsibility and oversight of the commissioning agent.
- Levels 4–5 and IST: Fully executed by the commissioning agent, including coordination, documentation, and system verification.

Scope includes development of commissioning plans, verification of readiness, functional testing, integrated systems testing, and delivery of complete commissioning documentation. Any equipment necessary to perform commissioning functions shall be supplied by the commissioning agent. If any equipment cannot be supplied by the commissioning agent, it is expected that this be called out in the proposal.

We ask that the commissioning agent deliver a solution that they believe best represents their services and what is necessary for a quality product.

Additionally, we request QA/QC services be presented as a separate service offering or independent line item separate from commissioning.

Deliverables

Proposals should include the following information:

1. Schedule Estimate: The duration and sequencing assumptions by phase.
2. Manpower Plan: The staffing requirements and duration by phase.
3. Cost Proposal: Provide a level and phase-based breakdown. Please separate out equipment purchase/rental costs as well. QA/QC efforts should also be proposed separately if not a part of standard commissioning services.
4. Relevant Experience: Provide examples of prior work experience, particularly with large data center projects and/or hyperscale facility commissioning.



Project Schedule



Ramp Schedule: Utility Power & Data Halls

Switchyard and Data Center Commissioning & Operations

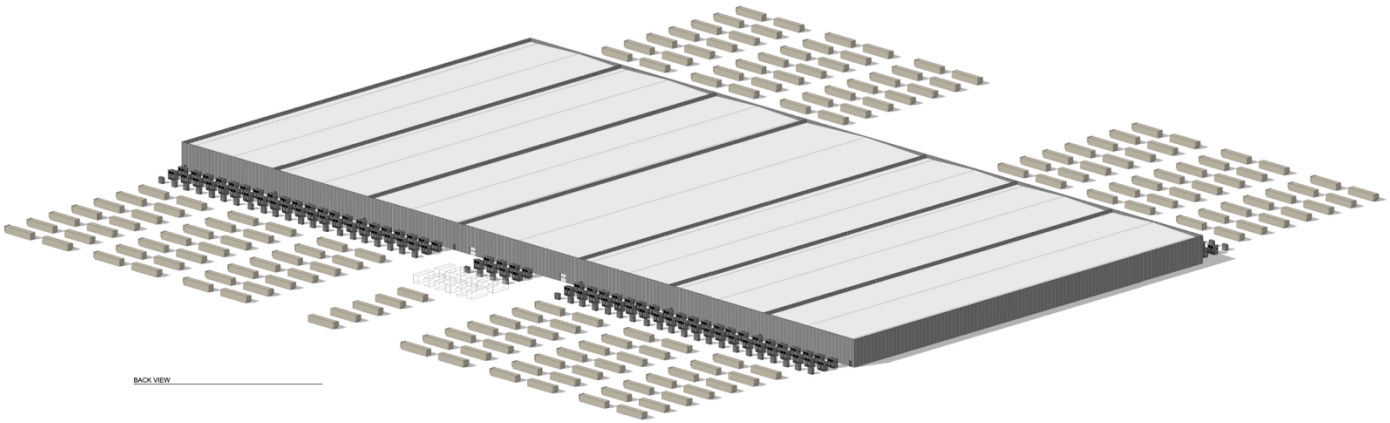
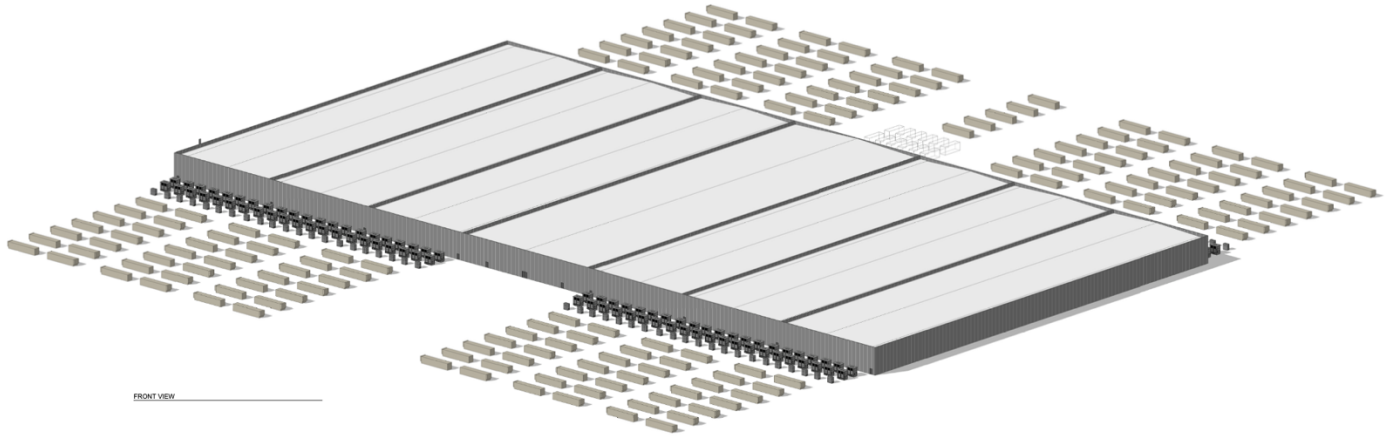
- Switchyard commissioning is expected to start and end between May 2026, and July 2026, enabling 300 MW of utility power available for consumption from August 2026 onward
- Data hall commissioning will commence in August 2026, with 36 MW completed over a two-month interval, followed by successive 36 MW phases every two months until all halls are fully commissioned by February month end 2027

Data Hall / Item	Commissioning Start	Commissioning Complete	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	Jan-27	Feb-27	Mar-27
Switchyard	5/1/2026	7/31/2026	-	-	-	-	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0
Total Utility Load (MW)			-	-	-	-	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0
Data Hall 1	8/1/2026	9/30/2026	-	-	-	-	-	-	-	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
Data Hall 2	9/1/2026	10/31/2026	-	-	-	-	-	-	-	-	36.0	36.0	36.0	36.0	36.0	36.0	36.0
Data Hall 3	10/1/2026	11/30/2026	-	-	-	-	-	-	-	-	-	36.0	36.0	36.0	36.0	36.0	36.0
Data Hall 4	11/1/2026	12/31/2026	-	-	-	-	-	-	-	-	-	-	36.0	36.0	36.0	36.0	36.0
Data Hall 5	12/1/2026	1/31/2027	-	-	-	-	-	-	-	-	-	-	-	36.0	36.0	36.0	36.0
Data Hall 6	1/1/2027	2/28/2027	-	-	-	-	-	-	-	-	-	-	-	-	36.0	36.0	36.0
Total IT Load (MW)			-	-	-	-	-	-	-	-	-	36.0	72.0	108.0	144.0	180.0	216.0

- Construction
- Commissioning Stage
- Delivered / Operating



Project Rendering





The architectural floor plan depicts a large, symmetrical building with a central entrance and a grid-based room layout. The plan is oriented with the entrance at the top center. The building is divided into several main sections, each containing multiple rooms. The rooms are labeled with codes and numbers, such as CL 101, CL 102, LH 101, LH 102, AD 101, AD 102, and so on. The plan also includes dimensions for various rooms and overall building measurements. A legend is provided at the bottom of the plan, defining the symbols used for different room types and features. The building is surrounded by a parking lot, and the entire plan is enclosed within a rectangular border.

**Equipment List**

Gray Space - Outdoor	Item	Quantity	OEM	Description
	Transformer - Data Hall IT	192	TBD	34.5kV - 480V 2.5MVA
	Transformer - Data Hall Mech	72	TBD	34.5kV - 480V 5MVA
	Transformer - Network IT	8	TBD	34.5kV - 480V 2MVA
	Transformer - Network Mech	4	TBD	34.5kV - 480V 3MVA
	Ring Main Unit	138	TBD	34.5kV
	MV Switchboard	12	TBD	34.5kV
	Chiller	162	Vertiv	Vertiv OFC
	Buffer Tank	162	TBD	
Gray Space - Indoor	Item	Quantity	OEM	Description
	LV Switchboard - Data Hall Elec	192	Vertiv	4000A
	LV Switchboard - Data Hall Mech	72	Vertiv	5000A
	LV Switchboard - Network Elec	8	Vertiv	4000A
	LV Switchboard - Network Mech	4	Vertiv	4000A
	Uninterruptible Power Supply (UPS)	676	Vertiv	480V APM2 600kVA
	CRAH Fan Wall - Electrical Room	64	Vertiv	CA606
	Battery Cabinets	2104	Vertiv	LI5 - LI7
*White Space – Option 1	Item	Quantity	OEM	Description
	HAC - SmartRun	41	Vertiv	Hot Aisle Containment
	Rack Power Panel	576	Vertiv	1000/1200A
	Remote Distribution Panel	328	Vertiv	400A RXV Panels
	Cooling Distribution Unit (CDU)	190	Vertiv	XDU 2300
	CRAH Fan Wall - Data Hall	214	Vertiv	CA606
*White Space – Option 2	Item	Quantity	OEM	Description
	HAC - SmartRun	65	Vertiv	Hot Aisle Containment
	Rack Power Panel	960	Vertiv	1000/1200A
	Remote Distribution Panel	40	Vertiv	400A RXV Panels
	Cooling Distribution Unit (CDU)	190	Vertiv	XDU 2300
	CRAH Fan Wall - Data Hall	214	Vertiv	CA606
*White Space – Option 3	Item	Quantity	OEM	Description
	HAC - SmartRun	41	Vertiv	Hot Aisle Containment
	Rack Power Panel	576	Vertiv	1000/1200A
	Remote Distribution Panel	40	Vertiv	400A RXV Panels
	Cooling Distribution Unit (CDU)	190	Vertiv	XDU 2300
	CRAH Fan Wall - Data Hall	214	Vertiv	CA606

***NOTE:** Only one of the White Space options will be selected – all three potential options are provided here for visibility. Please base pricing off White Space Option 2 as it is the most extensive listing.