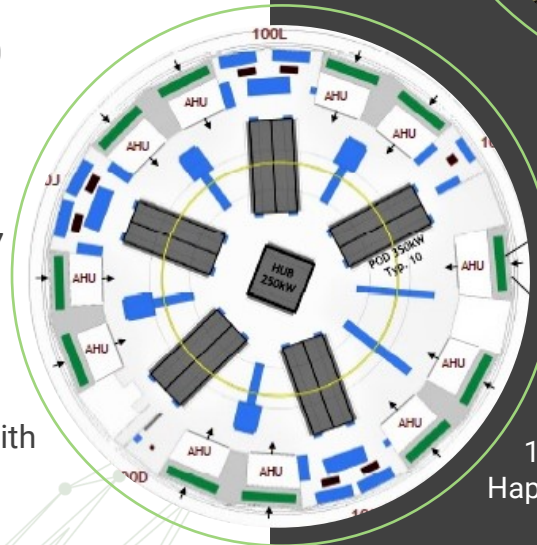


## Specifications: 4MW Model

- TIER 3 “Lights Out” Remotely Operated Facility with Concurrent Maintainability
- Modular and Highly Scalable with Concurrent Scalability
- Free-air Design with ASHRAE Recommended Operating Range
- Operates without Raised Floors, Chillers, CRAC Units, Heaters, Ductwork, Exhaust fans, Humidifiers, Dehumidifiers, and UPS Storage Batteries
- Extensively Modeled with CFD
- Heterogeneous Equipment Accommodation (equipment and power segregation not required)
- Unique Geometry - Aluminum Geodesic Dome (25,000 SF under the dome)
- Building External - Slab-On-Grade; Diameter - 179ft; Height - 48.5ft; Total Site Footprint - 40,000 SF (Less than 1 Acre)
- Seismic factor - 1.25
- Internal - 11 IT Equipment Pods (spoke and wheel configuration); White Space - 10,000 SF
- Rack Capacity - 166 52U Server Racks, 15 Racks/Pod (8,632 rack units equivalent to 205 42U racks)
- Power Distribution - User Configurable Busway, 240V, 3PH
- IT Power – Scalable: 1.0 to 3.85 MW; Avg 23.7 kW/Rack (40 kW/rack peak load); 350 kW Per Pod
- Mechanical - 11 Supply Air Fan Walls with Integrated Supplemental Evaporative Cooling, with an Airflow up to 726,000 CFM with a Velocity Between 300-420ft/min
- Power Utilization Efficiency (PUE) Annualized at 1.13 – 1.17
- Water Utilization Effectiveness (WUE) - 0.1 – 0.2 L/kWh
- N+1 Electrical & Mechanical Redundancy
- N+1 Diesel Generators Emergency Power
- Power Conditioning & Energy Storage - Static Double Conversion UPS with Flywheel Storage (also configurable with battery back-up)



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