	XS	Small	Medium	Large	XL	Enclosure Composition
1.0						**RESILIENCE / PERFORMANCE**
1.1	X	X	X	X	X	One hundred percent non-flammable construction
1.2		X	X	X	X	Wall Insulation - R Value <13
1.3		X	X	X	X	Insulation - Vapor Barrier
1.4				X	X	No thermal bridging in construction
1.5	X	X	X	X	X	Weatherproof enclosure or structure including building shell if internal site

	XS	Small	Medium	Large	XL	Power Delivery
2.0						**Utility**
2.1	X	X	X	X	X	Single Utility Source
2.2					X	Dual Utility Sources
2.3			X	X	X	Utility Power Monitoring (Voltage, Frequency, etc)
3.0						**UPS or DC Plant**
3.1	X	X	X	X	X	Single system with internal bypass
3.2					X	Multi systems with internal bypass
3.3			X	X	X	Power Quality Monitoring for UPS
3.4	X	X	X	X	X	Remote Monitoring, Alerting, Logging of UPS and UPS Events
						Battery Reserve
3.5.1			X	X		Single string/cabinet with disconnect
3.5.2					X	Two or more strings/cabinets with disconnect in each
3.5.3			X	X		Reserve time of <1min @ EOL - End of Life
3.5.4					X	Reserve time of =7min @ EOL - End of Life
3.5.5					X	Battery Monitoring System - cell vs. battery string
3.5.6					X	Remote Monitoring, Alerting, and Logging of Battery System and Battery System Events
4.0						**Emergency Back-up Power**
4.1			X	X	X	Single system single output (N)
4.2			X	X	X	Automatic Transfer Switch (ATS)
4.3			X	X	X	Monitoring, Logging, Telemetry for ATS
4.4			X	X	X	Portable Generator Connection Provision
5.0						**Power Reserve Capability**
5.1	X	X	X	X	X	Power capacity at Maximum Load 2 - 48 hours
6.0						**Grounding**
6.1	X	X	X	X	X	Primary source measuring < 5 Ohms resistance
6.2	X	X	X	X	X	TVSS - Transient Voltage suppression system installed in critical power distribution panels

7	XS	Small	Medium	Large	XL	Environmental Conditioning
7.1.1					X	Annualized PUE < 1.5
7.1.2				X		Annualized PUE Between 1.5 & 1.75
7.1.3	X	X	X			Annualized PUE Between 1.75 & 2.25
7.2.1	X	X	X	X	X	Rack Inlet Temp and Humidity - ASHRAE Recommended during Steady-State Operation
7.2.2	X	X	X	X	X	Rack Inlet Temp and Humidity - Temporarily outside of ASHRAE Recommendations during access events (environmental excursions)
7.2.3	X	X	X	X	X	Rack Inlet Temp and Humidity - Outside of ASHRAE Recommendations Recovery in <5 Minutes
7.3	X	X	X	X	X	Environmental Controls Automation, Logging, Alerting and Monitoring
7.3.1		X	X	X	X	Network Redundancy for Controls and Monitoring (2 Modalities)
7.4			X	X	X	Water leak detection system
7.5.1	X	X	X			Cooling Redundancy - N
7.5.2				X	X	Cooling Redundancy - N + 1

8	XS	Small	Medium	Large	XL	Fire Protection
8.1			X	X	X	Active Fire Supression
8.2			X	X	X	Active Fire Detection
8.3			X	X	X	Station Monitoring of Fire System

9	XS	Small	Medium	Large	XL	Facility Monitoring
9.1	X	X	X	X	X	Facility Level Monitoring and Alerting
9.1.1	X	X	X	X	X	Facility Level Alarming
9.2	X	X	X	X	X	Access to Facility Level Data in Machine readable format

10	XS	Small	Medium	Large	XL	Security
10.1.1			X	X	X	Multi Factor authentication
10.1.2			X	X	X	Remote NOC Controlled Access
10.1.3			X	X	X	Electronic Remote Door Access Control
10.1.4	X	X	X	X	X	Mechanical locks
10.2			X	X	X	Real time Video Surveillance (CCTV) Site Coverage
10.2.1			X	X	X	Archiving of Video Surveillance (CCTV)
10.2.2			X	X	X	Motion Deduction Alert, Logging, and Notification
10.2.3			X	X	X	AI/ML Adaptive Alerting for Video Surveillance (CCTV)
10.3	X	X	X	X	X	Door alarming
10.3.1	X	X	X	X	X	Central Station Alarm Monitoring
10.3.2	X	X	X	X	X	Access Panel Tamper Switches
10.3.3	X	X	X	X	X	Access Panel Tamper Remote Monitoring
10.3.4	X	X	X	X	X	Access Panel Tamper Remote Logging

11	XS	Small	Medium	Large	XL	Network
11.2					X	Multiple Carriers
11.2	X	X	X	X		Single Carrier
11.3.1			X	X	X	≥2 Diverse Paths (Fiber and Network)
11.3.2					X	≥2 Diverse POE's (Fiber)
11.4			X	X	X	Secure Meet-Me-Rack
11.5	X	X	X	X	X	Support for Wireless Connectivity (for remote locations, LTE, GPS, etc)
11.6		X	X	X	X	Remotely-managed peering switch/fabric
11.6.1	X	X	X	X	X	Software defined cross connect
11.6.2	X	X	X	X	X	Physical cross connect
11.7		X	X	X	X	Access to Network Telemetry in Machine readable format

Answers are: Yes, No, N/A. If N/A, respondent must include explanation.

OPEN-IX

Size Definitions
Extra Small - Extra Small Edge Facility - Street Furniture or Pole/Wall Mounted System.
Small - Small Edge Facility. Entry Level. Small Cabinet System or Street Furniture 0-4 Racks
Medium - Medium Edge Facility. 4-14 Racks. Basic Redundancy, Low to Moderate Density
Large - Large Edge Facility. 8-24 Cabinets/Racks. Moderate Redundancy or High Density
Extra Large - XL Edge Facility. 24+ Cabinets/Racks. High Density. High Redundancy