

Attachment. Building Systems by Data Center Tier

Building System	Non-Tier	Tier I	Tier II	Tier III	Tier IV
Interior Wall Finish	Sheetrock	Acoustical Tile	Acoustical Tile	Acoustical Tile	Acoustical Tile
Floor Finish	Vinyl Sheet	Access Flooring	Access Flooring	Access Flooring	Access Flooring
Ceiling Finish	Dropped Acoustical Tile	Dropped Acoustical Tile	Dropped Acoustical Tile	Dropped Acoustical Tile	Dropped Acoustical Tile
Plumbing	None	None	None	None	None
Energy Supply	None	Oil Storage Tank	Oil Storage Tank	Oil Storage Tank	Redundant Oil Storage Tank
Heating	None	None	None	None	None
Cooling	Air Cooled Condenser	Air Cooled Condenser	Redundant Air Cooled Condenser	Redundant Air Cooled Condenser	Redundant Air Cooled Condenser
Air Distribution	None	Single Zone Air Handler	Redundant Single Zone Air Handler	Redundant Single Zone Air Handler	Redundant Single Zone Air Handler
Package Units	Air Cooled AC Unit	Air Cooled AC Unit	Redundant Air Cooled AC Unit	Redundant Air Cooled AC Unit	Redundant Air Cooled AC Unit
Fire Protection	Sprinkler System	Sprinkler System	Sprinkler System	Sprinkler System	Sprinkler System
Electrical Distribution	Power Panel Board, Disconnect Switch	Secondary Transformer, Power Panel Board, Disconnect Switch	Main Switchgear, Secondary Transformer, Power Panel Board, Disconnect Switch	Multiple Path Redundant Main Switchgear, Secondary Transformer, Critical System Motor Control Center, Power Panel Board, Disconnect Switch	Multiple Path Redundant Main Switchgear, Secondary Transformer, Critical System Motor Control Center, Power Panel Board, Disconnect Switch
Generator	None	Diesel	Redundant Diesel	Redundant Diesel	Multiple Path Redundant Diesel
Uninterruptible Power Supply (UPS)	None	UPS	Redundant UPS	Redundant UPS	Multiple Path Redundant UPS

Source: Whitestone Research