

Control Center, LLC
Equipment Supply Capabilities

System Product	Current CCLLC Product (supplying to a major OEM)	Future Product		
		Strategic Target Easy	Stretch	Not in Strategic Plan
CT Auxiliary Systems				
Atomizing Air System				
AA system valves		X		
Auxiliary transformer				X
Bulk Cable	X			
Bulk Conduit	X			
Compressor Bleed System				
HP and LP bleed valves	X			
Compressor Wash System				
Compressor wash skid	X			
Drain System - CT				
Combustor drain valve		X		
Oily waste tanks				X
Electrical Package				
Electrical package assembly		X		
Motor control centers	X			
Panels (e.g.: DC panelboard, AVR, metering)		X		
Batteries, battery rack, and charger				X
Enclosure - CT				X
Exhaust System				
Exhaust transition			X	
Expansion joint				X
Exhaust manifold			X	
Exhaust stack				X
Exhaust T/C Rakes	X			
Fire Protection System (CO2, FM200)				X
Fuel Gas System				
Valves (throttle, isolation, vent, OST)	X			
FG control panel	X			
Various FG system T/C's	X			
Fuel Oil System				
Fuel oil / water injection skid(s)	X			
Pump skid assembly (incl. Pump and motor)	X			
Duplex filter assembly	X			
Valves (throttle, isolation, relief, PDP, OST)	X			
Flow divider		X		
Flow meter	X			
Heat Tracing - CT	X			
Hydraulic Control System - CT				
Hydraulic supply skid		X		
Hydraulic supply startup package	X			
Ignitors		X		
Intake Air System				
Inlet duct and silencer			X	
Inlet filter assembly			X	
Inlet air RTD's		X		
Inlet manifold			X	
Self-cleaning inlet filter air compressor skid		X		
Instrumentation panels		X		
IGV position indicator assembly	X			

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Instrument Air System				
PS & G cabinet	X			
Air compressor assembly		X		
Aux compressed air tank	X			
Aux compressed air tank instrumentation	X			
Insulation Blankets - CT				X
Lube Oil System - CT				
Accumulator charging system		X		
Mechanical package or lube oil skid	X			
Oil mist eliminator / vapor extractor		X		
Duplex lube oil filter assembly		X		
Valves (pressure regulating, bypass)		X		
Pumps (AC and DC)		X		
Lube oil cooler		X		
LO drain sight glass, T/C, etc.		X		
Medium voltage MCC assembly / starters				X
Medium voltage switchgear				X
Meteorological Equipment				
Ambient temperature & humidity transmitter	X			
Barometric Pressure transmitter	X			
P2C Sensor Panel	X			
Performance Monitoring System	X			
Piping and Tubing - Interconnect Systems				
Cooling air / Compressor bleed I/C piping		X		
Fuel gas I/C piping and manifolds		X		
Fuel oil I/C piping and manifolds	X			
Fuel oil I/C tubing	X			
Water injection I/C piping	X			
Water injection tubing	X			
Purge air I/C piping		X		
Atomizing air I/C Piping	X			
Lube oil I/C piping		X		
Turbine support cooling piping		X		
Instrument I/C Tubing	X			
Compressor wash I/C Piping		X		
Generator coolant I/C Piping		X		
Seal oil I/C Piping		X		
Control oil I/C Tubing	X			
Drain I/C Piping		X		
Exhaust pressure I/C Tubing	X			
EH tubing	X			
Steam injection I/C piping and manifold		X		
Flex hoses	X			
Piping insulation				X
Piping - Major Packages for CT				
Turbine pipe rack assembly		X		
Power Augmentation System				
Valves		X		
Strainer		X		
Flow meter	X			
Purge Air System		X		

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Rotor Cooling Air System				
Cooling air filter	X			
Cooling air thermocouples	X			
Cooling air cooler			X	
Cooling air bypass valve		X		
Scanner / Flame Detectors				
UV detectors			X	
Spare Parts Lists	X			
Stairs and Platforms				X
Starting auxiliary transformer				X
Starting System				
Starting package assembly			X	
Starting motor			X	
Startup Equipment List	X			
Steam Injection System				
Valves (isolation, purge, blowdown)	X			
Strainer	X			
Flow Meter	X			
Transition Steam Cooling System				
Valves (control, isolation)		X		
Steam strainers		X		
Steam outlet drain		X		
Steam cooling control panel		X		
Steam cooling filter	X			
Flow Meter	X			
Turbine Wash System				
Turbine wash package assembly		X		
UPS System				X
Water Injection System				
Water injection pump skid, incl. Pump & motor	X			
Filter	X			
Valves (ARC, throttle)	X			
Flow meters	X			
Water injection forwarding pump skid		X		
Wet Compression System	X			

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ST Auxiliary Systems				
Drain System - ST				
Valves		X		
EH System - ST				
EH Skid		X		
Accumulators		X		
Enclosure - ST		X		
Exhaust Spray Cooling System				
Exhaust hood spray valves		X		
Gland Steam System - ST				
Gland steam regulating skid		X		
Valves (regulating, bypass)		X		
Gland steam condenser		X		
Strainers		X		
Heat Tracing - ST	X			
Lube Oil System - ST				
Lube oil skid, incl. Pumps & motors		X		
Accumulator charging system		X		
Oil mist eliminator assembly		X		
Duplex lube oil filter assembly		X		
Valves (regulating, bypass)		X		
Pumps (AC, DC)		X		
Lube oil cooler		X		
LO drain sight glass, T/C, etc.		X		
Miscellaneous ST Auxiliary Equipment				
V/T Surge Protection Cubicle				X
STG Miscellaneous Electrical Equipment	X			
Thermocouple BOM	X			
Startup Equipment List	X			
Spare Parts Lists	X			

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Generator Auxiliary Systems				
Compressed Gas System (H2 and CO2)				X
Coupling cover turbine to generator	X			
Generator and Associated Electrical Equipment				
Generator lineside cubicle / MAVR				X
Isophase bus duct				X
Static exciter system				X
Generator Aux Control Enclosure	X			
Generator circuit breaker				X
Generator circuit breaker enclosure				X
Generator Cooling System				
Generator cooler (AKA Glycol cooler)			X	
Generator coolant gauge panel		X		
Generator coolant T/C's		X		
Generator Protective Relay Panel	X			
Generator step-up transformer				X
Glycol Cooler			X	
Hydrogen Generating System				X
Seal Oil System				
Seal oil supply skid		X		
Seal oil vapor extractor assembly		X		
Generator liquid detector assemblies		X		
Gauge panel	X			

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Balance of Plant Systems				
Aux. Cooling Water System				
Aux cooling water pumps		X		
Pump inlet strainer		X		
Black Start System				
Breakers				X
Diesel generator				X
Boiler Feed Water System				
Boiler feedwater pumps			X	
BFPs inlet strainer		X		
Circulating Water System				
Circ water valves		X		
Circ water pumps		X		
Civil Engineering				
Power block foundation embedments				X
Aux equipment foundation anchor bolts				X
Leveling wedges				X
Condensate System				
Condensate pump inlet strainer		X		
Condensate pumps		X		
Condenser				
Condenser				X
Condensed & filtered water tank level switch		X		
Condenser hotwell level transmitters		X		
Continuous Emissions Monitoring System		X		
Cooling Tower				
Cooling tower			X	
Neutralization basin level transmitter		X		
Cycle Makeup Pumps		X		
Demin Water Treatment System		X		
Desuperheaters - Misc. Systems		X		
Fuel Gas Handling System				
Filter separators	X			
Flow meters	X			
Flow computers	X			
Gas Chromatographs	X			
Fuel gas heater	X			
Fuel gas heater temperature control valve	X			
Valves (isolation, bypass, regulating)	X			
Fuel Oil Handling System				
Fuel oil storage tank level transmitter		X		
Fuel treatment system		X		
Fuel oil unloading skid	X			
Fuel oil forwarding skid	X			
Heat Tracing - BOP	X			
HRSG				
HRSG				X
HP and hot drip pot level element				X
HRSG blowdown sump level switch				X
Oil / Water Separators				
Separators		X		
Discharge pumps		X		

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Plant Control System				
DCS control system				X
Vibration monitoring equipment			X	
Plant Fire Water System				
Fire water pumps		X		
Raw Water Supply System				
Raw water sump level switches	X			
Raw water sump ultra level transmitter		X		
Raw water supply pumps		X		
Transformers				X
Zero Discharge System		X		