

## Unit 1 Specifications and Systems List

### Systems

APB	AC Power Supply (120/208 Volts)
APC	AC Power Supply (480 Volts)
APD	AC Power Supply (4160 Volts)
APE	AC Power Supply (2400 Volts)
APF	AC Power Supply (13,200 Volts)
APH	DC Power Supply
API	Uninterruptible Power Supply
ASB	Fly Ash
BSA	Buildings and Enclosures
CAB	AQCS Compressed Air
CCB	Pulse Jet Fabric Filter
CCE	Induced Draft
CCF	Selective Catalytic Reduction
CCH	Sorbent Injection
CCH	Powder Activated Carbon Injection
CGE	Ammonia Supply
CMA	Communication
COA	Control and Monitoring
EEA	Freeze Protection
EEB	Grounding
FPA	Fire Protection
LTA	Lighting
SGB	Combustion Air
SGC	Air Preheat
SGM	Neural Network
STA	Site
WSC	AQCS Service Water

### Specifications

#### Civil / Structural Purchase Contracts:

61.0800	Concrete
61.0915	Metal Wall and Roof Panel Systems
61.1808	Precast Concrete Manholes
61.3801	Ductwork and Breeching
61.4001	Structural Steel
61.4006	Metal Roof Deck and Concrete Deck Form

#### Architectural Purchase Contracts:

62.0942	Building Insulation
62.3200	Building HVAC
62.0800	Fire Protection Equipment

**Electrical Purchase Contracts:**

63.0000	Electrical Equipment & Materials
63.0501	Lightning Protection Equipment and Materials
63.0601	Plant Communication System
63.0604	Plant Security System
63.0700	Cathodic Protection
63.0801	Medium Voltage Power Cable
63.0824	Cable - 600V Control - Non-Class 1E
63.0840	Cable - 300-600V Instrument & T/C - Non-Class 1E
63.1201	Iso-Phase Bus Duct
63.1206	Cable Bus
63.2000	Metering & Relaying
63.2001	Protective Relay Panels
63.2600	Raceway - General
63.2605	Wireways
63.2610	Raceway - Cable Tray
63.2800	UPS System
63.2801	Batteries - DC Equipment
63.2805	Panel Boards
63.2806	125V DC Distribution Panel
63.3000	Motor Control Centers Equipment
63.3002	Variable Frequency Drives
63.3600	Switchgear and Motor Control Assemblies
63.3601	Medium Voltage Switchgear
63.3602	Medium Voltage Controllers
63.3802	Aux Transformer
63.5001	Lighting
63.5002	Junction Boxes
63.5030	Welding System
63.5500	Grounding Materials and Equipment
63.6210	Disconnect Switches

**Control Purchase Contracts:**

64.0202	DCS / PLC mods
64.0203	Misc Control Loop System
64.0404	Vibration Monitoring
64.0407	Neural Networks
64.0602	Primary Flow elements
64.0607	Sight Flow Indicators
64.0613	Flow Meters
64.0801	Transmitters - Level
64.0805	Switches - Level
64.1001	Transmitters - Pressure
64.1002	Indicators - Pressure
64.1202	Indicators - Temperature

64.1203	Thermocouple Assemblies & TWS
64.1601	Control Cabinets & Control Panels
64.1602	Instr. Racks and Enclosures
64.5010	Tubing
64.5050	Instrument Stands

**Environmental Chemical Purchase Contracts:**

65.1113	Ammonia Supply/Storage
65.3230	SO <sub>3</sub> Removal System (Sorbent Injection)
65.3120	Pulse Jet Fabric Filter
65.3310	NO <sub>x</sub> Reduction System
65.3311	NO <sub>x</sub> Catalyst
65.3500	PAC Mercury Control
65.3600	Continuous Emissions Monitoring (CEM)
65.4100	Safety Showers

**Mechanical Materials Purchase Contracts:**

66.1000	Pipe and Piping Accessories
66.2070	Pipe Supports (Purchaser Designed)
66.3000	Valves

**Mechanical Equipment Purchase Contracts:**

67.0400	Fly Ash Handling
67.5300	Shop Fabricated Tanks
67.6115	Regenerative Air Heaters
67.7930	Air Preheat Coils
67.9531	Forced Draft Fans
67.9200	Preheat Coil Pumps

**Civil / Structural Construction Contracts:**

71.0402	General Construction - Substructures
71.0403	General Construction - Superstructures

**Architectural Construction Contracts:**

72.0600	Field Applied Protective Coatings
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**Electrical / Control Construction Contracts:**

73.0201	Electrical Equipment Erection
73.0205	Iso-Phase Bus Duct Installation
73.0900	Freeze Protection

**Control and Instrumentation Construction Contracts:**

74.0200	Control & Instrumentation Installation
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**Mechanical Materials Construction Contracts:**

76.1000	Plant Piping Installation
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**Mechanical Equipment Construction Contracts:**

77.0000 Mechanical Equipment Erection  
77.5450 Field Erected Tanks

## Unit 2 Specifications and Systems List

### Systems

APB	AC Power Supply (120/208 Volts)
APC	AC Power Supply (480 Volts)
APD	AC Power Supply (4160 Volts)
APE	AC Power Supply (2400 Volts)
APF	AC Power Supply (13,200 Volts)
APH	DC Power Supply
API	Uninterruptible Power Supply
ASB	Fly Ash
BSA	Buildings and Enclosures
CAB	AQCS Compressed Air
CCB	Pulse Jet Fabric Filter
CCE	Induced Draft
CCF	Selective Catalytic Reduction
CCH	Sorbent Injection
CCH	Powder Activated Carbon Injection
CGE	Ammonia Supply
CMA	Communication
COA	Control and Monitoring
EEA	Freeze Protection
EEB	Grounding
FPA	Fire Protection
LTA	Lighting
SGB	Combustion Air
SGC	Air Preheat
SGM	Neural Network
STA	Site
WSC	AQCS Service Water

### Specifications

#### Civil / Structural Purchase Contracts:

61.0800	Concrete
61.0915	Metal Wall and Roof Panel Systems
61.1808	Precast Concrete Manholes
61.3801	Ductwork and Breeching
61.4001	Structural Steel
61.4006	Metal Roof Deck and Concrete Deck Form

#### Architectural Purchase Contracts:

62.0942	Building Insulation
62.3200	Building HVAC
62.0800	Fire Protection Equipment

**Electrical Purchase Contracts:**

63.0000	Electrical Equipment & Materials
63.0501	Lightning Protection Equipment and Materials
63.0601	Plant Communication System
63.0604	Plant Security System
63.0700	Cathodic Protection
63.0801	Medium Voltage Power Cable
63.0824	Cable - 600V Control - Non-Class 1E
63.0840	Cable - 300-600V Instrument & T/C - Non-Class 1E
63.1201	Iso-Phase Bus Duct
63.1206	Cable Bus
63.2000	Metering & Relaying
63.2001	Protective Relay Panels
63.2600	Raceway - General
63.2605	Wireways
63.2610	Raceway - Cable Tray
63.2800	UPS System
63.2801	Batteries - DC Equipment
63.2805	Panel Boards
63.2806	125V DC Distribution Panel
63.3000	Motor Control Centers Equipment
63.3002	Variable Frequency Drives
63.3600	Switchgear and Motor Control Assemblies
63.3601	Medium Voltage Switchgear
63.3602	Medium Voltage Controllers
63.3802	Aux Transformer
63.5001	Lighting
63.5002	Junction Boxes
63.5030	Welding System
63.5500	Grounding Materials and Equipment
63.6210	Disconnect Switches

**Control Purchase Contracts:**

64.0202	DCS / PLC mods
64.0203	Misc Control Loop System
64.0404	Vibration Monitoring
64.0407	Neural Networks
64.0602	Primary Flow elements
64.0607	Sight Flow Indicators
64.0613	Flow Meters
64.0801	Transmitters - Level
64.0805	Switches - Level
64.1001	Transmitters - Pressure
64.1002	Indicators - Pressure
64.1202	Indicators - Temperature

64.1203	Thermocouple Assemblies & TWS
64.1601	Control Cabinets & Control Panels
64.1602	Instr. Racks and Enclosures
64.5010	Tubing
64.5050	Instrument Stands

**Environmental Chemical Purchase Contracts:**

65.1113	Ammonia Supply/Storage
65.3230	SO <sub>3</sub> Removal System (Sorbent Injection)
65.3120	Pulse Jet Fabric Filter
65.3310	NO <sub>x</sub> Reduction System
65.3311	NO <sub>x</sub> Catalyst
65.3500	PAC Mercury Control
65.3600	Continuous Emissions Monitoring (CEM)
65.4100	Safety Showers

**Mechanical Materials Purchase Contracts:**

66.1000	Pipe and Piping Accessories
66.2070	Pipe Supports (Purchaser Designed)
66.3000	Valves

**Mechanical Equipment Purchase Contracts:**

67.0400	Fly Ash Handling
67.5300	Shop Fabricated Tanks
67.6115	Regenerative Air Heaters
67.7930	Air Preheat Coils
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67.9532	Induced Draft Fans
67.9200	Preheat Coil Pumps

**Civil / Structural Construction Contracts:**

71.0402	General Construction - Substructures
71.0403	General Construction - Superstructures

**Architectural Construction Contracts:**

72.0600	Field Applied Protective Coatings
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**Electrical / Control Construction Contracts:**

73.0201	Electrical Equipment Erection
73.0205	Iso-Phase Bus Duct Installation
73.0900	Freeze Protection

**Control and Instrumentation Construction Contracts:**

74.0200	Control & Instrumentation Installation
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**Mechanical Materials Construction Contracts:**

76.1000 Plant Piping Installation

**Mechanical Equipment Construction Contracts:**

77.0000 Mechanical Equipment Erection

77.5450 Field Erected Tanks



## Unit 3 Specifications and Systems List

### Systems

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63.0501	Lightning Protection Equipment and Materials
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63.0604	Plant Security System
63.0700	Cathodic Protection
63.0801	Medium Voltage Power Cable
63.0824	Cable - 600V Control - Non-Class 1E

63.0840	Cable - 300-600V Instrument & T/C - Non-Class 1E
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63.1206	Cable Bus
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63.2001	Protective Relay Panels
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63.2605	Wireways
63.2610	Raceway - Cable Tray
63.2800	UPS System
63.2801	Batteries - DC Equipment
63.2805	Panel Boards
63.2806	125V DC Distribution Panel
63.3000	Motor Control Centers Equipment
63.3002	Variable Frequency Drives
63.3600	Switchgear and Motor Control Assemblies
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63.3602	Medium Voltage Controllers
63.3802	Aux Transformer
63.5001	Lighting
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63.5500	Grounding Materials and Equipment
63.6210	Disconnect Switches

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64.0202	DCS / PLC mods
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64.0404	Vibration Monitoring
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64.0801	Transmitters - Level
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64.1001	Transmitters - Pressure
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64.1202	Indicators - Temperature
64.1203	Thermocouple Assemblies & TWS
64.1601	Control Cabinets & Control Panels
64.1602	Instr. Racks and Enclosures
64.5010	Tubing
64.5050	Instrument Stands

**Environmental Chemical Purchase Contracts:**

65.3120 Pulse Jet Fabric Filter  
65.3500 PAC Mercury Control  
65.4100 Safety Showers

**Mechanical Materials Purchase Contracts:**

66.1000 Pipe and Piping Accessories  
66.2070 Pipe Supports (Purchaser Designed)  
66.3000 Valves

**Mechanical Equipment Purchase Contracts:**

67.0400 Fly Ash Handling  
67.5300 Shop Fabricated Tanks

**Civil / Structural Construction Contracts:**

71.0402 General Construction - Substructures  
71.0403 General Construction - Superstructures

**Architectural Construction Contracts:**

72.0600 Field Applied Protective Coatings

**Electrical / Control Construction Contracts:**

73.0201 Electrical Equipment Erection  
73.0205 Iso-Phase Bus Duct Installation  
73.0900 Freeze Protection

**Control and Instrumentation Construction Contracts:**

74.0200 Control & Instrumentation Installation

**Mechanical Materials Construction Contracts:**

76.1000 Plant Piping Installation

**Mechanical Equipment Construction Contracts:**

77.0000 Mechanical Equipment Erection  
77.5450 Field Erected Tanks