N PLANT NORTH

LEGEND

UAA	SWITCHYARD STRUCTURE
UAH	RAW WATER ELECTRICAL ROOM
UBA	SWITCHGEAR BUILDING
UBA50	AQCS SWITCHGEAR BUILDING
UBA81	POWER CONTROL CENTER
UBB	POWER CONTROL CENTER FOR BOILER HOUSE
UBC	STRUCTURE FOR STATION TRANSFORMER
UBD	STRUCTURE FOR LV-AUXILIARY TRANSFORMERS
UBE	STRUCTURE FOR AUXILIARY TRANSFORMERS
UBF	STRUCTURE FOR GENERATOR TRANSFORMER
UBH01	STRUCTURE FOR OIL COLLECTING PIT/OIL SEPERATOR
UBN	EMERGENCY POWER GENERATING SET
UBX	STRUCTURE FOR GENERATOR BREAKER
UEB01	COAL YARD: ACTIVE COAL STORAGE
UEB02	COAL YARD: INACTIVE COAL STORAGE
UEB03	COAL YARD: COAL STOCK OUT PILE
UED	STRUCTURE FOR COAL TRANSPORT
UEE	CRUSHER HOUSE
UEF	JUNCTION TOWER
UEN02	GAS CYLINDER PAD
UET01	STRUCTURE OF DRY ASH SILOS
UET02	STRUCTURE OF WET ASH BUNKER
UEX01	COAL CONTROL CENTER
UGA	RAW WATER TANK
UGC	DEMINERALIZED WATER TANK
UGD	WATER TREATMENT STATION
UGE	STRUCTURE FOR NEUTRALIZATION SYSTEM
UGG	POTABLE WATER STORAGE TANK AND PUMP HOUSE
UGF	FIRE PROTECTION TANK
UGH	POND PUMP STATIONS
UGH01	STORM WATER POND 1B
UGH06	COAL PILE RUNOFF / STORM WATER POND 1A
UGH07	RAW WATER TANK
UGJ01	STRUCTURE FOR COOLING TOWER CHEMICAL FEED
UGU02	WASTEWATER TREATMENT PLANT
UGM	DIRTY WATER SURGE TANK
UGU	LIFT STATION
UGV	SEWAGE TREATMENT PLANT/SEWAGE TREATMENT BLDG
UGX	DIRTY WATER PUMP ROOM
UGY	UTILITY BRIDGE

LEGEND

UHA	STEAM GENERATOR BUILDING
UHF	BUNKER BAY
UHN01	STRUCTURE FOR INDUCED DRAFT FAN
UHN02	FLUE GAS STACK
UHQ	FLUE GAS FILTER STRUCTURE
UMA	STEAM TURBINE BUILDING
URA	COOLING TOWER STRUCTURE
URD	COOLING TOWER PUMP (CIRCULATING WATER)
USG	RAW WATER/FIRE FIGHTING PUMP HOUSE
UST/UYC	ADMIN/WAREHOUSE/WORKSHOP BUILDING
UTH	BUILDING OF AUXILIARY BOILER
UTX	BOILER DRAIN TANK
UVC	FLUE GAS ABSORBER
UVD	ABSORBER PUMP STRUCTURE
UVE	LIME PREPARATION AREA
UVE02	HYDRATED LIME STORAGE SILO
UVF	GYPSUM PREPARATION AREA
UVK03	STRUCTURE FOR LIMESTONE PILE
UVK04	STRUCTURE FOR GYPSUM PILE
UVM01	STRUCTURE FOR NH3 UNLOADING
UVM02	STRUCTURE FOR NH3-STORE AND SUPPLY SYSTEM
UYF	SECURITY GATEHOUSE
UYD01	BULLDOZER GARAGE
UZD	PARKING AREA
PAB	CIRCULATING WATER PIPING SYSTEM
SGJ	CO2 TANK

TERMINAL POINTS

TP1	RAW MAKE UP WATER
TP2	FUEL GAS
TP3	PROCESS WASTEWATER
TP4	POTABLE WATER
TP5	GENERATOR STEP-UP TRANSFORMER HIGH VOLTAGE BUSHING
TP6	12.5 KV CONSTRUCTION POWER SUPPLY
TP7	FIBER OPTIC UTILITY INTERFACE
TP8	NOT USED
TP9	COMMUNICATION SERVICE
TP10	COAL RECEIVING
TP11A	FLY ASH
TP11B	BOTTOM ASH
TP12A	LIMESTONE
TP12B	HYDRATED LIME
TP13	FGD WASTE SLUDGE
TP14	WATER TREATMENT CHEMICALS
TP15A	DEMIN/CONDENSATE POLISHER SYSTEM CHEMICALS
TP15B	WASTE WATER TREATMENT CHEMICALS
TP16	AQUEOUS AMMONIA
TP17	LUBE OIL
TP18	NOT USED
TP19	HYDROGEN GAS
TP20	CO2 GAS
TP21	COAL YARD DUST SUPPRESSION WATER
TP22	COAL YARD FIRE SUPPRESSION WATER
TP23	CONDUIT FOR COAL YARD CONTROL CABLES
TP24	ELECTRIC POWER TO WASTE WATER RETURN PUMPS
TP25	CONTROL WIRING FOR WASTE WATER RETURN PUMPS
TP26	CONDUIT FOR SWITCHYARD CONTROL CABLES
TP27	COAL YARD POWER SUPPLY
TP28	SWITCHYARD POWER SUPPLY

LEGEND

GRAVEL

CONCRETE

NOTES

1. CENTER OF STACK

   PLANT COORDINATES: N 2000.00 FT
   E 6000.00 FT

   UTM COORDINATES ZONE 17:
   N 4395635 M
   E 589232 M

2. CENTER LINE RADIUS OF ALL ROAD CURVES SHALL BE MINIMUM 50.0'

THIS DRAWING IS PROVIDED TO COORDINATE THE LOCATION OF THE VARIOUS COMPONENTS AND STRUCTURES OF THE LONGVIEW POWER PROJECT. IT IS BASED ON INFORMATION RECEIVED FROM LONGVIEW POWER, SIEMENS, AKER KVAERNER, FOSTER WHEELER, AND DEVELOPED BY BURNS AND ROE.

GRAPHIC SCALE

0 50' 100' 200' 300'

1" = 100.0'

Rev No	Revision	Date	Dwn	Chkd	Approved Chief Engr
5	ADDED NEW ACCESS ROAD TO UVK03; IDENTIFIED GRAVEL AND CONCRETE PAVEMENT; ADDED HOLD #C0015	8/8/08	ML	WR	—
6	ADDED AC UNIT CONDENSER PADS; REVISED RAW WATER SYSTEM COMPONENTS, FLY ASH SILO STRUCTURE, AND BLOWER PAD; DELETED HOLD #C0015;	9/24/08	ML	WR	—
7	ADDED PERIMETER FENCE, UGM CALLOUT AND LEGEND; UPDATED UGY FOOTPRINT, TP21, TP22, UGV	3/18/09	ML	WR	—
3	UPDATED LIMESTONE STORAGE AREA, BOTTOM ASH HANDLING AREA, GYPSUM STORAGE AREA, SWITCHYARD FENCE AND ROADWAY	5/12/08	ML	—	—
4	UPDATED LIMESTONE HANDLING EQUIPMENT	5/15/08	ML	WR	—
5	UPDATED FOOTPRINT FOR UBA81 (PCC); TRUCK SCALE LOCATION, ROAD LAYOUT; RELOCATED UYQ01 & UGG; ADDED UTX; UPDATED ROAD ACCESS TO BOILER BLDG	—	ML	—	—
8	UPDATED ROAD LAYOUT AND PARKING BASED ON GENERAL ARRANGEMENT PLAN DATED 7/8/09 TO INCORPORATE ITEM 1 THRU ITEM 17 AS PROVIDED BY AKER SOLUTIONS	7/22/09	ML	MP	—
9	RECORD DRAWING REFLECTING INFORMATION FROM AKER SOLUTIONS, CTL ENGINEERING, & TRAID ENGINEERING.	9/11/11	JCH	VR	—

Drawing Control

Purpose	Approved By	Date	Released By	Date
For Information				9/14/11
For Comment				
For Bid				
For Fabrication				
For Construction				

MANSUKHLAL M. PATEL

WEST VIRGINIA PROFESSIONAL ENGINEER NO. 17333

Engineering Review

Disc	Engr	Date
Mech		
Elec		
Civil		
Arch		
Instr		

Drawn	Designed	Checked
ML	ML	MP

Lead Engineer M PATEL — Date 6/4/07 — Scale 1"=100'

SIEMENS Siemens Power Generation

LONGVIEW POWER, LLC
LONGVIEW POWER PLANT
MAIDSVILLE, WEST VIRGINIA

SITE PLAN

BURNS AND ROE ENTERPRISES, INC.
Engineers and Constructors - Oradell, NJ
West Virginia Certificate of Authorization No. C00070-00

Approved for Construction	Work Order	Drawing No	Sh	Rev
Chief CIVIL Engineer	2826	C001		9