

Boundary Report



Block SubBlk Section Description

TECO Tampa Electric

- 01 Northwest Unit of the plant. Includes Gasification Unit, Brine Unit, Acid Unit, Coal Slurry Building, and pipe lines to flares.**
- A On West side of Block 1. Contains Flare, pipe racks to flare, and conveyor belt.
 - 01 Flare and associated structure.
 - 02A North/South pipe rack heading toward flare. Stops on South side of road. Includes 2 tanks and a tower on West side of North/South pipe rack.
 - 02B Pipe rack that starts at South side of road and runs North to flare.
 - 03 Conveyor belt running East/West from ground into silos and associated structure. Includes stairway to Southwest.
 - 04A Exterior of building at West end of conveyor belt.
 - 04B Equipment below and structure up to building at West end of conveyor belt.
 - 04C Interior of structure at West end of conveyor belt.
 - 05A East/West pipe rack from North/South pipe rack off of flare. Ends at propane tank. Includes equipment and electrical boxes on the way.
 - 05B Bullet tank at far West end of East/West pipe rack coming from flare.
 - B Center of block 1. North of the Gasification Unit. Contains the inside and outside of the Slurry Building, conveyor belts, and the inside and outside of the silos.
 - 01A Structure and equipment surrounding, inside and on top of silos.
 - 01B Electrical boxes and substation near silos.
 - 02 Conveyor belt and structure starting at ground on East side of silos heading to slurry building.
 - 03A Exterior of Slurry Building.
 - 03B East side of the interior structure in the Slurry Building. (Building divided by columns on the West side of GEHO pump).
 - 03C All equipment and piping on the East side of Slurry Building. (Building divided by columns on the West side of GEHO pump).
 - 03D West side of the interior structure in the Slurry Building. (Building divided by columns on the West side of GEHO pump).
 - 03E All equipment and piping on the West side of the Slurry Building. (Building divided by columns on the West side of GEHO pump).
 - 03F Exterior roof area of Slurry Building.
 - C Brine Unit. West of the Acid Plant and North of the Gasification Structure. Contains equipment, pipe racks, and tanks
 - 01A Exterior and structure of storage building on North side of Unit.
 - 01B Interior of storage building at North side of unit.
 - 01C Covered chemical storage area that includes extension to pipe rack.
 - 02 Structure, piping and equipment West of North/South pipe rack. North of 01.C.03A. Includes tank.
 - 03A Multilevel structure on West side of North/South pipe rack. Includes structure, piping, and equipment.
 - 03B Smaller multilevel structure just South of 01.C.3A. Includes piping, equipment, and structure.
 - 04 North/South pipe rack and associated structure running through center of 01.C.
 - 05 4 tanks running along East side of North/South pipe rack ending South of building.
 - D The Acid Plant. East of the Brine Unit. Contains equipment and pipe racks.
 - 01 Loading rack on North side of East/West road at Northernmost part of unit and small adjacent building.
 - 02 North/South pipe rack beginning at North side of East/West road. Heads South to Acid Area. Includes extension West to tank.
 - 03 Tank and structure within dikes. West of North/South pipe rack.
 - 04 3 towers in Northwest part of the Acid Area and associated structure.

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(01 D 05)	
TECO Tampa Electric	
05	Exchanger area South of Tank that includes structure and piping. Also includes preheater structure due South.
06	Acid Compressor Skid West of Acid area. Includes Southwestern most tower in Acid Area and all associated piping/structure.
07	Multilevel structure in the Southern Acid Process Area and pump area just Southwest. Includes all associated equipment, piping and structure.
08	Pipe rack from North side of Northern Acid Area to tee in East/West pipe rack in the block directly South. Includes all associated equipment, piping and structure.
09	All equipment, piping and structure on east side of pipe rack in Northern Acid Area.
10A	Exterior of Acid Plant Substation "8B".
10B	Interior of Acid Plant Substation "8B".
11	North of East/Wets pipe rack. East of North/South pipe rack. All equipment and structure surrounding the insulated drums South of Substation.
12	Southeast corner of 01.D. Air compressors, tanks, and associated structure and piping.
E	Southeast corner of Block 1. East of Gasification Unit and South of Brine Unit. Contains pumps, tanks and a pipe rack.
01	North/South pipe rack that tees into East/west pipe rack North of Administration building and associated piping/structure.
02A	Boiler and multilevel structure South of East/West pipe rack.
02B	Pumps and tanks running along East side of North/South pipe rack South of boiler.
03	Pumps and tanks running along West side of North/South pipe rack.
F	Gasification Unit. South Central are in Block 1. Contains a 16 story structure, tanks, equipment, and substations.
01	East/West pipe rack where it widens to where it 90's North. Includes equipment on South side of pipe rack.
02A	East/West pipe rack at wide part South of Slurry building. Includes extension into slurry. Heads East for 16 bays.
02B	East/West pipe rack running East from tee in North/South rack 14 bays to East side of roadway.
03	Substation 5 and six electrical boxes on the South side of it. Includes the structure from the North/South pipe rack that connects.
04	Pump area and both sides of tank on South side of East/West pipe rack.
05	Tower and associated structure South of tank.
06	Multilevel structure and process area South of tower.
07	North/South pipe rack running off of East/West pipe rack South to Gasification structure. Includes all associated equipment and structure.
08A	Multilevel structure and equipment West of North/South pipe rack and North of Amine Stripper.
08B	Amine Stripper, Saturator, and Acid Gas Adsorbed South of Gasification structure and West of North/South pipe rack. Includes adjacent vessels and exchangers.
09	Multilevel structure, piping and equipment North of the Gasification structure on West side. Includes 2 insulated tanks.
10	Off West side of Gasification structure, pipe rack extends East/West between 2 Substations (just structure). Also on East side of Substation 6.
11	Substation "I/06" on West side of Gasification structure. South of East/West pipe rack.
12	Substation 6 on West side of Gasification structure. North of East/West pipe rack.
13	Electrical equipment on North side of Substation 6 and associated structure.
14	Southwest of Gasification structure, tank, equipment and piping inside dyke.
15	Pipe rack heading South out of West side of Gasification structure. Includes extension East/West and orange bullet tank.
16	Empty dike area with a small amount of equipment on North side. Yellow bumpers on outskirts.
17	Equipment, structure and piping on South side of Gasification structure where conveyor comes to ground.

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<i>Block SubBlk Section</i>	<i>Description</i>
(01 F 18)	
TECO Tampa Electric	
18	North/South pipe rack on Easternmost side of 01.F. Includes equipment and the extension West into the Gasification structure.
19A	Top floor of West wing.
19B	Actual 5th floor of West wing of Gasification structure labeled as 6th floor.
19C	Fourth floor of West wing of Gasification structure.
19D	Third floor of West wing of Gasification structure.
19E	Second floor of West wing of Gasification structure.
19F	Ground floor of West wing of Gasification structure.
19G	East/West pipe rack just North of West wing of Gasification structure.
20A	Top floor of Gasification structure. Sundeck.
20B	15th floor of the Gasification unit.
20C	14th floor of the Gasification unit.
20D	Actual 13th floor of the Gasification unit. Labeled 13.5.
20E	Actual 12th floor of the Gasification structure. Labeled 13th.
20F	Actual 11th floor of Gasification structure. Labeled 12-3/4.
20G	1.5 floors labeled 12.5 and 12.
20H	1.5 floors labeled 10.5 and 10.
20J	Actual 8th floor of Gasification unit. Labeled as 9.5.
20K	Actual 7th floor of the middle section of the Gasification unit. Labeled as 9th.
20L	Actual 6th floor of the middle section of the Gasification structure. Labeled as 7th.
20M	Actual 5th floor of the middle section of the Gasification unit. Labeled as 6th floor.
20N	Fourth floor of the middle section of the Gasification structure.
20P	Third floor of the middle section of the Gasification structure.
20Q	Second floor of the middle section of the Gasification structure.
20R	Ground floor in the middle section of the Gasification structure.
21A	Top floor of East wing of Gasification structure.
21B	Actual 5th floor of East wing of Gasification structure. Labeled as 6th floor.
21C	Fourth floor of East wing of Gasification structure.
21D	Third floor of East wing of Gasification structure.
21E	Second floor of East wing of Gasification structure.
21F	Ground floor of East wing of Gasification structure.
21G	East/West pipe rack just North of the East wing of Gasification structure.
02	Northeast section of the plant. Contains Diesel Tank and diesel pump area, HRSG unit, and pumping station on the East next to the lake.
A	Northern section of Block 2. Contains transformers in fenced in area.
B	In center of Block 2. Contains Diesel tank and small equipment surrounding tank, and a diesel pump station.
01	Diesel loading rack, equipment and piping North of large tank area. Include pump station East of diesel rack.
02	Tank and associated structure/piping.
03	North/South pipe rack starting at tee with East/West pipe rack to the tank area and equipment on East side of pipe rack. Includes pipe rack on North side of tank.
C	On Eastern side of Block 2. Water pumping station just West of the lake.
01	Electrical buildings and boxes. Includes piping South of area.
02	Cooling water pump area on east side of plant. Includes building, equipment, structure and piping.
D	Southwestern corner of Block 2. Contains HRSG Unit, crane area with pumps and equipment, several multilevel structures, pipe racks and the maintenance shop.

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<i>Block SubBlk Section</i>	<i>Description</i>
(02 D 01)	
TECO Tampa Electric	
01	Insulated stack and the structure rising on the sides.
02	Skin of HRSG.
03	Equipment, piping and structure on top of HRSG.
04	Piping equipment and structure on North side and beneath HRSG.
05	Equipment piping and structure between turbine building and HRSG.
06A	Exterior of turbine building. East of HRSG and South of Intake.
06B	Interior of turbine building. East of HRSG and South of Intake.
07	Electrical buildings West of intake and structure. "Water Wash Skid" and "Water Injection Skid".
08	Intake.
09	Buildings, piping and structure underneath intake. Includes building East of intake.
10	East/West pipe rack from transformers to generator. Includes breakers beneath.
11	Transformers and associated equipment/structure on East side of concrete wall.
12	Power block Substation "O" on East side of unit between transformers.
13	North/South pipe rack and crane rails running along North side of unit into open crane building.
14	Western North/South crane rail running parallel to other rail. Southeast of HRSG.
15	Generator East of HRSG. Includes associated structure, piping and equipment.
16	Process area on South side of generator between crane rails. North of walkway.
17A	Condenser Box.
17B	Ground floor equipment, piping and structure surrounding the condenser box. Includes pumps just South of structure in walkway.
17C	Second level equipment, piping and structure not including condenser box.
17D	Structure, rails, piping and turbines on top level of structure.
18	East/West pipe rack starting at East side of structure that heads to transformers. Includes Substation 7 South of pipe rack.
19	Transformers on East end of pipe rack.
20	Building labeled "SPEEC" and associated structure. South of structure. North of crane wall.
21A	Exterior of crane building.
21B	Interior structure of crane building and crane.
22	North/South pipe rack going into West side of crane building.
23	Process area just West of North/South pipe rack and associated piping and structure.
24	Pipe rack running along South side of HRSG. Turns North and then West and stops at tee with North/South pipe rack. Include equipment on North side of landing area. South of East/West pipe rack.
25	Piping and structure rising on South side of HRSG. North of East/West pipe rack.
26	Substation and electrical boxes on West side of stack past North/South pipe rack.
27A	Exterior of maintenance shop South of landing area.
27B	Interior of maintenance shop South of landing area.
03	Southwest corner of the plant. West of the ASU and South of Gasification Unit. Contains Slag Handling Unit and the Slag Storage Area.
A	Northeastern corner of Block 3. Slag Handling Unit that contains tanks, pumps, pipe racks and a multilevel structure.
01	East/West pipe rack running along North side of unit including associated equipment, piping and structure.
02	North of the Out of Service Structure. 1 large tank, 2 small tanks, and associated equipment, piping, and structure.
03	Out of Service multilevel structure.
04	Northeast/Southwest pipe rack running to Gasification structure. West of conveyor belt.
05	Conveyor belt rack heading Northeast to Gasification Structure.

Boundary Report



<i>Block SubBlk Section</i>	<i>Description</i>
(03 A 06)	
TECO Tampa Electric	
06	Main structure on South side of pipe rack and associated tanks, equipment and piping. North of slag storage.
B	Southern area of Block 3. Slag Storage Area.
04	East of the Slag Storage Area on the South side of the plant. Contains Air Separation Unit, Administration Building, portable Contractor Buildings, and the warehouse.
A	Northwestern corner of Block 4. Air Separation Unit that contains towers, pumps, generators, and other equipment. South of Gasification Unit.
01	East/West pipe rack South of Substation 3. 90's North along road up to East/West road.
02A	Exterior and structure of Substation 3.
02B	Interior of Substation 3.
02C	Transformers and electrical boxes on North and East sides of Substation 3.
03	East/West pipe rack to Administration building.
04	3 compressors on West side of 04.A and associated structure and piping.
05	Main Air Compressor and associated piping/equipment.
06	Adsorbers A-D and surrounding structure. West of Administration building. Includes equipment and filters on East and West sides.
07	North/South sleeper rack and associated structure running through center of unit.
08	Cold box, tower, nitrogen tank, and associated structure up to Degan Compressor.
B	Northeastern corner of Block 4. Administration Building and parking lot. Portable Contractor buildings, and Warehouse.
01	Exterior of Administration building including equipment on East side.
02	Portable Office Buildings "F" and "G". Includes equipment on top.
03A	Exterior of Warehouse. Includes equipment on top and sides and handrails and bumpers.
3B	Interior structure of warehouse.
05	Southeastern corner of the plant. Contains 4 Single Cycle Units.
A	Northernmost single cycle unit in Block 5.
01	Stack and associated structure up to paneled walls.
02	Paneled walls surrounding the piping and equipment East of stack.
03A	Exterior and structure of turbine building East of paneled wall.
03B	Interior structure, piping and equipment of Turbine building East of paneled wall.
04	Intake and associated structure.
05	Generator beneath the Intake and associated piping and structure.
06	Pipe rack on South side of generator heading East toward stone wall. Includes the building below it.
07	Transformer and associated structure East of wall. Includes pump area just North of transformer and small meter station East of transformer, across road.
08	2 electrical boxes, filters and piping beneath structure North of the turbine building.
09	Substation and 2 electrical buildings and structure. Includes 2 electrical buildings North of Substation.
10	Tank and equipment North of stack. East of pipe rack.
11A	Exterior of tank house Northeast of stack and small pipe rack.
11B	Interior of tank house and tank Northeast of stack.
12	Transformers and equipment on South side of unit.
B	Second Northernmost single cycle unit in Block 5.
01	Stack and associated structure up to paneled walls.
02	Paneled walls surrounding the piping and equipment East of stack.
03A	Exterior and structure of turbine building East of paneled wall.
03B	Interior structure, piping and equipment of Turbine building East of paneled wall.

Boundary Report



<i>Block SubBlk Section</i>	<i>Description</i>
(05 B 04)	
TECO Tampa Electric	
04	Intake and associated structure.
05	Generator beneath the Intake and associated piping and structure.
06	Pipe rack on South side of generator heading East toward stone wall. Includes the building below it.
07	Transformer and associated structure East of wall and the pump are just North.
08	2 electrical boxes, filters and piping beneath structure North of the turbine building.
09	Substation and 2 electrical buildings and structure. Includes 2 electrical buildings North of Substation.
10	Tank and equipment North of stack. East of pipe rack.
11A	Exterior of tank house Northeast of stack and small pipe rack.
11B	Interior of tank house and tank Northeast of stack.
12	Transformers and equipment on South side of unit.
C	Second Southernmost single cycle unit in Block 5.
01	Stack and associated structure up to paneled wall.
02	Paneled Walls surrounding the piping and equipment East of the stack.
03A	Exterior of building East of paneled walls up to intake. Includes piping and associated structure/equipment on South side and on top.
03B	Interior of building East of paneled walls. Includes piping, structure and equipment inside.
04	Intake and the associated structure and piping.
05	Generator beneath Intake and associated piping and structure.
06	Pipe rack on South side of generator heading East toward stone wall. Includes the equipment under pipe rack.
07	Transformer and associated piping and structure on East side of stone wall. Includes pump area just North of transformer and small meter station East of transformer, across road.
08	Structure on North side of unit. Breaker box building and associated piping/equipment.
09	CO2 Skid Northwest of stack, piping/structure heading East to 05.C.08, fin fans and piping West of skid, and building Northeast labeled "Water Wash Skid"
11	MCC building and transformers on South side of unit.
12A	Exterior of building on Southwest side of Unit.
12B	Interior of building on Southwest side of Unit including the piping/equipment inside.
D	Southernmost single cycle unit in Block 5.
01	Stack and associated structure up to paneled wall.
02	Paneled wall surrounding piping and equipment East of the stack.
03A	Exterior of building East of paneled wall up to Intake. Includes piping and associated structure/equipment on South side and on top.
03B	Interior of building East of paneled wall. Includes piping and equipment/structure inside.
04	Intake and associated structure and piping.
05	Generator beneath the Intake and associated piping and structure.
06	Pipe rack on South side of generator heading East toward stone wall. Includes equipment beneath pipe rack.
07	Transformer and associated piping/structure on East side of stone wall. Includes pump area just North.
08	Structure on North side of Unit. Breaker box unit and associated piping/equipment.
09	CO2 Skid Northwest of stack, piping/structure heading East to 05.D.08, and fin fans and piping West of skid.
10	Electrical building Northeast of the intake.
11	MCC building and transformers on South side of the unit.
E	Pipe racks in the Northwestern section of Block 5. Heads Northwest off of 05.A
01	North/South pipe rack located South of units 05.A/05.B. Includes structure and equipment. Stops where pipe rack drops to ground level.

Boundary Report



<i>Block</i>	<i>SubBlk</i>	<i>Section</i>	<i>Description</i>
(05	E	02)
TECO		Tampa Electric	
	02		Northwest/Southeast pipe rack running from north side of 5A to the road.