



PRIVATE TREATY SALE :

Onsite Turnkey or For Relocation

FIVE (5) COMPLETE AND OPERATIONAL 22 MW AND ONE (1) 30 MW FLUIDIZED BED PETROLEUM COKE POWER PLANTS
with Large Inventory of Spare and Replacement Parts



Locations:

- | | |
|----------|---|
| 1 | 895 E. 3rd St., Pittsburg, CA, (2.5 acre facility): The facility commenced operations on August 27, 1990 |
| 2 | 1600 Loveridge Rd., Pittsburg, CA, (3.43 acre facility): The facility commenced operations on December 21, 1989 |
| 3 | 1900 Wilbur Ave., Antioch, CA, (6.23 acre facility): The facility commenced operations on August 27, 1990 |
| 4 | 3400 Wilbur Ave., Antioch, CA, (9.24 acre facility): The facility commenced operations on October 10, 1989 |
| 5 | 555 Nichols Rd., Bay Point, CA, (2.63 acre facility): The facility commenced operations on March 15, 1990 |
| 6 | 10596 Idaho Ave., Hanford, CA, (5.5 acre facility): The facility commenced operations in August 1991 |



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A Legacy since 1937

This sale is conducted in partnership with:

Hilco Industrial, LLC
Auctioneers • Liquidators • Appraisers

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Heritage Global Partners

Asset Advisory and Auction Services

A Legacy since 1937

PRIVATE TREATY SALE

IMMEDIATELY ACCEPTING OFFERS

AUCTIONEER'S NOTE:

HGP is pleased to be selected to conduct this Private Treaty Sale of **GWF Power Systems**.

This Private Treaty Sale features Five (5) Complete and Operational 22 MW and One (1) 30 MW Fluidized Bed Petroleum Coke Power Plants with Large Inventory of Spare and Replacement Parts.

Please view our website at www.hgpauction.com for the bidding instructions and the full terms of the sale. Thank you for your interest, and we look forward to providing you quality equipment sales and World Class Service.

PREVIEW:

To obtain more information including scheduling a site preview, please visit www.hgpauction.com or

CONTACT:

David Barkoff

Email: dbarkoff@hgpauction.com

Office: +1 650.649.0147

ADDITIONAL INFORMATION:

For more information including a photo gallery, equipment list, terms and conditions of sale and more, please visit:

www.hgpauction.com

Buyer's Premium: 15% cash buyers; 18% for credit card purchasers (Refer to Term 7 in the Auction Terms and Conditions for details).

SALE WILL BE CONDUCTED IN ENGLISH AND WILL ACCEPT US CURRENCY ONLY



FIVE (5) COMPLETE AND OPERATIONAL 22 MW AND ONE (1) 30 MW FLUIDIZED BED PETROLEUM COKE POWER PLANTS



Locations:

- | | |
|---|---|
| 1 | (2.5 acre facility): 895 E. 3rd St., Pittsburg, CA, The facility commenced operations on August 27, 1990 |
| 2 | (3.43 acre facility): 1600 Loveridge Rd., Pittsburg, CA, The facility commenced operations on December 21, 1989 |
| 3 | (6.23 acre facility): 1900 Wilbur Ave., Antioch, CA, The facility commenced operations on August 27, 1990 |
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| 5 | (2.63 acre facility): 555 Nichols Rd., Bay Point, CA, The facility commenced operations on March 15, 1990 |
| 6 | (5.5 acre facility): 10596 Idaho Ave., Hanford, CA, The facility commenced operations in August 1991 |

These facilities each consist of a single fluidized bed boiler providing steam to a single steam turbine generator.

Partial Listing Only. Complete Sales Catalog Available Online @ www.hgpauction.com or www.hilcoind.com. For More Information, Please Contact **David Barkoff** at +1. 650. 649. 0147 or Email dbarkoff@hgpauction.com.

30 MW FLUIDIZED BED PETROLEUM COKE POWER PLANT : SITE #8

These facilities each consist of a single fluidized bed boiler providing steam to a single steam turbine generator.



THE FACILITIES INCLUDE:

320 MMBTU/HR FINES CIRCULATING FLUIDIZED BED BOILER, MANUFACTURED BY COMBUSTION POWER COMPANY

- Distributed Control System
 - HMI - Conductor NT 5.0.9, Bailey infi90
- NOX Abatement via a SNCR System Using Ammonia Injection
 - 11,000 Gallon Tank
- SO2 Abatement via Limestone Injection
 - 60 Ton Silo, 2 Simon MacCawber Injection Feeders
- Particulate Abatement via a Six Module Cantech Pulse Jet Baghouse
- Forced Circulation Steam Drum Circulation Loop
 - 3 Boiler Circulating Water Pumps
- Union Pump, Model 8x8x18 HTS
- 200 HP
- 3050 GPM @ 70 psid
- Fuel Feed System
 - 1200 Ton Silo, 150 Ton Fuel Surge Bin, Williams Model DFM-52 Fuel Processing Crusher/Dryer, 5 - Simon MacCawber Injection Feeders
- One Forced Draft Fan, Howden Fans
 - 1500 HP, 67500 ACFM
- One Induced Draft fan, Chicago Blower
 - 500 HP, 108193 ACFM
- One 50 mmBTU/Hr Air Preheat Burner Used for Start-up
 - Natural Gas
- One Diesel Storage Tank - 50,000 Gallons

ONE ABB VAX STEAM TURBINE WITH STEAM BYPASS

- Steam Turbine Operates at a Nominal 1474 psia, 951°F, 231 klb/Hr

STEAM TURBINE AUXILIARIES

- Lube Oil System
- Hydraulic Oil System
- Controls
- Extraction Steam

ONE ABB 31.9 MVA GENERATOR W/ PMG

ONE GSU TRANSFORMER

- ABB 26.9 MVA, 13.8/73kv

4.16KV STATION TRANSFORMER

- RTE

480 V STATION TRANSFORMER

- RTE

ONE HOLTEC CONDENSER - TITANIUM TUBES

ONE WET 3 CELL COOLING TOWER, MARLEY

- 1 Two Speed Fan per Cell
 - 40 HP / 10 HP
- 3 Circulating Water Pumps, Goulds
 - Two in Operation, One in Standby, 125 HP, 7733 GPM @ 39.2 Ft
- Water
 - Supply - On Site Well, Supply - City of Hanford, Discharge - City of Hanford, Reverse Osmosis Unit and a 70,000 Gallon De-mineralized Water Tank.

2 BOILER FEED WATER PUMPS (one operational / one Stand-by)

- Sulzer Bingham, 3x6x9 MSD, 14 Stage
- 800 HP

- 504 GPM / 4516 TDH

ONE 750 HP EMERGENCY DIESEL GENERATOR

ADDITIONAL STORAGE

- Silo - 1600 Cubic Feet Capacity
- Silo - 1600 Cubic Feet Capacity
- Silo - 19000 Cubic Feet Capacity
- Silo - 6050 Cubic Feet Capacity
- Warehouse/Maintenance Building

SITE 8 : A 5.5 ACRE SITE LOCATED AT 10596 IDAHO AVE. HANFORD, CA.

Hanford LP has one (1) facility in Kings County, California. This facility consists of a single fluidized bed boiler providing steam to a single steam turbine generator.



To obtain more information including scheduling a site preview, please visit www.hgpaction.com or Contact **David Barkoff** at **+1 650.649.0147** or Email dbarkoff@hgpaction.com.

22 MW PETROLEUM COKE POWER PLANTS : SITES #2, #4 & #5

These facilities each consist of a single fluidized bed boiler providing steam to a single steam turbine generator.

THE SITE #4 FACILITIES INCLUDE:

245 MMBTU/HR FINES CIRCULATING FLUIDIZED BED BOILER, MANUFACTURED BY COMBUSTION POWER COMPANY

- Distributed Control System
- HMI - Conductor NT 5.0.9
- Bailey infi90
- NOx Abatement via a SNCR System Using Ammonia Injection
- 11,000 Gallon Tank
- SO2 Abatement via Limestone Injection
- 300 Ton Silo
- Particulate Abatement via a Four Module Cantech Pulse Jet Baghouse
- Forced Circulation Steam Drum Circulation Loop
- 3 Boiler Circulating Water Pumps
- Union Pump, Model 6x8x15 HTS
- 125 HP
- 2200 GPM @ 62 psid
- Fuel Feed System
- 900 Ton Fuel Silo
- Single Fuel Train Consisting of 1 Metering Screw, 1 Bucket Elevator, 1 Scalper/Splitter
- 125 Ton Fuel Silo
- Dual Fuel Trains each Train Consists of 1 Metering Screw, and 2 Drag Conveyors
- One Forced Draft Fan, Howden Fans
- 1500 HP
- 53000 ACFM
- One Induced Draft Fan, Chicago Blower
- 500 HP
- 82846 ACFM
- One 70 mmBTU/Hr Air Preheat Burner Used for Start-up
- No. 2 Diesel
- Natural Gas
- One Diesel Storage Tank - 40,000 Gallons

ONE ABB VAX STEAM TURBINE WITH STEAM BYPASS

- Steam Turbine Operates at a Nominal 1494 psia, 996°F, 180 klb/Hr

SITE #4 : 9.24 ACRE FACILITY LOCATED AT 3400 WILBUR AVE. ANTIOCH, CA

GWF Power Systems LP has five (5) facilities in Contra Costa County, California.

These facilities each consist of a single fluidized bed boiler providing steam to a single steam turbine generator.

Similar assets to those listed below, can also be found at the following sites:

SITE #2 - 3.43 ACRE FACILITY: 1600 LOVERIDGE ROAD, PITTSBURG, CA

SITE #5 - 2.63 ACRE FACILITY: 555 NICHOLS ROAD, BAY POINT, CA



22 MW PETROLEUM COKE POWER PLANTS : SITES #2, #4 & #5

These facilities each consist of a single fluidized bed boiler providing steam to a single steam turbine generator.



THE SITE #4 FACILITIES, CONTINUED:

STEAM TURBINE AUXILIARIES

- Lube Oil System
- Hydraulic Oil System
- Controls
- Extraction Steam

ONE ABB 24.1MVA GENERATOR W/ PMG

ONE GSU TRANSFORMER

- ABB 22.4 MVA, 69/13.8kv

4.16KV STATION TRANSFORMER

- RTE

480 V STATION TRANSFORMER

- RTE

ONE HOLTEC CONDENSER - TITANIUM TUBES

ONE WET 3 CELL COOLING TOWER, MARLEY

- 1 Two Speed Fan Per Cell
 - 40 HP / 10 HP
- 3 Circulating Water Pumps, Goulds
 - Two in Operation, One in Standby
 - 100 HP
 - 5993 GPM @ 38.1 Ft
- Water
 - Supply - City of Antioch
 - Discharge - San Joaquin River
 - Reverse Osmosis Unit and a 16,000 Gallon De-mineralized Water Tank.

2 BOILER FEED WATER PUMPS (one operational / one Stand-by)

- Sulzer Bingham, 3x6x9 MSD, 14 Stage
- 600 HP
- 363 GPM / 4495TDH

ONE 750 HP EMERGENCY DIESEL GENERATOR

ADDITIONAL STORAGE

- Silo -1280 Cubic Feet Capacity
- Silo - 1600 Cubic Feet Capacity
- Silo - 9700 Cubic Feet Capacity
- Warehouse/Maintenance Building



SITE #4 : 9.24 ACRE FACILITY LOCATED AT 3400 WILBUR AVE. ANTIOCH, CA

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SITE #5 - 2.63 ACRE FACILITY: 555 NICHOLS ROAD, BAY POINT, CA



22 MW PETROLEUM COKE POWER PLANTS : SITES #1 & #3

These facilities each consist of a single fluidized bed boiler providing steam to a single steam turbine generator.

THE SITE #3 FACILITIES INCLUDE:

245 MMBTU/HR FINES CIRCULATING FLUIDIZED BED BOILER, MANUFACTURED BY COMBUSTION POWER COMPANY

- Distributed Control System
 - HMI - Conductor NT 5.0.9, Bailey infi90
- NOx Abatement via a SNCR System using Ammonia Injection
 - 11,000 Gallon Tank
- SO2 Abatement via Limestone Injection
 - 262 Ton Silo
- Particulate Abatement via a Four Module Cantech Pulse Jet Baghouse
- Forced Circulation Steam Drum Circulation Loop
 - 3 Boiler Circulating Water Pumps
- Union Pump, Model 6x8x15 HTS • 125 HP
- 2200 GPM @ 62 psid
- Fuel Feed System
 - 900 Ton Silo, Dual Fuel Trains each Train Consists of 1 Metering Screw, 1 Transfer Screw, 1 Bucket Elevator and 1 Vibrating Screen
 - 15 Ton Surge Bin, McCawbre Lock Vessel Injection Feeders
- One Forced Draft Fan, Howden Fans
 - 500 HP 53000 ACFM
- One Induced Draft Fan, Chicago Blower
 - 500 HP (Site 1 - 400 HP), 82846 ACFM
- One 70 mmBTU/Hr Air Preheat Burner used for Start-up
 - No. 2 Diesel, Natural Gas
- One Diesel Storage Tank - 40,000 Gallons

ONE ABB VAX STEAM TURBINE WITH STEAM BYPASS

- Steam Turbine Operates at a Nominal 1494 psia, 996°F, 180 klb/Hr

STEAM TURBINE AUXILIARIES

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ONE GSU TRANSFORMER

- ABB 22.4 MVA, 120/13.8kv

4.16KV STATION TRANSFORMER

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480 V STATION TRANSFORMER

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- 1 Two Speed Fan per Cell
 - 40 HP / 10 HP
- 3 Circulating Water Pumps, Goulds
 - Two in Operation, One in Standby, 100 HP, 5993 GPM @ 38.1 Ft
- Water
 - Supply - City of Antioch, Discharge - Delta Diablo Sanitation District, Reverse Osmosis Unit and a 16,000 Gallon De-mineralized Water Tank.

2 BOILER FEED WATER PUMPS (one operational / one Stand-by)

- Sulzer Bingham, 3x6x9 MSD, 14 Stage
- 600 HP
- 363 GPM / 4495TDH

ONE 750 HP EMERGENCY DIESEL GENERATOR

ADDITIONAL STORAGE

- Silo -1280 Cubic Feet Capacity
- Silo - 1600 Cubic Feet Capacity
- Silo - 11000 Cubic Feet Capacity
- Warehouse/Maintenance Building

SITE #3 - 6.23 ACRE FACILITY LOCATED AT 1900 WILBUR AVE., ANTIOCH, CA

GWF Power Systems LP has five (5) facilities in Contra Costa County, California.

These facilities each consist of a single fluidized bed boiler providing steam to a single steam turbine generator.

Similar assets to those listed below, can also be found at the following sites:

SITE #1 - 2.5 ACRE FACILITY: 895 E. 3RD ST., PITTSBURG, CA



SPARE/REPLACEMENT PARTS & PLANT SUPPORT EQUIPMENT

These facilities each consist of a single fluidized bed boiler providing steam to a single steam turbine generator.



LARGE INVENTORIES OF SPARE & REPLACEMENT PARTS AVAILABLE AT EACH FACILITY



HUGE INVENTORY OF SPARE & REPLACEMENT PARTS & SUPPLIES

Including: High & Low Pressure Rotors, HP Turbine, Boiler Feed Water Pump, Motors, Condensate Pumps & Motors, Air Ejector Packages, Generators, Transformers, Control Panels, Motors, Heaters, Scalper/Splitters, Blowers, Pumps, Blowers, Impellers, Dampeners, Shafts, Air Preheaters, Boiler Convection Units, Start-Up Burners, Steam Drums, Baghouse Flue Gas Sections, Ductwork, Steam Pipes in Various Sizes, Structural Steel, Pipes, Valves, Gearboxes, Circuit Breakers, Fuses, Seals, Bearings, Rings, Clutches & Miscellaneous Hardware, Etc. Systems, Switchgear, Control Consoles, Motor Control Systems, Etc.

ELECTRICAL DISTRIBUTION

Including: Transformers, Back Up Systems, Breaker Panels, Control Systems, Switchgear, Control Consoles, Motor Control Systems, Etc.

SHOP SUPPORT EQUIPMENT

Including: Bridge Cranes, Forklifts, Shop Air Compressors, Fire Extinguisher Systems, Etc.

MAINTENANCE SHOP EQUIPMENT

Including: Drill Presses, Pedestal Grinders, Knaack Gang Boxes, Heavy Duty Steel Welding Tables With Wilton Vise, Ridgid 535 Power Pipe Threader, Ellis Bandsaw, DeWalt Cut-Off Saw, Hypertherm Plasma Cutters, Dry Rod Electrode Oven, PowCon 300 6m Wire Welder, Welding Power Supplies, Abrasive Dry Blast Cabinet, Hand Tools, Power Tools, Hardware, Repair & Service Parts & Hardware, Valves, Seals, Nuts, Bolts, Fittings, Service Tools, Cabinets, Etc

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GWF POWER SYSTEMS : Spare/Replacement Parts & Plant Support Equipment

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ONSITE TURNKEY OR FOR RELOCATION

On behalf of:



FIVE (5) COMPLETE AND OPERATIONAL 22 MW AND ONE (1) 30 MW FLUIDIZED BED PETROLEUM COKE POWER PLANTS
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AFFILIATIONS



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