



Universal Energy Experience List

Power, Petrochemical, Renewable,
and
Industrial Facilities



Experience

<u>Client</u>	<u>Location</u>	<u>Project</u>	<u>Description</u>	<u>Technology</u>
<i>Commissioning & Startup</i>				
Abengoa/Abeinsa	San Bernardino, CA	Mojave Solar*	250 MW Solar Thermal	Solar Tower
Abengoa/Abeinsa	Liberty, KS	Hugoton	Ethanol Process +22MWBiomass	Stoker Boiler + Steam Turbine
AEP	Berlin, NH	Cluster Rules*	35 MW Pulp Mill Power Plant	Steam Turbine
AEP Pro Serv	Plaquemine, LA	Dow Chemical*	900 MW Combined Cycle Plant	GE Frame 7FA
Aker Kvaerner	Burbank, CA	Magnolia Project*	310 MW Combined Cycle Plant	GE Frame 7FA
AMEC	Cartersville, GA	Plant Bowen*	3160 MW Coal-Fired Plant	
Andrade Gutierrez	Macaé, Brazil	UTE Norte Fluminense	700MW Simple Cycle Plant	Westinghouse 501F
Applied Utility Systems	Rancho Cucamonga, CA	Etiwanda	Rankine Cycle SCR Installation	Retrofit
	Huntington Beach, CA	Huntington Beach	Rankine Cycle SCR Installation	Retrofit
	Playa del Rey, CA	Scattergood	Rankine Cycle SCR Installation	Retrofit
Astoria Energy	Astoria, NY	Astoria*	500 MW Combined Cycle Plant	GE Frame 7FA
B&W Fluid Dynamics, Inc.	Kazakhstan	Tengiz Chevron	Pipeline Commissioning	Gas Pipeline
Bibb & Associates	Cambridge, MA	Kendall Repowering Project	285 MW Combined Cycle Plant	GE Frame 7FA
Black Hills Colorado	Denver, CO	Arapahoe Power Station	125 MW Conversion to Combined	GE LM 6000
Brown & Root	Newchurch, VA	Chesapeake Power Station*	250 MW Simple Cycle Plant	GE LM 6000
Century Contractors West, Inc.	Kingston, Jamaica	JPPC	50 MW Power Plant	Sulzer Engines
	Sacramento, CA	Campbell Soup	140 MW Combined Cycle Plant	GE LM 6000
ChevronTexaco	Angola, Africa	Sanha Condensate*	Offshore production platform 37m bpd	Recovery, Compression & Separation
Coastal Power Production Co.	Nejapa, El Salvador	Nejapa Power Plant	144 MW Power Plant	18V32 Wartsila Engines
Duke Energy	Edwardsport, IN	Edwardsport IGCC	630MW Coal IGCC Power Plant	2x7FA
Duke/Fluor Daniel	Arlington, AZ	Arlington Valley	490 MW Combined Cycle Plant	GE Frame 7FA
	Attala, MS	Attala*	500 MW Combined Cycle Plant	GE Frame 7FA
	Bastrop, TX	Bastrop*	500 MW Combined Cycle Plant	GE Frame 7FA
	Beverly, OH	Washington*	620 MW Combined Cycle Plant	GE Frame 7FA
	Blackburg, SC	Mill Creek	640 MW Combined Cycle Plant	GE Frame 7FA
	Calvert City, KY	Marshall*	640 MW Simple Cycle Plant	GE Frame 7EA
	Cayuga, IN	Vermillion*	680 MW Simple Cycle Peaking Plant	GE Frame 7EA
	Dalton, GA	Murray*	1240 MW Combined Cycle Plant	GE Frame 7FA
	Dixon, IL	Lee*	500 MW Combined Cycle Plant	GE Frame 7FA
	Eddystone, PA	Liberty*	550 MW Combined Cycle Plant	GE Frame 7FA



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Duke/Fluor Daniel	Forney, TX	Forney Project*	1750 MW Combined Cycle Plant	GE Frame 7FA
	Guadalupe, TX	Guadalupe*	1000 MW Combined Cycle Plant	GE Frame 7FA
	Guayama, Puerto Rico	AES Total Energy Plant*	450 MW Coal CFB Plant	CFB, Coal
	Hahnville, LA	Taft Oxy-Chem Project*	220 MW Combined Cycle Plant	Westinghouse
	Ironton, OH	Hanging Rock	1240 MW Combined Cycle Plant	GE Frame 7FA
	Lawrenceburg, IN	Lawrenceburg Energy	1164 MW Combined Cycle Plant	GE Frame 7FA
	Linden, NJ	Linden Generation Station*	1186 MW Combined Cycle Plant	GE Frame 7FA
	Masontown, PA	Fayette Project	620 MW Combined Cycle Plant	GE Frame 7FA
	Monterey, CA	Moss Landing*	1000 MW Combined Cycle Plant	GE Frame 7FA
	New Castle, OK	McClain*	500 MW Combined Cycle Plant	GE Frame 7FA
	Newington, NH	Newington*	525 MW Combined Cycle Plant	GE Frame 7EA
	Odessa, TX	Odessa*	1000 MW Combined Cycle Plant	GE Frame 7FA
	Paris, TX	Lamar Power*	1000 MW Combined Cycle Plant	GE Frame 7FA
	Vandalia, MO	Audrain*	640 MW Simple Cycle Plant	GE Frame 7FA
	Waterford, OH	Waterford*	865 MW Combined Cycle Plant	GE Frame 7FA
	Whiting, IN	Whiting Clean Energy Project	540 MW Combined Cycle Plant	GE Frame 7FA
Edison Mission Energy	Wilmington, CA	Harbor Cogeneration*	112 MW Combined Cycle Expansion	Steam Turbine Retrofit
El Paso Energy	Camden, NJ	Camden Cogeneration*	150 MW Cogeneration	GE Frame 7EA
El Paso Energy International	Dhaka, Bangladesh	Haripur Power Barge	110 MW Power Plant	18V48 Wartsila Engines
	Macaé, Brazil	Macaé	800 MW Simple Cycle Plant	GE LM 6000
Enron Eng. & Construction	Savannah, GA	Elba Island	360 mcf/day LNG Terminal	LNG Terminal and Storage
	Clinton, NJ	Valero Refinery	50 MW Combined Cycle Plant	GE LM 6000
	Bahia las Minas, Panama	Bahia Las Minas Power Station	120 MW Combined Cycle Plant	GE Frame 5
	Marmara, Turkey	Marmara Ereglisi	478 MW Combined Cycle Plant	Siemens V94.2
	Nowa Sarzyna, Poland	Nowa Sarzyna CHP Station	115 MW Combined Cycle Plant	GE Frame 6
	Penuelas, Puerto Rico	Eco Electrica	500 MW Combined Cycle Plant	Westinghouse 501F, 3 Fuel



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Enron International	Cuiaba, Brazil	Cuiaba*	480 MW Combined Cycle Plant	Siemens V84.3a
	Santa Barbara, Venezuela	Santa Barbara Gas Field*	400,000 SCFD	ABB Randall
	San Joaquin, Venezuela	San Joaquin Gas Field*	LPG trains	ABB Randall
	St. Petersburg, Russia	Severnaya Station	4 Solar Gas Turbines	Solar Taurus 60
	Philippines	Subic Bay	116MW Fuel Oil Power Plant	18v46 Warsila Engines
	Philippines	Batangas	108MW Fuel Oil Power Plant	12V32 Wartsila Engines
Fagen, Inc	Nacogdoches, TX	American Renewables	100MW Biomass Power Plant	Valumet Boiler, Siemens Steam
	Gainesville , FL	Gainesville Renewable Energy Center	100MW Biomass Power Plant	Turbine
	South Boston, VA	South Boston Energy Center	50 MW Biomass Power Plant	Valumet Boiler, Siemens Steam
Florida Power & Light	Far Rockaway, NY	Jamaica Bay*	54 MW Simple Cycle Plant	Turbine
	Forney, TX	Forney Project*	1750 MW Combined Cycle Plant	FSE Boiler
	Marcus Hook, PA	Marcus Hook Refinery*	750 MW Combined Cycle Plant	Alstom Steam Turbine
	Juno Beach, FL	Port Everglade*	400MW Rankine Boiler SCR	Pratt & Whitney FT8
Foster Wheeler	Bangor, PA	Lower Mount Bethel*	600 MW Combined Cycle Plant	GE Frame 7FA
	Clinton, NJ	Valero Refinery*	50 MW Simple Cycle Plant	GE Frame 7FA
	Queens, NY	Bayswater	50 MW Simple Cycle Plant	Boiler Retrofit
GEAEP/GE Power Services	Brooklyn, NY	23rd & 3rd Projects	80 MW Simple Cycle Plant	Westinghouse 501G
	Brentwood, NY	Brentwood	40 MW Simple Cycle Plant	GE LM 6000
	Brooklyn, NY	1 st and Grand	47 MW simple Cycle Plant	Pratt & Whitney FT8
	College Park, MD	University of Maryland	20 MW Simple Cycle Plant	GE LM 6000
	Colton, CA	Colton Power*	40 MW Simple Cycle Plant	GE LM 6000
	Hanford, CA	Hanford	80 MW Simple Cycle Plant	Nuovo Pignone
	Harlem, Bronx, NY	Harlem	80 MW Simple Cycle Plant	Nuovo Pignone Retrofit
	Hellsgate, Bronx, NY	Hellsgate	80 MW Simple Cycle Plant	GE LM 6000
	Lemoore, CA	Henrietta*	92 MW Simple Cycle Plant	GE LM 6000
				GE LM 6000



Experience

Client Commissioning & Startup (con't)

Location

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Technology

	Lincoln, NE	Salt Valley Generating Station*	135 MW Simple Cycle Plant	GE LM 6000
	Perth, Australia	Telfer	150 MW Simple Cycle Plant	GE LM 6000
	Pouch Staten Island, NY	Pouch	40 MW Simple Cycle Plant	GE LM 6000
	Salt Lake City, UT	Gadsby Peaker Plant	138 MW Simple Cycle Plant	GE LM 6000
	San Giovanni, Italy	Teramica Lucchesse Sesto	48 MW Simple Cycle Plant	GE LM 6000
	Santa Cruz, Bolivia	Santa Cruz Power	120 MW Simple Cycle Plant	GE LM 6000
	Sun Valley, CA	Valley	40 MW Simple Cycle Plant	GE LM 6000
	Vernon, Queens, NY	Vernon Blvd.	80 MW Simple Cycle Plant	GE LM 6000
	Verchelli, Italy	Polipli Actv CHP Project	48 MW Simple Cycle Plant	GE LM 6000
	Wallingford, CT	Wallingford*	225 MW Simple Cycle Plant	GE LM 6000
	Wilmington, CA	Harbor	160 MW Simple Cycle Plant	GE LM 6000
Gemma Power Systems	Arcadia, FL	Arcadia Power Station	200 MW Simple Cycle Plant	GE Frame 7FA
	Salisbury, NC	Rowan County*	550 MW Combined Cycle Plant	GE Frame 7FA
	Rincon, GA	Effingham*	525 MW Combined Cycle Plant	GE Frame 7FA
Green Earth Fuels, LLC	Galena Park, TX	Bio-Green Earth	2x43 mmg/year Biodiesel Plant	
Hawaii Electric Light Company	Kailua-Kona, HI	Keahole Project	40 MW Simple Cycle Plant	GE LM 2500
ICA Fluor Daniel	Mexicali, Mexico	Termoelectrica de Mexicali*	500 MW Combined Cycle Plant	GE Frame 7FA
IEA, LLC	Atlantic City, NJ	Conectiv Thermal Systems	Package Boiler Addition	50 HP Auxiliary Boiler
IEC/TID	Modesto, CA	Almond 2 Power Project	174MW SC Expansion	3xLM6000
Industry & Energy Associates	Sweeny, TX	Sweeny	120 MW/900kpph Steam CC Expansion	Westinghouse 501 D5
Island Instrumentation	Long Island, NY	Pinelawn Project	79 MW Combined Cycle Plant	GE LM6000
KCPL	Kansas City, MO	Iatan Power	850 MW Coal Plant	Hitachi Supercritical
Kvaerner Songer	Burbank, CA	SCPPA Magnolia Power	250 MW Combined Cycle Plant	GE Frame 7FA
Lill & DiFazio Canada Corp	Ontario, Canada	York Energy Center	400MW Simple Cycle	SW501F
Marlboro Enterprises	Lusby, MD	Cove Point*	1 bcf/year LNG Terminal	LNG Terminal and Storage
MEA	Chugiak, AK	Eklunta Generation Station	170 MW Power Plant	Ten 18V50DF Wartsila Engines
Mitsubishi Power Systems	Palm Beach, FL	West County Energy Center*	2400 MW Combined Cycle Plant	Mitsubishi 501-G
	Campti, LA	Red River Mill*	80 MW Pulp and Paper Mill	Mitsubishi STG
	St. Paul, MN	High Bridge Power Project*	665 MW Combined Cycle Plant	Mitsubishi 501F
	Victoria, TX	NuCoastal Power*	168 MW Combined Cycle Plant	Mitsubishi 501 F-3



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Client Commissioning & Startup (cont)

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Modesto Irrigation District	Ripon, CA	Modesto*	80 MW Simple Cycle Plant	LM 6000
Mpower	Stuart, FL	Amps Project	24 MW Simple Cycle Plant	Pratt & Whitney portable
NAES	Astoria, NY	SCS Astoria Energy Center	500MW Combined Cycle Plant	GE Frame 7FA
NEPCO	Fife, Scotland	Fife	135 MW Combined Cycle Plant	GE Frame 6FA
	Gleason, TN	Gleason*	150 MW Simple Cycle Peaking Plant	Westinghouse 501
	Minooka, IL	Minooka*	1100 MW Combined Cycle Plant	GE Frame 7FA
Nextera	Blythe, CA	Genesis Solar Energy Project*	250 MW Solar Energy Plant	Sener Trough
PSEG	Hamilton Township, NJ	Mercer Station	648 MW Coal Fired Plant	Combustion & Steam
	Lawrenceburg, IN	Lawrenceburg Energy	1164 MW Combined Cycle Plant	GE Frame 7FA
	Waterford, OH	Waterford*	864 MW Combined Cycle Plant	GE Frame 7FA
Reliant Energy	Rancho Cucamonga, CA	Etiwanda	Rankine Cycle SCR Installation	Retrofit
Rockland Capital	Elmwood, NJ	Prime Power	65 MW Combined Cycle Plant	Decommissioning
Shaw Contractors	Granbury, TX	Wolf Hollow*	750 MW Combined Cycle Plant	Mitsubishi 501G
Siemens Power	Opal, WY	Roberson Creek Compressor Station	3x26,000 Gas Compressors	Siemens
	Sacramento, CA	Campbell Soup	140 MW Combined Cycle Plant	Siemens V94.2
Stone & Webster	Marcus Hook, PA	Marcus Hook Power*	750 MW Combined Cycle Plant	GE Frame 7FA
Sulzer Turbo Services	Poza Rica, Mexico	Roma M Turbine Relocation	160MW 1x3 Combined Cycle Expansion	SW501F
Termonorte	Porto Velho, Brazil	Termonorte	340 MW Combined Cycle Plant	GE Frame 7EA
TIC	Ennis, TX	Ennis Power*	350 MW Combined Cycle Plant	Westinghouse 501G
	Fountain, CO	Front Range	529 MW Combined Cycle Plant	GE Frame 7FA
	Ft. Pierce, FL	Treasure Cove Energy Center	GE Mark6 DCS Commissioning	GE Frame 7FA
	La Mesa, NM	62120 Afton Power Plant	145 MW Duel Fuel Combined Cycle	GE Frame 7FA CTG
	Mulberry, FL	Polk Power Station	171 MW Simple Cycle Plant	GE Frame 7FA
	Rathdrum, ID	Rathdrum*	275 MW Combined Cycle Plant	GE Frame 7FA
	Phoenix, AZ	West Phoenix*	130 MW Combined Cycle Plant	GE Frame 7EA
Wood Group LIT	Jaffry, NH	Zilkha Biomass Energy Project*	1500 kW Wood Burning Plant	Kawasaki M1A Turbine
WR Carpenter	Collie, Australia	Worsley MFC Project*	2x350 MW Coal Power & Steam	CFB Boilers
Yale University	New Haven, CT	SPP Cogen and Expansion	15 MW Combined Heat & Power	Solar Taurus
Zilkha Biomass Energy	Jaffry, NH	Zilkha Biomass Energy Project*	1500 kW Wood Burning Plant	Kawasaki M1A Turbine



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Renewable Energy

Abengoa/Abeinsa	San Bernardino, CA	Mojave Solar*	250 MW Solar Thermal	Solar Tower
Abengoa/Abeinsa	Liberty, KS	Hugoton	Ethnaol Process + 22MW Biomass	Stoker Boiler + Steam Turbine
Alternative Eng. Solutions	St. Joseph, MO	Northwest Missouri Biofuels	15MM GPY Biodiesel	Tallow Biodiesel
APS Services	Carson City, NV	NNCC Facility	1 MW Biomass Plant & Solar	Hurst-Elliott Boiler
BP Wind	Houston, TX	Edom Hills	20 MW Wind Farm	8 x Clipper C93 Wind Turbines
Christenson	Latham, KS	ELK River Wind	150 MW Wind Farm	100 x GE Wind Turbines
DKRW Development	Sweetwater, TX	Sweetwater Wind Project	37.5 MW Wind Farm	25 x GE Wind Turbines
El Paso Energy	Imperial Valley, CA	Salton Sea Geothermal	300 MW Geothermal Sites	Various Single/Dual Flash
Eleqtra Contour Global	Bugala Island, Uganda	Kalanga Power Station	1.6MW Rente Power Installation	Solar PV + Diesel Engines
Fagen, Inc	Nacogdoches, TX	American Renewables	100MW Biomass Power Plant	Valument Boiler, Siemens Steam Turbine
	Gainesville , FL	Gainesville Renewable Energy Center	100MW Biomass Power Plant	Valument Boiler, Siemens Steam Turbine
	South Boston, VA	South Boston Energy Center	50 MW Biomass Power Plant	FSE Boiler
Green Earth Fuels, LLC	Galena Park, TX	Bio-Green Earth	2x43 mmg/year Biodiesel Plant	Alstom Steam Turbine
GSG Wind Energy LLC	DeKalb County, IL	GSG Wind	90 MW Wind Farm	Refinery/distillation
MaxWest	Sanford, FL	Biosolids Gasification	Waste to Energy	40 x Gamesa Wind Turbines
NRG	Houston, TX	Design Engineering	Solar & Gasification	Gasifier-Oxydizer
Sandia National Lab	Albuquerque, NM	Solar Test Facility	Development Support	Various
SemGroup	Various	Undisclosed	IGCC	Sterling Hydrogen Engines
Sweetwater Wind	Sweetwater, TX	Sweetwater Wind 4 & 5	100 MW Wind Farm	Coal Gasification
Wood Group/Zilkha	Jaffry, NH	Zilkha Biomass Energy Project	1500 kW Biomass Plant	70 x GE Wind Turbines
				Kawasaki M1A Turbine



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<i>O&M Mobilization, Training & Procedures and Plant Operations</i>				
Trigen-Cinergy Solutions	College Park, MD	University of Maryland*	22 MW Combined Cycle Plant	Nuovo Pignone
AEP Pro Serv	Plaquemine, LA	AEP Pro Serv Cogen	900 MW Combined Cycle Plant	GE Frame 7FA
Aker Kvaerner	Cameron, LA	Cameron LNG	Develop Training Program	LNG Terminal and Storage
Andrade Gutierrez	Macaé, Brazil	UTE Norte Fluminense	700 MW Simple Cycle Plant	Westinghouse 501F
Ashmore Energy International	International	Procedures	Develop Safety Procedures	Various
Astoria Energy	Queens, NY	Astoria Energy	500 MW Combined Cycle Plant	GE Frame 7FA
BE&K	Monterrey, Mexico	Burgos-Monterrey Pipeline	34M BBL/day LPG Distribution Facility	LPG Distribution
Bibb & Associates	Cambridge, MA	Kendall Repowering	285 MW Combined Cycle Plant	GE Frame 7FA
Black Hills Colorado	Denver, CO	Arapahoe Power Station	125 MW Conversion to Combined	GE LM6000
BP Alternative Energy	Texas City, TX Texas City, TX	Texas City ST805 Switchyard Training Module	250 MW Steam Turbine Expansion GP2 Plant 3x1 7FA 600MW	Alstom STG 138kV Switchyard
Brown & Root	Newchurch, VA	Chesapeake Power Station	312 MW Simple Cycle Peaking Plant	GE LM 6000+Chillers
Calpine	Pasadena, TX	Calpine-Pasadena Plants I & II	780 MW Combined Cycle Plant	Westinghouse 501FC & 501 FD1
Caterpillar, Inc	Dhaka, Bangladesh	Mutiara-Keraniganj Power Plant	100MW HFO Power Plant	8x16CM43 Diesel Engines
CDC Globeleq	Houston, TX	Houston, TX	Procedures writing	Various
Century Contractors West, Inc.	Kingston, Jamaica	JPPC	50 MW Diesel Plant	Sulzer Diesels
Cummins Diesel	New York, NY	NYC-DEP Pumping Station	O&M Manuals & Training	DQFAA Blackstart Generator
Dahlen, Berg, & Co.	Faribault, MN	Faribault Energy Park	270 MW Combined Cycle Expansion	GE Frame 7FA CTG
Duke/Fluor Daniel	Paris, TX	Lamar	1000 MW Combined Cycle Plant	GE Frame 7FA
Eco Electrica	Penuelas, Puerto Rico	Penuelas Power	1MM Bbl LNG Terminal	LNG Terminal and Storage
El Paso	Hartford, CT	CDECCA*	58 MW Combined Cycle Plant	GE Frame 6B
	Pawtucket, RI	Pawtucket Power Project	67 MW Combined Cycle Plant	GE Frame 6B
	San Joaquin, CA	San Joaquin	48 MW Simple Cycle Plant	GE LM 6000
El Paso Energy International	Dhaka, Bangladesh	Haripur Power Barge	110 MW Diesel Plant	8x18V46 GD Wartsila
	Dunaferr, Hungary	Dunaferr	670 MW Coal Environmental Audit	Coal & Residual
	Macaé, Brazil	Macaé	800 MW Simple Cycle Plant	GE LM 6000
	Manaus, Brazil	Manaus	120 MW Simple Cycle Plant	GE LM 6000 + PW FT4



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<i>Project and Construction Management Services/Owner Engineer and Owner's Representative</i>				
AES	Granbury, TX	Wolf Hollow*	750 MW Combined Cycle Plant	Mitsubishi 501G
Alliance Engineering	Mt. Pleasant, TX	KM Station 803	Pipeline Compressor Station	Hanover-Caterpillar
Alliance Engineering	Houston, TX	Fabrication Expediter	Gas Compression Equipment	Clark-Reliance
AMEC	Various/International	Various	Various	LNG Project Development
Alternative Eng. Solutions	St. Joseph, MO	Northwest Missouri Biofuels	15MM GPY Biodiesel	Tallow Biodiesel
BP Alternative Energy	Texas City, TX	STG 805 Project	250 MW Steam Turbine Expansion	Alstom Steam Turbine
Canatxx	Wales	Development (Undisclosed)	LNG Storage & Vaporization Terminal	LNG with Power Installation
Cal Peak Power	San Diego, CA	California Peaker Project	248 MW, 5 Simple Cycle Plants	Pratt & Whitney FT8 Twin Pac
Caterpillar Diesel	Kiel, Germany	Constructability Review	150-200 MW Power Plants	Cat CM Series Diesel Engines
	Iquique, Chile	Collahuasi Power Project	44MW Diesel Power Coppermine Inst	6x Caterpillar Diesel
Coastal Power Production Co.	Nejapa, El Salvador	Nejapa Power Plant	144 MW Diesel Plant	18V32 Wartsila Diesels
Conoco Global Power, Inc.	Orange, TX	SRW Cogeneration	490 MW Combined Cycle Plant	GE Frame 7FA
Controls Engineering	Carson, CA	LA County Water Pollution Control Plant	20 MW Combined Heat & Power Plant	Solar Mars 90
DKRW	Sonora, Mexico	Sonora Pacific LNG	1.3 BCF/day LNG Terminal	LNG Project Development
DMJM Harris	Long Island, NY	Bayswater	430 MW Simple Cycle Plant	GE LM 6000
	Wallingford, CT	Alfred L Pierce Repowering*	225 MW Simple Cycle Plant	GE LM 6000
Dynegy, Inc	Calcasieu, LA	Calcasieu	120 MW Simple Cycle Plant	Westinghouse 501D
El Paso Energy International	Brush, CO	Brush Cogen Facility	125 MW Combined Cycle Plant	Westinghouse 251B11
	Pacora, Panama	Pedregal Power Plant	53MW Diesel Power	MAN 18V48
	Houston, TX	EPC/Operations Support	Liquid Fuel	N/A
	Kabirwala, Pakistan	Fauji Kabirwala	Staff Augmentation	Westinghouse 251B11
	Macaes, Brazil	Macaes	144 MW Combined Cycle Plant	GE LM 6000
	Mexico	Various	800 MW Simple Cycle Plant	Various
	Rosarito, Mexico	Rosarito	Development/various projects	Westinghouse 501FD
	Sulawesi, Indonesia	Sengkang I Power Station	765 MW Combined Cycle Plant	ABB GT8C
	Wauchula, FL	Vandolah	135 MW Combined Cycle Plant	GE Frame 7FA
Eleqtra Contour Global	Bugala Island, Uganda	Kalanga Power Station	680 MW Simple Cycle Plant	Solar PV + Diesel Engines
Energy Conversion Dev. Co	China	Various	1.6MW Rente Power Installation	Various
	Latin America	Various	Development Support	Various
Enron Americas	Caribbean	Various	Development Support	Various
			Development/various projects	Various



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<i>Project and Construction Management Services/Owner Engineer and Owner's Representative (con't)</i>				
Enron Eng. & Construction	Dabhol, India	Dabhol Power	670 MW Combined Cycle Plant	GE Frame 9E
	Penuelas, Puerto Rico	Penuelas Power	500 MW Combined Cycle Plant	Westinghouse 501F, 3 fuel
Enron Liquid Products Group	Puerto Rico	Various	Fuel Study	N/A
Exxon Mobil	Undisclosed	Various	Project Development Support	Various
Freeman & Curiel	Various Locations	Various Projects	Engineering/Project Management	Various
GE Power Services	Campeche, Mexico	Akal C Production Platform	6.3 MW Power Island	4 x Tornado
	Lubbock, TX	Lubbock Plant 2 Repower	40 MW Simple Cycle Peaking Plant	GE LM 6000
	Port Jefferson, NY	Keyspan Project	80 MW Simple Cycle Plant	GE LM 6000
GSG Wind Energy LLC	DeKalb County, IL	GSG Wind	90 MW Wind Farm	40 x Gamesa Wind Turbines
INET, Inc.	China	Various	Development Support	Various
	Latin America	Various	Development Support	Various
Mitsubishi Power Systems	Bennettsville, SC	Donter Mill Project	Papermill Power Plant Expansion	Mitsubishi Steam Turbine
	Clatskanie, OR	Port Westward	400 MW Combined Cycle Plant	Mitsubishi; 501G
	Houston, TX	Hobb Combined Cycle	Inspection Services	N/A
	Nova Scotia, Canada	NSP Tufts Cove	Papermill Power Plant Expansion	Mitsubishi Steam Turbine
NEPC	Dhaka, Banladesh	Haripur Power Barge	110 MW Diesel Plant	8x18V486 GD Wartsila
NRG	Houston, TX	Cedar Bayou (CBY-4)	600 MW Installation	2 x 1 Siemens 501
	Philadelphia, PA	Grey's Ferry Cogeneration	150 MW Combined Cycle Plant	Westinghouse 501F Dual Fuel
Pennsylvania Power & Light	Bangor, PA	Lower Mount Bethel	600 MW Combined Cycle Plant	Westinghouse 501F Dual Fuel
Reliant Energy	Houston, TX	Various	Various	Various
S&W Engineering	Tocoa, Venezuela	Margarita I and Josefa Rufina I	342 MW Installation	GE7FA Power Barge and fuel/water ancillary
Siemens Industrial	Moron, Venezuela	ICO Pipeline	1080 mmscfd Compressor Station	Siemens 3 x STG-400/STC-SV
	Callou, Peru	Las Flores	192MW Simple Cycle Plant	Siemens Econopac
	Chinquintirca, Peru	Chinquintirca Gas Compressor Station	1090 MMSCFD Compressor Station	Siemens SGT-400
Smith-Enron Cogen LP	Puerto Plata, D.R.	SECLP	110 MW Combined Cycle Plant	GE Frame 7EA
Stanley Group	Maysville, KY	Spurlock 4*	280 MW CFB Coal Power Plant	Alstom + GE
Tenneco Power	Various	Various	Owners Engineer & Project Estimating	Various
Tractebel	College Park, MD	University of Maryland	20 MW Simple Cycle Plant	Nuovo Pignone



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O&M Mobilization, Training & Procedures and Plant Operations (con't)

Enron Eng. & Construction	Colon, Panama	Bahia Las Minas Power Station	120 MW Combined Cycle Plant	GE Frame 6
	Dabhol, India	Dabhol Power	670 MW Combined Cycle Plant	GE Frame9E
	Hainan, China	Hainan Meinan Power	150 MW Combined Cycle Plant	GE LM 6000
	Penuelas, Puerto Rico	Eco Electrica	500 MW Combined Cycle Plant	Westinghouse 501F, 3 Fuel
Enron International	Cuiaba, Brazil	Cuiaba	480 MW Combined Cycle Plant	Siemens V94.2
	Marmara, Turkey	Marmara Ereglisi	470 MW Combined Cycle Plant	Siemens V94.3
Exxon Power	Undisclosed Location	Various	Mobilization and O&M Support	Various
Florida Power & Light	Ft. Lauderdale, FL	Port Everglades Power Plant	Installation of electrostatic precipitators	N/A
	Far Rockaway, NY	Jamaica Bay*	54 MW Simple Cycle Plant	Pratt & Whitney FT8
Foster Wheeler	Queens, NY	Bayswater	50 MW Simple Cycle Plant	Pratt & Whitney FT8
	Bangor, PA	Lower Mount Bethel*	600 MW Combined Cycle Plant	Westinghouse 501G
Golden Valley Electric	North Pole, Alaska	North Pole Expansion	60 MW Combined Cycle Expansion	GE LM6000
IEC/TID	Modesto, CA	Almond 2 Power Project	174 MW SC Expansion	3xLM6000
InterGen	Mexicali, Mexico	LaRosita	765 MW Combined Cycle Plant	Westinghouse 501 FDs
Kawasaki	Raritan, NJ	Johnson & Johnson	Training Manuals	KGTA GPB15D CHP
	New York, NY	NYC-DEP Pumping Station	O&M Manuals & Training	KGTA M7 Standby Generators
	Venezuela	ICO Pipeline Gas Compressor Stations	Altagracia, Moron & Morros	KGTA GPB60 & GPB30 Gas Turbines
Kiewit Industrial	Victorville, CA	High Desert Power Project	740 MW Combined Cycle Plant	Westinghouse 501 F
Mirant	Cambridge, MA	Kendall Repowering	285 MW Combined Cycle Plant	GE Frame 7FA
NNCC	Carson City, NV	Northern Nevada Correctional	1 MW Biomass Plant	Hurst-Elliott
OneOK	Spring Creek, OK	Spring Creek Power Plant	300 MW Simple Cycle Plant	GE Frame 7FA
Rensselaer Cogen	Rensselaer, NY	Rensselaer Cogen Power Facility	80 MW Combined Cycle Plant	Westinghouse 251 B12
Rio Polimeros	Rio Polimeros, Brazil	Rio Polimeros Chemical	Chemical Plant	Various
Sermatech	Fresno, CA	Fresno Water Treatment Plant	9 MW Combined Cycle Plant	RR/Allison 501
	Sacramento, CA	Campbell Soup	140 MW Combined Cycle Plant	Siemens V94.2
Sulzer Turbo Services	Poza Rica, Mexico	Roma M Turbine Relocation	PTC-46 + BOP Training	SW501FD2
Unocal	International Locations	Various	Mobilization & O&M Support	Various
US Pipeline	Lusdy, MD	Cove Point*	1 bcf/year LNG Terminal	LNG Terminal and Storage
Wood Group LIT	Houston, TX	Bellchase Compressor Station	Develop Training Program	Solar Turbine
	Houston, TX	Zilkha Biomass Energy Project	1500 kW Biomass Plant	Kawasaki M1A Turbine
				Kato Generator



Experience

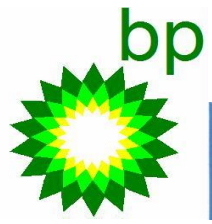
<u>Client</u>	<u>Location</u>	<u>Project</u>	<u>Description</u>	<u>Technology</u>
<i>Acquisition, Due Diligence & Operations Review</i>				
Brown & Root	Shiheng, China	Shandong Zhonghau	4 x 300 MW Coal Plant	Coal
DKRW Development	Palm Springs, CA	Mountain View Wind	Wind Farm	Wind
El Paso Energy International	Various International	Multiple Sites	Over 6,800 MW, See Note 1	Various
El Paso Power Services	Various Domestic	Multiple Sites	Over 7,300 MW, See Note 2	Various
Enron Capital & Trade Resources	Baton Rouge, LA	Big Cajun Facilities	200 MW gas, 1740 MW coal	Various
	Tulsa, OK	Pryor Industrial Park	110 MW multiple gas units	Various
Goldman Sachs	Various Domestic	Multiple Sites	Over 5,000 MW, See Note 3	Coal, Gas
Kellog, Brown & Root	Central America	Multiple Sites	Diesel Power Plant	Various
Mobil Power, Inc.	South America	Undisclosed	Undisclosed	Various
NIPP	Olorunsogo Nigeria	Olorunsogo Power Station	750MW 2x1 Combined Cycle	GE9E
Sithe Energies, Inc.	Tangshan, China	Tangshan	1 x 50 MW Coal Plant	Coal
Sithe Global	Batan Philippines	Mariveles Power Station	2x300 MW Coal Plant	Coal CFB
The City of Dickinson, TX	Dickinson, TX	Water Vulnerable Assessment	Municipal Water Distribution System	Various
The City of Princeton, TX	Princeton, TX	Water Vulnerable Assessment	Municipal Water Distribution System	Various
The City of Seagoville, TX	Seagoville, TX	Water Vulnerable Assessment	Municipal Water Distribution System	Various
The City of South Houston, TX	South Houston, TX	Water Vulnerable Assessment	Municipal Water Distribution System	Various
The City of West University, TX	W. University, TX	Water Vulnerable Assessment	Municipal Water Distribution System	Various
Tractebel North America	Southeast USA	Undisclosed	Undisclosed	Various
Viking UK Gas Ltd	Knapton UK	East Knapton Generation Station	Operational Audit	Gas Processing & Power
World Waste Technologies	Clear Lake, TX	Refinery	Recycled Oil Re-refining Process	New Technology

Note 1: Over 6,800 MW at international locations in China, Dominican Republic, Guatemala, India, Indonesia, Israel, Korea, Mexico, Philippines, Scotland, Thailand, Turkey, and the UK. Units include GE Frame and aeroderivative gas turbines, Siemens, Westinghouse and ABB Frame units, Pratt & Whitney aeroderivatives, combined heat & power (CHP) facilities, coal-fired boiler plants and MAN and Wartsila diesel engine power plants.

Note 2: Over 7,300 MW at domestic locations in Arizona, California, Idaho, Illinois, Louisiana, Maine, Maryland, Minnesota, New Jersey, New York, Nevada, Oklahoma, Pennsylvania, Rhode Island, Texas and Wisconsin. Units include GE Frame and multiple LM 5000 & 6000 aeroderivative gas turbine power plants, Siemens Westinghouse and ABB frame units in combined cycle and peaking plants, coal-fired boiler plants and geothermal facilities.

Note 3: Over 25 domestic locations, 5000 MW, Bituminous, Pulverized, Low-sulfur and Waste Coal; Gas; and No. 2 Fuel Oil

This comprehensive experience list represents the project history of Universal Energy management and staff related to projects executed by Universal Energy, Inc., Universal Energy do Brazil Ltda., UEI Power Services, Inc., UEI Power Services International, and UEI LLC.



DKRW

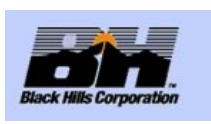
UNOCAL



KBR



DUKE/FLUOR DANIEL



FLUOR ChevronTexaco



ABENGOA



AKER KVAERNER