

**UNIVERSAL ENERGY**

**UEI LLC**

# **Universal Energy**

## **Experience List**

**Power, Petrochemical, Offshore,  
and  
Industrial Facilities**



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# UNIVERSAL ENERGY

## UEI LLC

## North America

<u>Client</u>	<u>Location</u>	<u>Project</u>	<u>Description</u>	<u>Technology</u>
<b><i>Commissioning &amp; Startup</i></b>				
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	
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
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
	Sacramento, CA	Campbell Soup	140 MW Combined Cycle Plant	GE LM 6000
Dahlen, Berg, & Co.	Faribault, MN	Faribault Energy Park	270 MW Combined Cycle Expansion	GE Frame 7FA CTG
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 7
	Forney, TX	Forney Project*	1750 MW Combined Cycle Plant	GE Frame 7

# UNIVERSAL ENERGY

## UEI LLC

## *North America con't*

<u>Client</u>	<u>Location</u>	<u>Project</u>	<u>Description</u>	<u>Technology</u>
<b><i>Commissioning &amp; Startup (con't)</i></b>				
Duke/Fluor Daniel	Guadalupe, TX	Guadalupe*	1000 MW Combined Cycle Plant	GE Frame 7FA
	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 7
	Waterford, OH	Waterford*	865 MW Combined Cycle Plant	GE Frame 7
	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
	Savannah, GA	Elba Island	360 mcf/day LNG Terminal	LNG Terminal and Storage
Enron Eng. & Construction	Clinton, NJ	Valero Refinery	50 MW Combined Cycle Plant	GE LM 6000
Florida Power & Light	Far Rockaway, NY	Jamaica Bay*	54 MW Simple Cycle Plant	Pratt & Whitney FT8
	Forney, TX	Forney Project*	1750 MW Combined Cycle Plant	GE Frame 7FA
	Markus Hook, PA	Marcus Hook Refinery*	750 MW Combined Cycle Plant	GE Frame 7FA
	Juno Beach, FL	Port Everglade*	400MW Rankine Boiler SCR	Boiler Retrofit
Foster Wheeler	Bangor, PA	Lower Mount Bethel*	600 MW Combined Cycle Plant	Westinghouse 501G
	Clinton, NJ	Valero Refinery*	50 MW Simple Cycle Plant	GE LM 6000
	Queens, NY	Bayswater	50 MW Simple Cycle Plant	Pratt & Whitney FT8

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<b><i>Commissioning &amp; Startup (con't)</i></b>				
GEAEP/GE Power Services	Brooklyn, NY	23rd & 3rd Projects	80 MW Simple Cycle Plant	GE LM 6000
	Brentwood, NY	Brentwood	40 MW Simple Cycle Plant	GE LM 6000
	Brooklyn, NY	1 <sup>st</sup> and Grand	47 MW simple Cycle Plant	GE LM 6000
	College Park, MD	University of Maryland*	20 MW Simple Cycle Plant	Nuovo Pignone
	Colton, CA	Colton Power*	40 MW Simple Cycle Plant	Nuovo Pignone Retrofit
	Hanford, CA	Hanford	80 MW Simple Cycle Plant	GE LM 6000
	Harlem, Bronx, NY	Harlem	80 MW Simple Cycle Plant	GE LM 6000
	Hellsgate, Bronx, NY	Hellsgate	80 MW Simple Cycle Plant	GE LM 6000
	Lemoore, CA	Henrietta*	92 MW Simple Cycle Plant	GE LM 6000
	Lincoln, NE	Salt Valley Generating Station*	135 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
	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
	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
Salisbury, NC		Rowan County*	550 MW Combined Cycle Plant	GE Frame 7FA
Rincon, GA		Effingham*	525 MW Combined Cycle Plant	GE Frame 7
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
IEA, LLC	Atlantic City, NJ	Conectiv Thermal Systems	Package Boiler Addition	50 HP Auxiliary Boiler
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

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<b><i>Commissioning &amp; Startup (con't)</i></b>				
Marlboro Enterprises	Lusby, MD	Cove Point*	1 bcf/year LNG Terminal	LNG Terminal and Storage
Mistubishi Power Systems	Palm Beach, FL	West County Energy Center*	2400 MW Combined Cycle Plant	Mitsubishi 501-G
	Campiti, 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
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 Enery Center	500MW Combined Cuycle Plant	GE Frame 7FA
NEPCO	Gleason, TN	Gleason*	150 MW Simple Cycle Peaking Plant	Westinghouse 501
	Minooka, IL	Minooka*	1100 MW Combined Cycle Plant	GE Frame 7FA
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
	Rancho Cucamonga, CA	Etiwanda	Rankine Cycle SCR Installation	Retrofit
Reliant Energy	Elmwood, NJ	Prime Power	65 MW Combined Cycle Plant	Decommissioning
Rockland Capital	Granbury, TX	Wolf Hollow*	750 MW Combined Cycle Plant	Mitsubishi 501G
Shaw Contractors	Sacramento, CA	Campbell Soup	140 MW Combined Cycle Plant	Siemens V94.2
Siemens Power	Marcus Hook, PA	Marcus Hook Power*	750 MW Combined Cycle Plant	GE Frame 7FA
Stone & Webster 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 LM 6000
	Rathdrum, ID	Rathdrum*	120 MW Combined Cycle Plant	GE Frame 7
	Phoenix, AZ	West Phoenix*	130 MW Combined Cycle Plant	GE Frame 7EA
Wood Group I.IT	Jaffry, NH	Zilkha Biomass Energy Project*	1500 kW Wood Burning Plant	Kawasaki M1A Turbine
Zilkha Biomass Energy	Jaffry, NH	Zilkha Biomass Energy Project*	1500 MW Wood Burning Plant	Kawasaki M1A Turbine

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<b><i>Renewable Energy</i></b>				
APS Services	Carson City, NV	NNCC Facility	1 MW Biomass Plant	Hurst-Elliott
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
Green Earth Fuels, LLC	Galena Park, TX	Bio-Green Earth	2x43 mmg/year Biodiesel Plant	Refinery/distillation
GSG Wind Energy LLC	DeKalb County, IL	GSG Wind	90 MW Wind Farm	40 x Gamesa Wind Turbines
MaxWest	Sanford, FL	Biosolids Gasification	Waste to Energy	Gasifier-Oxydizer
NRG	Houston, TX	Design Engineering	Solar & Gasification	Various
SemGroup	Various	Undisclosed	IGCC	Coal Gasification
Sweetwater Wind	Sweetwater, TX	Sweetwater Wind 4 & 5	100 MW Wind Farm	70 x GE Wind Turbines
Wood Group/Zilkha	Jaffry, NH	Zilkha Biomass Energy Project	1500 kW Biomass Plant	Kawasaki M1A Turbine

### ***O&M Mobilization, Training & Procedures and Plant Operations***

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
Ashmore Energy International	International	Procedures	Develop Safety Procedures	Various
Astoria Energy	Queens, NY	Astoria Energy	500 MW Combined Cycle Plant	GE Frame 7FA
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 ST805	250 MW Steam Turbine Expansion	Alstom STG
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
CDC Globeleq	Houston, TX	Houston, TX	Procedures writing	Various
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

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<b><i>O&amp;M Mobilization, Training &amp; Procedures and Plant Operations (con't)</i></b>				
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
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	MW Simple Cycle Plant	GE LM6000
Kawasaki	Houston, TX	Johnson & Johnson	Training Manuals	
	New York, NY	NYC-DEP Pumping Station	O&M Manuals & Training	KGTA M7 Standby Generators
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
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
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 Wood Burning Plant	Kawasaki M1A Turbine Kato Generator

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<b><i>Owner's Representative and Project and Construction Management Services</i></b>				
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
BP Alternative Energy	Texas City, TX	STG 805 Project	250 MW Steam Turbine Expansion	Alstom Steam Turbine
Cal Peak Power	San Diego, CA	California Peaker Project	248 MW, 5 Simple Cycle Plants	Pratt & Whitney FT8 Twin Pac
Conoco Global Power, Inc.	Orange, TX	SRW Cogeneration	490 MW Combined Cycle Plant	GE Frame 7FA
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
	Houston, TX	EPC Support	Staff Augmentation	N/A
	Houston, TX	Operations Support	Staff Augmentation	N/A
	Wauchula, FL	Vandolah	680 MW Simple Cycle Plant	GE Frame 7FA
Exxon Mobil	Undisclosed	Various	Project Development Support	Various
Freeman & Curiel	Various Locations	Various Projects	Engineering/Project Management	Various
GE Power Services	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
Mitsubishi Power Systems	Clatskanie, OR	Port Westward	400 MW Combined Cycle Plant	Mitsubishi; 501G
	Houston, TX	Hobb Combined Cycle	Inspection Services	N/A
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
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

# UNIVERSAL ENERGY

## UEI LLC

## *North America con't*

<u>Client</u>	<u>Location</u>	<u>Project</u>	<u>Description</u>	<u>Technology</u>
<b><i>Acquisition, Due Diligence &amp; Operations Review</i></b>				
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
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
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.

# UNIVERSAL ENERGY

## UEI LLC

## *Africa*

<u>Client</u>	<u>Location</u>	<u>Project</u>	<u>Description</u>	<u>Technology</u>
<i>Commissioning &amp; Startup</i>				
ChevronTexaco	Angola, Africa	Sanha Condensate*	Offshore production platform 37m bpd	Recovery, Compression & Separation

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# UNIVERSAL ENERGY

## UEI LLC

## Asia

<u>Client</u>	<u>Location</u>	<u>Project</u>	<u>Description</u>	<u>Technology</u>
<b><i>Commissioning &amp; Startup</i></b>				
B&W Fluid Dynamics, Inc.	Kazakhstan	Tengiz Chevroil	Pipeline Commissioning	Gas Pipeline
El Paso Energy International	Dhaka, Bangladesh	Haripur Power Barge	110 MW Diesel Plant	18V48 Wartsila Diesel
<b><i>O&amp;M Mobilization, Training &amp; Procedures and Plant Operations</i></b>				
Enron Eng. & Construction	Hainan, China	Hainan Meinan Power	150 MW Combined Cycle Plant	GE LM 6000
Enron Eng. & Construction	Dabhol, India	Dabhol Power	670 MW Combined Cycle Plant	GE Frame9E
<b><i>Owner's Representative and Project and Construction Management Services</i></b>				
El Paso Energy International	Kabirwala, Pakistan	Fauji Kabirwala	144 MW Combined Cycle Plant	Westinghouse 251B11
El Paso Energy International	Sulawesi, Indonesia	Sengkang I Power Station	135 MW Combined Cycle Plant	ABB GT8C
Energy Conversion Dev. Co	China	Various	Development Support	Various
INET, Inc.	China	Various	Development Support	Various
<b><i>Acquisition, Due Diligence &amp; Operations Review</i></b>				
Brown & Root	Shiheng, China	Shandong Zhonghau	4 x 300 MW Coal Plant	Coal
Sithe Energies, Inc.	Tangshan, China	Tangshan	1 x 50 MW Coal Plant	Coal

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## UEI LLC

## *Australia*

<u><i>Client</i></u>	<u><i>Location</i></u>	<u><i>Project</i></u>	<u><i>Description</i></u>	<u><i>Technology</i></u>
<i>Commissioning &amp; Startup</i>				
GEAEP/GE Power Services	Perth, Australia	Telfer	150 MW Simple Cycle Plant	GE LM 6000

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# UNIVERSAL ENERGY

## UEI LLC

## *Central America / Caribbean*

<u>Client</u>	<u>Location</u>	<u>Project</u>	<u>Description</u>	<u>Technology</u>
<b><i>Commissioning &amp; Startup</i></b>				
Century Contractors West, Inc.	Kingston, Jamaica	JPPC	50 MW Diesel Plant	Sulzer Diesels
Coastal Power Production Co.	Nejapa, El Salvador	Nejapa Power Plant	144 MW Diesel Plant	18V32 Wartsila Diesels
Duke Flour Daniel	Guayama, Puerto Rico	AES Total Energy Plant*	450 MW Coal CFB Plant	CFB, Coal
Enron Eng. & Construction	Bahia las Minas, Panama	Bahia Las Minas Power Station	120 MW Combined Cycle Plant	GE Frame 5
Enron Eng. & Construction	Penuelas, Puerto Rico	Eco Electrica	500 MW Combined Cycle Plant	Westinghouse 501F, 3 Fuel
ICA Fluor Daniel	Mexicali, Mexico	Termoelectrica de Mexicali*	500 MW Combined Cycle Plant	GE Frame 7FA

### ***O&M Mobilization, Training & Procedures and Plant Operations***

BE&K	Monterrey, Mexico	Burgos-Monterrey Pipeline	34M BBL/day LPG Distribution Facility	LPG Distribution
Century Contractors West, Inc.	Kingston, Jamaica	JPPC	50 MW Diesel Plant	Sulzer Diesels
Eco Electrica	Penuelas, Puerto Rico	Penuelas Power	1MM Bbl LNG Terminal	LNG Terminal and Storage
Enron Eng. & Construction	Colon, Panama	Bahia Las Minas Power Station	120 MW Combined Cycle Plant	GE Frame 6
InterGen	Mexicali, Mexico	LaRosita	765 MW Combined Cycle Plant	Westinghouse 501 FDs
DKRW	Sonora, Mexico	Sonora Pacific LNG	1.3 BCF/day LNG Terminal	LNG Project Development

### ***Owner's Representative and Project and Construction Management Services***

El Paso Energy International	Mexico	Various	Development/various projects	Various
	Rosarito, Mexico	Rosarito	765 MW Combined Cycle Plant	Westinghouse 501FD
Energy Conversion Dev. Co	Latin America	Various	Development Support	Various
Enron Americas	Caribbean	Various	Development/various projects	Various
Enron Eng. & Construction	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
GE Power Services	Campeche, Mexico	Akal C Production Platform	6.3 MW Power Island	4 x Tornado
INET, Inc.	Latin America	Various	Development Support	Various
Smith-Enron Cogen LP	Puerto Plata, D.R.	SECLP	110 MW Combined Cycle Plant	GE Frame 7EA

### ***Acquisition, Due Diligence & Operations Review***

Kellog, Brown & Root	Central America	Multiple Sites	Diesel Power Plant	Various
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# UNIVERSAL ENERGY

## UEI LLC

## *Europe*

<u><i>Client</i></u>	<u><i>Location</i></u>	<u><i>Project</i></u>	<u><i>Description</i></u>	<u><i>Technology</i></u>
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### *Commissioning & Startup*

Enron Eng. & Construction	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
Enron International	St. Petersburg, Russia	Severnaya Station	4 Solar Gas Turbines	Solar Taurus 60
GEAEP/GE Power Services	San Giovanni, Italy	Teramica Lucchesse Sesto	48 MW Simple Cycle Plant	GE LM 6000
GEAEP/GE Power Services	Verchelli, Italy	Polipli Actv CHP Project	48 MW Simple Cycle Plant	GE LM 6000
NEPCO	Fife, Scotland	Fife	135 MW Combined Cycle Plant	GE Frame 6FA
El Paso Energy International	Dunaferr, Hungary	Dunaferr	670 MW Coal Environmental Audit	Coal & Residual

### *O&M Mobilization, Training & Procedures and Plant Operations*

Enron International	Marmara, Turkey	Marmara Ereglisi	470 MW Combined Cycle Plant	Siemens V94.3
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### *Owner's Representative and Project and Construction Management Services*

Canatxx	Wales	Development (Undisclosed)	LNG Storage & Vaporization Terminal	LNG with Power Installation
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### *Acquisition, Due Diligence & Operations Review*

Viking UK Gas Ltd	Knapton UK	East Knapton Generation Station	Operational Audit	Gas Processing & Power
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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.

# UNIVERSAL ENERGY

## UEI LLC

## *South America*

<u><i>Client</i></u>	<u><i>Location</i></u>	<u><i>Project</i></u>	<u><i>Description</i></u>	<u><i>Technology</i></u>
<b><i>Commissioning &amp; Startup</i></b>				
El Paso Energy International	Macaé, Brazil	Macaé	800 MW Simple Cycle Plant	GE LM 6000
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
GEAEP/GE Power Services	Santa Cruz, Bolivia	Santa Cruz Power	120 MW Simple Cycle Plant	GE LM 6000
Termonorte	Porto Velho, Brazil	Termonorte	340 MW Combined Cycle Plant	GE Frame 7EA
Andrade Gutierrez	Macaé, Brazil	UTE Norte Fluminense	700 MW Simple Cycle Plant	Westinghouse 501F
<b><i>O&amp;M Mobilization, Training &amp; Procedures and Plant Operations</i></b>				
El Paso Energy International	Manaus, Brazil	Manaus	120 MW Simple Cycle Plant	GE LM 6000 + PW FT4
Enron International	Cuiaba, Brazil	Cuiaba	480 MW Combined Cycle Plant	Siemens V94.2
Kawasaki	Venezuela	ICO Pipeline Gas Compressor Stations	Altagracia, Moron & Morros	KGTA GPB60 & GPB30 Gas Turbines
Rio Polimeros	Rio Polimeros, Brazil	Rio Polimeros Chemical	Chemical Plant	Various
<b><i>Owner's Representative and Project and Construction Management Services</i></b>				
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
<b><i>Acquisition, Due Diligence &amp; Operations Review</i></b>				
Mobil Power, Inc.	South America	Undisclosed	Undisclosed	Various

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