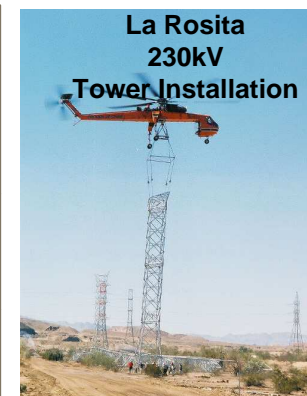


# Bechtel Projects—Transmission

Customer	Project	State/ Country	Year	Voltage (kV)	Nominal Distance (mi)	Project Highlights
U.S. Agency for International Development	Iraq Infrastructure Reconstruction Program	Iraq	2006	500 kV	46 Miles	Bechtel performed EPCM Services for a 500 kV overhead transmission line reconstruction and restoration which spanned 46 miles on the Iraq Infrastructure Reconstruction Program for the U.S. Agency for International Development.
U.S. Department of Energy National Nuclear Security Administration	Nevada Test Site	Nevada	2006	34.5 kV	15 Miles	Bechtel performed EPCM Services for a 34.5 kV site electrical distribution system rebuild (cable to overhead) which spanned 15 miles at the Nevada Test Site for the U.S. Department of Energy's National Nuclear Security Administration in Nevada, USA.
InterGen Energia de Baja California	La Rosita Power and Expansion Project	Mexicali, Mexico; and California	2003	230 kV	30 Miles	Bechtel performed EPCM Services for 230 kV overhead transmission lines which were a nominal 30 miles overall that included double-circuit, lattice-steel towers with helicopter installation for interconnection of the La Rosita Power and Expansion Project in Mexico.
PG&E Gen	Athens Energy Project	New York	2002	345 kV	1 Mile	Bechtel performed EPCM Services for 1 mile of 345 kV double-circuit overhead transmission line related to the Athens Energy Project.
InterGen	Quezon Power Project	Philippines	2000	230 kV	19 Miles	Bechtel performed EPCM Services for 19 miles of 230 kV overhead transmission interconnection through mountainous jungle terrain which included double-circuit, lattice structures in support of the Quezon Power Project for customer InterGen.
Exxon Research	Baton Rouge Cogeneration	Louisiana	1998	230 kV	1 Mile	Bechtel performed Full EPC for a 230 kV underground cable, power plant to substation and related HV transmission interconnections at the Baton Rouge Cogeneration Project for customer Exxon (now Exxon Mobil) in Louisiana, USA.
Selkirk Cogeneration Partners, L.P.	Selkirk Cogeneration Phases I and II	New York	1994	115 kV	3 Miles	Bechtel performed Full EPC for a 115 kV power plant to switchyard and related HV transmission interconnections at the Selkirk Cogeneration Phases I and II project for customer Selkirk Cogeneration Partners, L.P., in New York, USA.
JMA	MASSPOWER	Massachusetts	1993	115 kV	3 Miles	Bechtel performed EPCM services for 3 miles of single-circuit combination underground and overhead transmission line related to the MASSPOWER project
Ocean State Power	Ocean State Power Plant	Rhode Island	1991	345 Kv	1 Mile	Bechtel performed Engineering Consulting Services for a 345 kV overhead transmission interconnection which was a nominal 1 mile with an SF6 interface to an existing air-insulated substation at the Ocean State Power Plant project in Rhode Island, USA.
Egyptian Electricity Authority	Shoubrah El-Kheima Units 1-4	Cairo, Egypt	1987	500 kV 220 kV	More Than 30 Miles	Bechtel performed EPCM Services for 500 kV overhead and 220 kV overhead and pipe-type underground cables in/around Cairo, Egypt, which included single- and double-circuit; and a 1-mile, 66 kV submarine cable crossing the Nile River.



**La Rosita  
230kV  
Tower Installation**



**Athens 345kV  
Double Circuit Line**



**Nevada Test Site**



**Quezon Power  
Project**



**Iraq Infrastructure  
Reconstruction  
Program**

# Bechtel Projects—Substations/Switchyards

Customer	Project	State/ Country	Voltage (kV)	Year
BrightSource	Ivanpah Solar Electric Generating Facility	California	115	Ongoing
UniStar	Calvert Cliffs Unit 3 Switchyard	Maryland	500	Ongoing
Prairie State Generating Company	Prairie State Energy Campus Switchyard and Tie Lines	Illinois	345	Ongoing
First Energy	Sammis Switchyard and Tie Line	Ohio	345	2008
We Power	Elm Road Generating Station Switchyard, Tie Lines and Remote Substation	Wisconsin	345	2008
SCE	Mountainview Power Project Switchyard and Underground Tie Lines	California	220	2006
Unisource	Springerville Expansion Project, Unit 3 Switchyard and Tie Lines	Arizona	345	2006
InterGen	Rijnmond Energy Centre Switchyard	Netherlands	150	2004
National Energy Group	Athens Generating Project Switchyard	New York	345	2004
InterGen	La Rosita Power Project and Expansion Project Switchyards	Mexico	230	2003
InterGen	Redbud Energy Project Switchyard and Tie Lines	Oklahoma	345	2003
InterGen North America	Magnolia Energy Project Switchyard and Tie Lines	Mississippi	500	2003
InterGen North America	Cottonwood Energy Project Switchyard and Tie Lines	Texas	500	2003
InterGen	Turkey Power Plant Switchyards – Adapazari, Izmir, and Gebze	Turkey	380	2002
Calpine	Delta Energy Center Switchyard	California	230	2002
InterGen	Bajio Power Project Switchyard	Mexico	230	2001
Amoco	Great Yarmouth Power Project GIS Switchyard and Underground Tie Line	UK	132	2001
Calpine	Sutter Power Plant Switchyard	California	230	2001
Conoco	Sabine River Works LP Cogeneration Plant Switchyard & Tie Lines	Texas	138	2000
Reynolds	Gregory Power Project Switchyard, Tie Lines and Remote Substation Upgrade	Texas	138	2000



# Bechtel Projects—Substations/Switchyards

Customer	Project	State/ Country	Voltage (kV)	Year
AECL	Qinshan Nuclear Power GIS Switchyards	China	500/220	2002
SWCC Saudi Arabia	Shoaiba Project 380 kV GIS, including 380 kV and 110 kV XLPE Cables	Saudi Arabia	380/110	2001
FPEC	Meizhou Wan Power Project Switchyard	China	220	2000
PG&E Gen	Millennium Power Plant Switchyard and Tie Line	Massachusetts	115	1999
InterGen	Quezon Power Project Switchyard and Transmission Lines	Philippines	230	1999
Exxon	Exxon Baton Rouge Cogeneration Plant	Louisiana	230	1998
InterGen	Rocksavage Power Plant	UK	400	1998
CFE	Samalayuca II Power Plant Switchyard	Mexico	230	1998
InterGen	TermoEmcali Power Project Switchyard, Underground Tie Line and Remote Substation	Colombia	115	1998
MHI	Aleppo Thermal Power Station Switchyards	Syria	220/66	1997
Enron	Dabhol Power Project Switchyard	India	400	1997
U.S. Generating Co.	Hermiston Generating Project Switchyard	Oregon	230	1996
Egyptian Electricity Authority	Sidi Krir Generation Project, 220 kV GIS	Egypt	220	1996
Potomac Elect. Power	Burches Hill Substation Expansion	Maryland	230	1995
Ahlstrom Development Company	Colver Power Project Switchyard	Pennsylvania	115	1994
U.S. Generating Co.	Northampton Energy Project Switchyard	Pennsylvania	138	1994
Baltimore Gas and Electric Co.	Perryman Cogeneration Plant Switchyard	Maryland	230/115	1994
CCLP	Chambers Works Cogeneration Plant Switchyard (Gas Insulated)	New Jersey	230	1993
ICP, L.P.	Indiantown Cogeneration Plant Switchyard	Florida	230	1993
JMA	MASSPOWER Cogeneration Plant Switchyard	Massachusetts	115	1993
Potomac Elect. Power	Norbeck Substation	Maryland	230/69	1993
KESC, L.P.	Keystone Cogeneration Plant Switchyard and Distribution Line	Pennsylvania	230/15	1993
Selkirk Cogeneration Partners L.P.	Selkirk II Cogeneration Plant Switchyard	New York	115	1993

