

Burns and Roe is a full-service engineering, procurement, construction and operations firm. We currently rank #8 in the ENR Top Power Engineering firms. and have completed over 175 fossil-fueled generating units, totaling over 75,000 MW.



Client	Project	Location	Equipment	Size(MW)	Completion Date	Services
Calpine	Greenfield CCPP	Canada	SW 501F	1000	2008	D, E
Calpine	Otay Mesa CCPP	CA	GE 7FA	500	2008	D, E
AECI	Dell CCPP	AR	GE 7FA	600	2007	D, E, P
Siemens Power Generation	Caithness Energy Center CCPP	NY	SGT6-5000F	350	2007	D, E
Hitachi	Council Bluffs Unit 4	IA	Hitachi Supercritical (coal)	790	2007	C
Calpine	Valladolid III CCPP	Mexico	GE 7FA	540	2006	D, E
Calpine	Freeport Energy Center CCPP	TX	SW 501F	250	2006	D, E
Calpine	Metcalf CCPP	CA	SW 501F	550	2005	D, E
South Houston Green Power	Texas City CHP Project	TX	GE 7FA	650	2003	D, E, P
FPL	Jamaica Bay SCPP	NY	Pratt & Whitney FT8-1 Swift Pac	54	2003	D, E, P, C
General Electric	Dezhou Coal Fired Facility	China	GE Steam Turbine (Coal)	2 x 660	2003	D, E, P
Siemens/ Westinghouse Power Corporation	Blythe CCPP	CA	Siemens V84.3	550	2003	D, E
Siemens/ Westinghouse Power Corporation	Wansley CCPP	GA	Siemens V84.3	550	2003	D, E
Siemens/ Westinghouse Power Corporation	Big Sandy CCPP	AZ	Siemens V84.3	550	TBD *	D, E
Calpine	Deer Park CCPP	TX	SW 501F	1000	2003	D, E
Calpine	Decatur CCPP	AL	SW 501F	750	2003	D, E
Calpine	Augusta CCPP	GA	GE 307 FA	750	TBD *	D, E
TECO Power Systems	McAdams CCPP	MS	GE 7FA	600	TBD *	D, E, P
Dynegy	Foothills SCPP	KY	SW 501F	350	2002	D, E, P
Calpine	Channel CCPP	TX	SW 501F	550	2001	D, E
Calpine	Baytown CCPP	TX	SW 501F	750	2001	D, E
Entergy	Warren SCPP	MS	GE 7EA	300	2001	D, E, P
Dynegy	Heard County SCPP	GA	SW 501F	500	2001	D, E, P
Dynegy	Riverside SCPP	KY	SW 501F	500	2001	D, E, P
Calpine/General Electric	Westbrook CCPP	ME	GE 7FA	540	2001	D, E
Edison Mission Energy/Mitsui	Paiton 7 & 8 Coal-Fired Facility	Indonesia	GE Steam Turbine (coal)	2 x 660	1999	D, E



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City of Vernon	Vernon CCPP	CA	(Gas Turbine)	890	2008
International Power/Mitsui	Paiton III	Indonesia	(Coal-Fired)	800	2009
Fibrowatt	Fibrominn	MN	(Biomass)	50	2008
Gulf Electric	Kaeng Khoi 2 CCPP	Thailand	Alstom GT 26	1400	2007
Sempra Energy	Cedar Power CCPP	TX	GE 7FA	600	TBD
Sempra Energy	MC Energy CCPP	TX	GE 7FA	600	TBD
New York Power Authority	Astoria Poletti CCPP	NY	GE 7FA	540	2005
Old Dominion	Marsh Run SCPP	VA	GE 7FA	700	2004
KeySpan Energy	Spagnoli Road CCPP	NY	GE 7FA	250	TBD *
KeySpan Energy	Ravenswood CCPP	NY	GE 7FA	270	2004
Competitive Power Ventures	Smyth County CCPP	VA	GE 7FA	800	TBD *
Sempra Energy	South Shore Power CCPP	MI	GE 7FA	600	TBD *
Sempra Energy	Catoctin Power CCPP	MD	GE 7FA	600	TBD *
Sempra Energy	2 Confidential CCPPs	PA, NY	GE 7FA	600 each	2009
Competitive Power Ventures	Gulf Coast CCPP	FL	GE 7FA	250	TBD
Competitive Power Ventures	Cunningham Creek CCPP	VA	SW 501F	500	TBD
Con Edison Development	Newington CCPP	NH	GE 7FA	540	2003
Old Dominion	Rock Springs SCPP	MD	GE 7FA	525	2003
Old Dominion	Louisa County SCPP	VA	GE 7FA, GE 7EA	560	2003
Azerenerji	Severnaya CCPP	Azerbaijan	MHI 701 F	400	2002
Mitsubishi	Tuxpan CCPP	Mexico	MHI 501F	500	2001

Legend

- D Design
- E Engineering
- P Procurement
- C Construction Management
- CCPP Combined Cycle Power Plant
- SCPP Simple Cycle Power Plant
- * Project Suspended
- () Equipment Not Selected