



## MT – Mid-Sized Turbine References

### Key References since 1997

PLANT NAME	COUNTRY	OUTPUT (MW)	OWNER	IN SERVICE YEAR	PLANT TYPE	CYCLE TYPE
Concepcion 2	Philippines	135	Palm Concepcion Power Corporation	2017	PowerGen	Reheat
Therma Visayas 1	Philippines	170	Aboitiz Power Corporation	2017	PowerGen	Reheat
Therma Visayas 2	Philippines	170	Aboitiz Power Corporation	2017	PowerGen	Reheat
Misamis 1	Philippines	135	FDC Utilities, Inc.	2016	PowerGen	Reheat
Misamis 2	Philippines	135	FDC Utilities, Inc.	2016	PowerGen	Reheat
Misamis 3	Philippines	135	FDC Utilities, Inc.	2016	PowerGen	Reheat
Concepcion 1	Philippines	135	Palm Concepcion Power Corporation	2015	PowerGen	Reheat
Dead Sea Works	Israel	61	Dead Sea Works Ltd.	2015	Chemicals	Non-Reheat
Chelyabinsk 1	Russia	105	OAo Fortum	2014	CCPP	Non-Reheat
Chelyabinsk 2	Russia	105	OAo Fortum	2014	CCPP	Non-Reheat
Chelyabinsk 3	Russia	105	OAo Fortum	2014	CCPP	Non-Reheat
Crescent Dunes	USA	125	Tonopah Solar Energy	2014	CSP	Reheat
North Battleford	Canada	100	Northland Power	2012	CCPP	Reheat
Vasilikos 5	Cyprus	89	Electricity Authority of Cyprus	2011	CCPP	Non-Reheat
Deer Creek	USA	160	Basin Electric	2011	CCPP	Reheat
Delta Lancaster	USA	200	Delta Lancaster	2011	CCPP	Non-Reheat
Muara Tawar 5	Indonesia	81	PT Pembangunan Jawa Bali	2011	CCPP	Non-Reheat
Fujairah F2 2	UAE	153	Abu Dhabi Water and Electricity Authority	2010	CCPP	Non-Reheat
Island Power 1	Singapore	134	PacificLight Power Pte Ltd	2010	CCPP	Reheat
Island Power 2	Singapore	134	PacificLight Power Pte Ltd	2010	CCPP	Reheat
Jebel Ali M 1	UAE	221	Dubai Electricity and Water Authority	2010	CCPP	Non-Reheat
Jebel Ali M 2	UAE	221	Dubai Electricity and Water Authority	2010	CCPP	Non-Reheat
Jebel Ali M Cogen	UAE	220	Dubai Electricity and Water Authority	2010	CCPP	Non-Reheat
Bluewaters II	Australia	229	Griffin Group	2009	PowerGen	Reheat
Orsundsverket	Sweden	150	E.ON Sverige	2009	CCPP	Reheat
Vasilikos 4	Cyprus	89	Electricity Authority of Cyprus	2009	CCPP	Non-Reheat
Afam VI	Nigeria	215	Shell Petroleum Development Company	2008	Petrochemicals	Non-Reheat
Aluar 2 23	Argentina	158	Aluar	2007	Metal and Mining	Non-Reheat
Jebel Ali L2 1	UAE	236	Dubai Electricity and Water Authority	2007	CCPP	Non-Reheat
Jebel Ali L2 2	UAE	236	Dubai Electricity and Water Authority	2007	CCPP	Non-Reheat
Merlimau Cogen (Keppel)	Singapore	189	Keppel Energy Pte Ltd	2007	CCPP	Non-Reheat
Sohar	Oman	220	Oman Refineries Petrochemical Industries Company	2007	Petrochemicals	Non-Reheat
South Houston Green Power	USA	250	BP Global Power/Cinergy Solutions	2007	CCPP	Non-Reheat
Chenming	China	155	Chenming Paper	2006	Pulp and Paper	Non-Reheat
Skikda CC 10	Algeria	194	Sharikete Kahraba Skikda Spa	2006	CCPP	Non-Reheat
Skikda CC 20	Algeria	194	Sharikete Kahraba Skikda Spa	2006	CCPP	Reheat
Vemagiri Phase I	India	155	Vemagiri Power Gen Ltd	2006	CCPP	Reheat



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Brindisi CC 2 (ENI Power 8)	Italy	135	EniPower	2005	CCPP	Reheat
Brindisi CC 3 (ENI Power 9)	Italy	135	EniPower	2005	CCPP	Reheat
Ferrara CC 1 (ENI Power 10)	Italy	135	EniPower	2005	CCPP	Reheat
Ferrara CC 1 (ENI Power 11)	Italy	135	EniPower	2005	CCPP	Reheat
Okpai 1	Nigeria	163	EniPower	2005	Oil and Gas	Non-Reheat
Phu My 2.1 Extension	Vietnam	170	Electricity of Vietnam	2005	CCPP	Non-Reheat
Vasilikos 3	Cyprus	130	Electricity Authority of Cyprus	2005	CCPP	Reheat
Hwa Ya 1	Taiwan	163	Hwa Ya Power Group	2004	CCPP	Non-Reheat
Hwa Ya 2	Taiwan	163	Hwa Ya Power Group	2004	CCPP	Non-Reheat
Nehuenco II	Chile	138	Colbún S.A.	2004	CCPP	Reheat
Roselectra Power Station (Rosignano 2)	Italy	135	Electrabel	2004	CCPP	Reheat
Voghera (Electrabel)	Italy	135	Ansaldo Energia S.p.A.	2004	CCPP	Reheat
Swiecie	Poland	86	Mondi Packaging Paper S.A.	2003	Pulp and Paper	Non-Reheat
Ballylumford CCGT 2	UK	188	AES Ballylumford Holdings Limited	2003	CCPP	Non-Reheat
Barka	Oman	225	SMN Barka Power Company/OPWP	2003	CCPP	Non-Reheat
Bethlehem 4	USA	198	Bethlehem Energy Center	2003	CCPP	Non-Reheat
Bethlehem 8	USA	198	Bethlehem Energy Center	2003	CCPP	Non-Reheat
Brindisi CC 1 (ENI Power 7)	Italy	135	EniPower	2003	CCPP	Reheat
CCPP BASF Tarragona	Spain	160	BASF	2003	CCPP	Non-Reheat
Cockburn 1	Australia	85	Synergy	2003	CCPP	Non-Reheat
Ferrera Erbogonne CC 1	Italy	135	EniPower	2003	CCPP	Reheat
Ferrera Erbogonne CC 2	Italy	135	EniPower	2003	CCPP	Reheat
La Rosita Power Ext (Intergen 1 2)	Mexico	155	InterGen	2003	CCPP	Reheat
Lumut Sikap 3	Malaysia	234	Teknik Janakuasa Sdn. Bhd.	2003	CCPP	Non-Reheat
Mantova CC 1 (ENI Power 3)	Italy	135	EniPower	2003	CCPP	Reheat
Mantova CC 2 (ENI Power 4)	Italy	135	EniPower	2003	CCPP	Reheat
Perlis	Malaysia	234	Teknologi Tenaga Perlis Consortium Sdn. Bhd.	2003	CCPP	Non-Reheat
Phu My 2.1 23	Vietnam	170	Electricity of Vietnam	2003	CCPP	Non-Reheat
Plaquemine	USA	198	Dow Chemical	2003	Chemicals	Non-Reheat
Ravenna ENI CC1 (ENI Power 5)	Italy	135	EniPower	2003	CCPP	Reheat
Ravenna ENI CC1 (ENI Power 6)	Italy	135	EniPower	2003	CCPP	Reheat
Shijiazhuang Cogen 1	China	200	China Huadian Group Corp.	2003	CCPP	Non-Reheat
Shijiazhuang Cogen 2	China	200	China Huadian Group Corp.	2003	CCPP	Non-Reheat
Akrimota 1	India	125	Gujarat Mineral Development Corporation	2002	Metal and Mining	Reheat
Akrimota 2	India	125	Gujarat Mineral Development Corporation	2002	Metal and Mining	Reheat
Araucaria	Brazil	160	Copel/Petrobras	2002	CCPP	Non-Reheat
Carville	USA	181	Carville Energy LLC	2002	CCPP	Non-Reheat
Corpus Christi Cogen	USA	176	NRG Energy	2002	CCPP	Non-Reheat



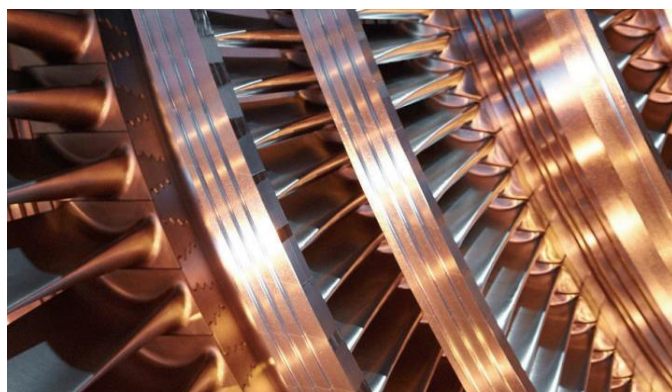
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PLANT NAME	COUNTRY	OUTPUT (MW)	OWNER	IN SERVICE YEAR	PLANT TYPE	CYCLE TYPE
Cottonwood 1	USA	156	NRG Energy	2002	CCPP	Reheat
Cottonwood 2	USA	156	NRG Energy	2002	CCPP	Reheat
Cottonwood 3	USA	156	NRG Energy	2002	CCPP	Reheat
Cottonwood 4	USA	156	NRG Energy	2002	CCPP	Reheat
Guayama 1	Puerto Rico	255	AES Puerto Rico LLC	2002	PowerGen	Reheat
Guayama 2	Puerto Rico	255	AES Puerto Rico LLC	2002	PowerGen	Reheat
Hagit 7	Israel	110	Israel Electric Corp.	2002	CCPP	Non-Reheat
Hagit 8	Israel	110	Israel Electric Corp.	2002	CCPP	Non-Reheat
Hay Road 8	USA	184	Calpine	2002	CCPP	Non-Reheat
Komotini	Greece	170	Public Power Corp (DEH)	2002	CCPP	Non-Reheat
Magnolia 1 (InterGen 5)	USA	156	InterGen	2002	CCPP	Reheat
Magnolia 2 (InterGen 9)	USA	156	InterGen	2002	CCPP	Reheat
Magnolia 3 (InterGen 11)	USA	156	InterGen	2002	CCPP	Reheat
Neyveli 0	India	260	Neyveli Lignite Corporation Limited (NLC)	2002	Metal and Mining	Reheat
Neyveli I10	India	220	Neyveli Lignite Corporation Limited (NLC)	2002	Metal and Mining	Reheat
Redbud 1 (InterGen 6)	USA	156	InterGen	2002	CCPP	Reheat
Redbud 2 (InterGen 7)	USA	156	InterGen	2002	CCPP	Reheat
Redbud 3 (InterGen 8)	USA	156	InterGen	2002	CCPP	Reheat
Redbud 4 (InterGen 10)	USA	156	InterGen	2002	CCPP	Reheat
RF-CFB 1 (Formosa 1)	Taiwan	148	Formosa Petrochemical Corp.	2002	Petrochemicals	Non-Reheat
RF-CFB 2 (Formosa 1)	Taiwan	148	Formosa Petrochemical Corp.	2002	Petrochemicals	Non-Reheat
Samalkot	India	80	Reliance Power	2002	CCPP	Non-Reheat
Siersza 2 NEW	Poland	145	TAURON Wytwarzanie	2002	PowerGen	Reheat
Taweelah A1 STG 1	UAE	204	Gulf Total Tractebel Power Company (GTTPC)	2002	CCPP	Non-Reheat
Taweelah A1 STG 2	UAE	204	Gulf Total Tractebel Power Company (GTTPC)	2002	CCPP	Non-Reheat
Taweelah A1 STG 3	UAE	204	Gulf Total Tractebel Power Company (GTTPC)	2002	CCPP	Non-Reheat
Termorio 1	Brazil	184	TermoRio S.A.	2002	CCPP	Non-Reheat
Channel View (Equistar Cogen)	USA	154	GIM Channelview Cogeneration LLC	2001	CCPP	Non-Reheat
Madinat Yanbu	Saudi Arabia	138	Marafiq	2001	CCPP	Reheat
Neyveli 11	India	220	Neyveli Lignite Corporation Limited (NLC)	2001	Metal and Mining	Reheat
Siersza 1 NEW	Poland	145	TAURON Wytwarzanie	2001	PowerGen	Reheat
Al Khobar 2	Saudi Arabia	117	Saline Water Conversion Corp	2000	CCPP	Non-Reheat
Al Khobar 3	Saudi Arabia	117	Saline Water Conversion Corp	2000	CCPP	Non-Reheat
Al Khobar 4	Saudi Arabia	117	Saline Water Conversion Corp	2000	CCPP	Non-Reheat
Liberty (Port Quasim) CC	Pakistan	80	Wapda	2000	CCPP	Non-Reheat
Pelican Point	Australia	170	International Power	2000	CCPP	Non-Reheat
Pohang CCPP	Korea	121	Posco Energy	2000	CCPP	Non-Reheat
Shoaiba Phase 2 6	Saudi Arabia	114	Saudi Consolidated Electric Company	2000	PowerGen	Non-Reheat
Tung Hsiao 6	Taiwan	109	Taipower	2000	CCPP	Non-Reheat
Vasilikos 2	Cyprus	120	Electricity Authority of Cyprus	2000	CCPP	Reheat



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AES Warrior Run 1	USA	206	AES Corporation	1999	CCPP	Reheat
Al Khobar 1	Saudi Arabia	117	Saline Water Conversion Corp	1999	CCPP	Non-Reheat
Beijing no. 1 1	China	200	CLP Guohua Beijing Power	1999	CCPP	Non-Reheat
Beijing no. 1 2	China	200	CLP Guohua Beijing Power	1999	CCPP	Non-Reheat
Ingleside 1	USA	175	Occidental Chemical Corporation	1999	Chemicals	Non-Reheat
Marmara Ereglesi CC	Turkey	169	UniMar Enerji Yatirimlari A.S.	1999	CCPP	Non-Reheat
Mejillones 3	Chile	94	Edelnor	1999	PowerGen	Non-Reheat
Priolo Refinery CC 2	Italy	116	Lukoil Group/ERG SpA	1999	Petrochemicals	Reheat
Priolo Refinery CC 1	Italy	116	Lukoil Group/ERG SpA	1999	Petrochemicals	Reheat
Ramat Hovav	Israel	110	Israel Electric Corp	1999	CCPP	Non-Reheat
Vasilikos 1	Cyprus	120	Electricity Authority of Cyprus	1999	CCPP	Reheat
Beddawi	Lebanon	167	Electricite du Liban (EDL)	1998	CCPP	Non-Reheat
Ghom 2	Iran	98	Qom Generation Management	1998	CCPP	Non-Reheat
Shoaiba Phase 2 7	Saudi Arabia	114	Saudi Consolidated Electric Company	1998	PowerGen	Non-Reheat
Shoaiba Phase 2 8	Saudi Arabia	114	Saudi Consolidated Electric Company	1998	PowerGen	Non-Reheat
Shoaiba Phase 2 9	Saudi Arabia	114	Saudi Consolidated Electric Company	1998	PowerGen	Non-Reheat
Shoaiba Phase 2 10	Saudi Arabia	114	Saudi Consolidated Electric Company	1998	PowerGen	Non-Reheat
Termobarranquilla CC2 24	Colombia	167	Termobarranquilla S.a E.s.p	1998	CCPP	Non-Reheat
Termopaipa IV	Colombia	165	STEAG/Empresa de Energía de Boyacá S.A.	1998	PowerGen	Reheat
Zaharani	Lebanon	167	EDL/Enel Produzione	1998	CCPP	Non-Reheat
Gary Works 95	USA	165	United States Steel Corporation	1997	Metal and Mining	Non-Reheat
Ghom 1	Iran	98	Qom Generation Management	1997	CCPP	Non-Reheat
KW Ludwigshafen GUD	Germany	74	BASF	1997	Chemicals	Non-Reheat
Meishi	China	72	Shenzhen Meishi Electrical Power Systems Co. Ltd	1997	CCPP	Non-Reheat
Mejillones 2	Chile	160	Edelnor	1997	PowerGen	Reheat
Muara Tawar 1	Indonesia	230	PT Pembangkitan Jawa Bali	1997	CCPP	Non-Reheat
Termobarranquilla CC1 14	Colombia	167	Termobarranquilla S.a E.s.p	1997	CCPP	Non-Reheat
Trinitaria	Ecuador	133	Electroguayas SA	1997	PowerGen	Reheat
Vuosaari B	Finland	173	Helsingin kaupungin energialaitos/ Helsingin Energia	1997	District Heating	Non-Reheat



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