

All 171 power plants in Saudi Arabia

Open Infrastructure Map (<https://openinframap.org/stats/area/Saudi%20Arabia/plants>)

All 171 power plants in Saudi Arabia

Name	English Name	Operator	Output	Source	Method
Shoaiba Thermal Power Plant			6,531 MW	oil	combustion
Riyadh Power Plant 9		SEC Saudi Electricity Company	5,980 MW	oil	combustion
Riyadh Power Plant 10		SEC Saudi Electricity Company	4,600 MW	gas	combustion
Ghazlan Power Plant		Saudi Electricity Company	4,000 MW	oil	combustion
Qurayyah IPP	Qurayyah IPP		3,927 MW	gas	combustion
Qurayyah II Combined Cycle Power Plant		Saudi Electricity Company	3,828 MW	gas	combustion
Jazan IGCC			3,600 MW	oil	combustion
South Jeddah Power Plant		Saudi Electricity Company	2,892 MW	oil	combustion
Marafiq Jubail IWPP	Marafiq Jubail IWPP		2,744 MW	gas	combustion
Shuqaiq Steam Power Plant		Saudi Electricity Company	2,640 MW	oil	combustion
Yanbu-3 Power & Desalination plant		Saline Water Conversion Corporation	2,500 MW	oil	combustion
Ras Al-Khair Power and Desalination Plant		Saline Water Conversion Corporation	2,400 MW	gas	combustion
شركة الكهرباء المحطة الثامنة	Riyadh Power Plant 8	Saudi Electricity Company	2,091 MW	oil	combustion
Al Shuaibah Solar PV IPP, KSA			2,060 MW	solar	photovoltaic
Rabigh 2 IPP			2,060 MW	gas	combustion
[unnamed]	Riyadh Power Plant 14 (PP14)		1,980 MW	gas	combustion
Riyadh Power Plant 13		Saudi Electricity Company	1,800 MW	gas	combustion
Riyadh Power Plant 11		Dhuruma O&M Company	1,756 MW	gas	combustion

Riyadh Power Plant 12		Saudi Electricity Company	1,740 MW	gas	combustion
Al-Fadhili Cogeneration Power Plant			1,504 MW	gas	combustion
Faras Power Plant		Saudi Electricity Company	1,500 MW	gas	combustion
Sudair PV IPP			1,500 MW	solar	photovoltaic
Waad Al Shamal Power Plant	Waad Al Shamal Power Plant	Saudi Electricity Company	1,390 MW	gas;solar	combustion
Yanbu 1 IWPP		Marafiq	1,207 MW	oil	combustion
Rabigh 1 IPP			1,204 MW	oil	combustion
SEC Shedgum Gas Turbine Power Plant			1,100 MW	gas	combustion
	الشركة السعودية للكهرباء Al Qassim Power Plant	Saudi Electricity Company	1,083 MW	oil	combustion
Jubail Power and Desalination Plant		Saline Water Conversion Corporation	1,000 MW	oil	combustion
Riyadh Power Plant - Block F		Saudi Electricity	1,000 MW		
Riyadh Power Plant - Block A		Saudi Electricity	900 MW	oil	combustion
Riyadh Power Plant - Block B		Saudi Electricity	900 MW	oil	combustion
[unnamed]	Shoaiba IWPP		900 MW	oil	combustion
Riyadh Power Plant - Block C		Saudi Electricity	850 MW	oil	combustion
Riyadh Power Plant - Block D		Saudi Electricity	850 MW	oil	combustion
Shuqaiq 2 IWPP			850 MW	oil	combustion
Rabigh IWSPP		Rabigh Power Company	840 MW	oil	combustion
Yanbu 2 Power Plant		Marafiq	825 MW	oil	combustion
	المؤسسة العامة لتحلية المياه المالحة Khobar Power and Desalination Plant	Saline Water Conversion Corporation	818 MW	oil	combustion
Tabuk Power Plant		Saudi Electricity Company	744 MW	oil	combustion
Riyadh Power Plant - Block E			680 MW	gas	combustion
Green Duba power plant	Green Duba power plant	Saudi Electricity Company	600 MW	gas;solar	combustion

Asir Power Plant		Saudi Electricity Company	573 MW	oil	combustion
Ha'il-2 Power Plant	Ha'il-2 Power Plant	Saudi Electricity Company	525 MW	oil	combustion
المؤسسة العامة لتحلية المياه المالحة	Jeddah Power and Desalination Plant	Saline Water Conversion Corporation	500 MW	oil	combustion
محطة الشعيبية لتحلية المياه المالحة وتوليد الطاقة الكهربائية	Shoaiba power and desalination plant	Saline Water Conversion Corporation	497 MW	oil	combustion
Shedgum Cogeneration Gas Power Plant			496 MW	gas	combustion
دومة الجندل	Dumat Al Jandal Wind Farm	Masdar	416 MW	wind	wind_turbine
Al Qurayyat Power Plant		Saudi Electricity Company	400 MW	oil	combustion
Manifa Cogeneration Power Plant			335 MW	gas	combustion
Rabigh Solar PV Park		Al Jomaih Energy and Water	300 MW	solar	photovoltaic
محطة سكاكا للطاقة الشمسية	Sakaka solar plant		300 MW	solar	photovoltaic
Jubail Cogeneration Power Plant			250 MW	gas	combustion
Bisha Power Plant		Saudi Electricity Company	219 MW	oil	combustion
Sharurah Power Plant		Saudi Electricity Company	200 MW	oil	combustion
Al Wajh Power Plant		Saudi Electricity Company	180 MW	oil	combustion
New Yamama Cement Power Station			133 MW	gas	combustion
Tabarjal Power Plant		Saudi Electricity Company	103 MW	oil	combustion
محطة توليد الكهرباء في شمال بريدة	Buraydah Power Plant	Saudi Electricity Company	90 MW	oil	combustion
Shuqaiq power and desalination plant		Saline Water Conversion Corporation	62 MW	oil	combustion
[unnamed]			50 MW	solar	photovoltaic
NADEC solar photovoltaic IPP		Engie SA	30.00 MW	solar	photovoltaic
محطة ليلى للطاقة الشمسية ٢	Layla Solar PV Plant		20.00 MW	solar	photovoltaic
A.C.Plant #3					
AC Plant #2					combustion

AC Plant 11-366				combustion
AC Plant 19-351				combustion
AC Plant-1B				combustion
Al Bahah Power Plant		Saudi Electricity Company	oil	combustion
Al Madinah Power Plant				
Al Taif Power Plant			gas	combustion
Al-Jouf Power Plant			gas	combustion
Arar Power Plant			diesel;oil	
As-Safaniyah Power Plant			gas	combustion
Ashar Power Station				
Berri Gas Plant			gas	combustion
Berri Power Plant			gas	combustion
Dammam Power Plant				
Duba Power Plant		Saudi Electricity Company	oil	combustion
FVE			solar	photovoltaic
Hail 2	Ha'il-2 Combined Cycle Unit			
Hofuf (KSA) Captive power plant				
Jeddah-3 Power Plant			gas	combustion
Juaymah Cogen Gas Power Plant			gas	combustion
KAPSARC Solar Plant			solar	photovoltaic
Khursaniyah Power Plant				
King Khalid Military City Power Station				
Layla Oil GT Power Plant Saudi Arabia			oil	combustion

Madinah-1 Power Station		oil	
Makkah Power Plant		gas	combustion
Najran Power Plant		oil	combustion
Ngrid 9012			
Qaisumah Power Plant	الشركة السعودية للكهرباء	oil	
Qurayyah I Thermal Power Plant		gas	combustion
Rabigh Power Plant	Saudi Electric Company	oil	combustion
Rafha Power Plant	Saudi Electricity Company	oil	combustion
Ras Tanura Cogeneration Power Plant			
Riyadh 7 Power Plant	Saudi Electric Company		
Riyadh City-4 Power Plant			
Samitah		oil	combustion
Saudi Aramco Gas Power Plant		gas	combustion
Shaybah Gas Power Plant		gas	combustion
Shaybah NGL Power Plant		gas	combustion
Tabuk Military Base Power Station			
Tihama Power Plant	Saudi Electricity Company	oil	combustion
Uthmaniyah Gas Power Plant		gas	combustion
Uthmaniyah Power Plant		gas	combustion
Wadi Ad Dawasir Power Plant	Saudi Electricity Company	oil	combustion
Yamama Cement Power Station			
Yanbu Power Plant			
الشركة السعودية للكهرباء	Saudi Electricity Company		

شركة الكهرباء		Saudi Electricity Company		
شركة الكهرباء		Saudi Electricity Company		
شركة الكهرباء السعودية		Saudi Electricity Company		
شركة الكهرباء السعودية المحطة الخامسة	Riyadh Power Plant 5		oil	combustion
شركة الكهرباء خدمة المشتركين		Saudi Electricity Company		
محطة التبريد المركزية	Central cooling plant			
محطة جازان	Jazan Power Plant	Saudi Electricity Company	oil	combustion
محطة كهرباء				
محطة كهرباء	Power Plant			
محطة كهرباء	Power Plant			
محطة كهرباء				
محطة كهرباء				
محطة كهرباء	Power Plant			
محطة كهرباء				
محطة كهرباء Ngrid 8090				
محطة كهرباء Ngrid 8122				
محطة كهرباء Ngrid 8122				
محطة كهرباء السلامه				
محطة كهرباء الليث				
محطة كهرباء Ngrid 8122				
مدينة الطاقة الشمسية بالرس			solar	photovoltaic
معمل شدقم للغاز الطبيعي	Shedgum Gas Plant		gas	combustion
معمل غاز الحوية	Hawiyah Cogeneration power station			

