

In the name of God

English for the students of Power

زبان تخصصی دانشجویان رشته برق

Second Session

New Words

Early	burn	built	load	supplied	
اولیه	سوزاندن	ساخته شدن	بار	تغذیه کردن	
Output	consume	carry	represent	average	
خروجی	مصرف کردن	حمل کردن	نشان دادن	متوسط	
Unless	pit	divide	crude	well	residual
مگر اینکه	گودال - چاله	تقسیم شدن	خام	چاه	پسماند
Remain	valuable	fractions	refinery	cost	pipeline
باقی ماندن	با ارزش	اجزا	پالایشگاه	هزینه	خط لوله
Site	berth	suitable	viscous	through	economically
قرار دادن	اسکله - لنگرگاه	مناسب	لزج - چسپناک	از طریق	به صرفه

Coal – Fired Power Stations

Early coal-burning stations were built near the load they supplied. A station of 2 GW output , consumes about 5 million tons of coal in a year. In Britain where most power station coal is carried by rail, this represents an average of about 13 trains a day each carrying 1000 tons. This means that large coal – fired stations need a rail link unless the station is built at the pit head.

Oil – Fired Power Stations

Oil Power Station can be divided into crude oil which is oil as it comes from the well, and the residual oil which remains when the more valuable fractions have been extracted in the oil refinery. The cost of moving oil by pipeline is less than that of moving coal by rail, but even so stations burning crude oil are often sited near deep – water berths suitable for unloading medium – sized tankers. Stations burning residual oil need to be sited near to the refinery which supplies them. This is because residual oil is very viscous and can only be moved through pipelines economically if it is kept warm.

دانشجویان محترم کلمات جدید را حفظ و سعی کنید متن داده شده را به فارسی ترجمه کنید .

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