

Re: Energy Density of Coal Fired Power Plant

Source: <http://sci.tech-archive.net/Archive/sci.energy/2006-11/msg00079.html>

- *From:* "daestrom" <daestrom@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 10 Nov 2006 19:11:10 GMT
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"Bret Cahill" <BretCahill@xxxxxxx> wrote in message
<news:1163160801.930888.297800@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

A 450 megawatt plant including coal and maintenance sheds and yard will take up most of a square mile or 250 watts/m².

You can do better that with dish stirling.

Your subject line is about energy density, why are you talking in units of power/area?

How much *energy* does that 450 MW plant generate in an average year, versus how much energy does the dish Stirling? I think that is the more pertinent question.

daestrom

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