

In our hearing before the Senate Environment Committee, Bob Matthews said that he would provide the Committee with some information on the relative costs of different energy sources in the US.

Following is that information. I'd appreciate your assistance in forwarding that information, as appropriate.

Please note that Ausra is confident that it can deliver its technology at lower than the price quoted below.

Best wishes

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On May 13, 2008 the California Energy Commission released its findings on comparative costs for new generating capacity from various sources. Here are the results. Note that all these estimates include firming resource costs.

Busbar cost in cents per kilowatt-hour in 2008 dollars:

Geothermal: 16.485

Solar thermal: 12.653

Wind: 8.910

Coal Integrated Gasification Combined Cycle (IGCC): 11.481

Coal IGCC with Carbon Capture & Storage (IGCC with CCS): 17.317

Coal Supercritical: 10.554 Gas Combined Cycle: 9.382

Busbar means the price of the power leaving the plant. All capital, fuel, and operating costs are taken into account in busbar costs.

The spreadsheet containing these costs can be found at:

http://www.ethree.com/cpuc_ghg_model.html

Select GHG Calculator v2b (ZIP 5.7 MB)

This gives you an Excel spreadsheet in compressed format which should automatically uncompress after you download it.

On this spreadsheet, look for the tab on the bottom of the page that says "Gen Cost" Bob Matthews