

Concentration photovoltaics - Technology

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Along with wind power, concentration photovoltaics (CPV) offers one of the most promising utility-scale, renewable energy technology options. CPV has a current system efficiency of 25% and the potential of reaching much higher efficiency. In the right locations, it could provide electricity at cost low enough to be competitive with fossil and nuclear power. Compared to other solar technologies, CPV has the advantage of modularity and very low water needs.

This documentary goes across technology features of CPV. A visit to [ISFOC](#) (CPV Institute in Puertollano, South of Spain) serves as a connecting thread. A second series will follow, focusing on interviews with industry representatives.