

**From:** Leslie Glustrom [lglustrom@gmail.com]

**Sent:** Wednesday, June 06, 2007 3:18 PM

**To:** 'robin.kittel@xcelenergy.com'; 'joseph.c.taylor@xcelenergy.com'

**Subject:** Mark Mehos at NREL and CSP for Zone 3

Hi Robin, Joe—I've been meaning to send you Mark Mehos' contact information at NREL. He is the fellow who can give you the best information on the resource assessment that NREL did for Concentrating Solar Power that I've been citing. A paper summarizing the resource analysis is attached. Indeed, Mark is a wealth of information on all aspects of CSP. Here is his contact information:

Mark Mehos, CSP Program Manager  
National Renewable Energy Lab  
[Mark\\_mehos@nrel.gov](mailto:Mark_mehos@nrel.gov)  
303-384-7458

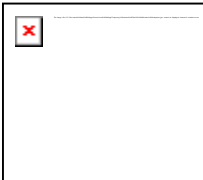
Also attached is a map from Mark showing the CSP resource down to 6 kwh/meter sq'd/day. You can see that Zone 3 has some very nice resource. Combining the wind resource with the CSP resource should emphasize the importance of increasing transmission infrastructure in Zone 3 as soon as possible.

Indeed, there is considerable solar resource in all three zones on the eastern plains and Mark Mehos could help you quantify it.

As I stated in the meeting, there are many aging coal plants on Xcel's network and getting coal to the coal plants won't be easy in the coming years, so to the extent that CSP can be used to displace coal, it will provide an important hedge for Colorado against future uncertainties in fuel supply constraints and carbon regulation.

Thanks again for all your work on this transmission planning effort.

Best Wishes. Leslie



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