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**DOCKET****09-IEP-1G**

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California Energy Commission  
 Dockets Office, MS-4  
 Re: Docket No. 09-IEP-1G/03-RPS-1078  
 1516 Ninth Street  
 Sacramento, CA 95814-5512

In the meeting notice documents you state that public comments are solicited. Please inform me how I can have my comments presented below made as a presentation at the workshop session. Rather than have my comments buried in the CEC files I request that you please publish below as a presentation document to the workshop session. Is it possible for someone from the CEC staff read it as a presentation document during the session?.

Presentation by Frank Brandt , engineer and private citizen  
 San Jose, CA  
 Re: Docket No. 09-IEP-1G/03-RPS-1078

The proponents who believe global warming is caused mainly by man-made greenhouse gas have convinced Governor Schwarznegger and the CA State legislature to mandate that investor owned electric utilities in the state sell electricity generated by "renewable" energy sources. The mandate for 20 or 30% renewable causes several problems. First a 20 or 30% reduction is a band-aid approach when to be effective an 80 to 100% reduction is required to have a meaningful effect on warming. Second there is no way that the energy sources mandated by the legislature can provide 24/7 reliable electricity in the amounts that the public and industry require. The sun shines a limited time per day. Wind energy is fickle. Both are diffuse and require large installations to produce small amounts of electricity. They can be used only if they are backed up by reliable energy sources a very expensive operation.

The CEC can hold workshops on how to overcome the deficiencies of "renewable" energy from now until doomsday but there is simply no way that the CEC can juggle the facts of energy conversion to make "renewable" energy an economical or meaningful way to reduce greenhouse gas production. in meaningful amounts.

An 80 to 100% reduction in greenhouse gas production could be accomplished by using nuclear energy but the CEC is not willing to tell the legislature that this is the only practical way to achieve that goal. There is always lurking in the background the question of whether global warming is really due to man-made activity and thus whether all of this agonizing is futile.