

Control Number: 40000



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DOCKET NO. 40000
PUBLIC UTILITY COMMISSION OF TEXAS

COMMISSION PROCEEDING TO § **BEFORE THE PUBLIC UTILITY**
ENSURE RESOURCE ADEQUACY §
IN TEXAS § **COMMISSION OF TEXAS**

COMMENTS AND REQUEST FOR WORKSHOP
OF SOLAR ENERGY GENERATION

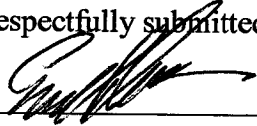
We are concerned that the Public Utility Commission (“Commission”) has undervalued the feasibility for solar energy to serve as a solution to threatened resource inadequacy in ERCOT. We urge the Commission to give more attention to solar generation as a source of cost-competitive electricity that is available during periods of peak electric demand. Solar generation can reasonably be constructed and deployed more swiftly than other generation resources, and fill in resource gaps during the wait for other generation that requires a greater lead time to get on-line. We hope that the Commission will establish a workshop to address the advantages of encouraging available solar technology for ERCOT generation resources. A workshop will provide a forum for stakeholders and leaders in the solar industry to put forward viable solutions that can gain support from investors and consumers alike for mitigating resource adequacy concerns in ERCOT. I have a 4140W solar system installed on my residence because I understand the future need of energy in Texas.

The Commission has failed to give serious consideration to solar energy as a viable source of power to help meet maximum loads on the ERCOT grid. The simple fact is that production pattern of PV solar generation matches closely summer periods of maximum load in ERCOT. PV Solar is a cost-competitive resource that produces its maximum capacity on the same sunny afternoons that give rise to most of the maximum customer demand in ERCOT. These are the same hours that produce high temperatures and high humidity that force de-rating for many gas turbine generators. Moreover, solar generating resources can be built more quickly than other generation and do not suffer from potential fuel price increases, impact of water scarcity, or any carbon controls or taxes. Failure to provide every obvious opportunity to supply energy will intentionally harm the future of the state.

We hope that the Commission will establish a workshop to address the advantages of encouraging available solar technology for ERCOT generation resources. A workshop will provide a forum for stakeholders and leaders in the solar industry to put forward viable solutions that can gain support from investors and consumers alike for mitigating resource adequacy concerns in ERCOT.

WHEREFORE, ERIC NELSON respectfully prays that the commission set up a workshop under a separate docket involving solar resources.

Respectfully submitted,



By: _____