

**Senate Energy Committee**  
**Subject Matter Hearing Agenda**

**Thursday, October 28 at 10:00 a.m.**  
**James R. Thompson Center, Room 16-503**  
**100 West Randolph Street, Chicago, Illinois**

**Renewable Energy Technologies**

- Renewable Energy Technologies. A review of existing renewable technologies.
- Wind Pricing. A look at wind prices in Illinois and other states.
- Wind Turbines in Lake Michigan. An update on the challenges and benefits of installing wind turbines in Lake Michigan.
- Attracting Renewable Energy Technology Manufacturing Jobs. What measures can be implemented to attract manufacturing jobs in this State?
- Discuss DCEO grants and other grants available for renewable projects.
- “Go Green”. A discussion of the available “green power” offerings provided to customers by utilities and alternative retail electric suppliers (“ARES”).

**Renewable Generation and Energy Planning Issues**

- True Cost of Renewable Generation. Examination of all the costs associated with renewable generation to consumers.
- Electricity Procurement. Overview of the current procurement process in Illinois.
- Smart Grid. General overview of smart grid technology. Discussion of the rate structures necessary for smart grid implementation. Review the need for a statewide regulatory framework concerning smart grid deployment.
- Transmission Planning. A discussion of the adequacy of the current transmission system to supply customers in a safe and least-cost method.
- Net Metering. An update on the current net metering process and its effectiveness with a focus on future policies to enhance net metering deployment.

**Curbing Energy Demand**

- Energy Efficiency Measures. A review of the current measures that utilities are implementing to reduce customer energy consumption.
- Demand Response Measures. A review of the current measures that utilities are implementing to change customer consumption patterns.
- Real Time Pricing. An examination of the various pricing methods that could result in lower energy demand and the impact of such pricing on customers.
- Energy Storage Systems. A review of current systems that enable the storage of renewable energy for subsequent use.
- Plug-in Hybrid Electric Vehicles (“PHEV”). A look at the future of PHEVs.

**NOTE: Agenda topics, meeting times, and meeting locations are subject to change.**

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