

HB 298 Utility
Proceedings

Amendments

Battery Storage is a Game Changer!

- “No longer do we just have fossil fuel generation, but we have wind, solar and other renewables...and these are variable. The load side is more complex too, we have the load as before but we are beginning to have electric vehicles that are part of the load, we have rooftop PV, and everyone has a ton of electronics in their house. Therefore, we have a variable load and a variable generation, and transmission alone is not enough to link those. We now need storage which makes the linkage in real time.”

- Dr. Imre Gyuk, Director – U.S. Department of Energy’s Office of Electricity Energy Storage Program. July 8th, 2020 – Session 1, Energy Storage Introductions and Overviews

The Future is Battery Storage



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- “with every successful storage project that comes online the value propositions will become clearer and will continue to increase and simultaneously more jobs will be created. Energy storage should be in the tool box of every utility, and every state should support its regulation.”

– Dr. Imre Gyuk, Director – U.S. Department of Energy’s Office of Electricity Energy Storage Program. July 8th, 2020 – Session 1, Energy Storage Introductions and Overviews

Battery Storage is a Game Changer!

- “We have to realize that energy storage is not just palliative, here a patch, there a patch. Energy storage should be deployed all over the grid at variable sizes and various durations. And what we want to do is use storage to link generation and load into a dynamic structure that ultimately will encompass buildings and transportation as well.” –

-Dr. Imre Gyuk, Director – U.S. Department of Energy’s Office of Electricity Energy Storage Program. July 22nd, 2020
Session 3, Energy Storage Applications and Case Studies

Integrated Resource Plans



- An integrated resource plan is a roadmap that large utilities use to plan out generational acquisitions over five, 10, or 20 years (or more). Many utilities use integrated resource plans for coal, natural gas, and smart grid energy.
- IRPs ultimate purpose is to answer one question: How, as a utility, do we plan to meet future electricity needs? The IRP outlines the necessary actions to enable the utility to continue providing the public with electricity.

-Dr. Imre Gyuk, Director – U.S. Department of Energy’s Office of Electricity Energy Storage Program.

