

SUPPORT HB 895 / SB 448

Topic: Energy Storage Development: Improve Grid Reliability and Spur Economic Development
Bill Patron: Del. Sullivan, Sen. Bagby

OVERVIEW:

- **Increases energy storage procurement targets** from 3,100 MW to over 20,000 MW
 - 17,000 MW of short-duration (<10 hours of generation capacity)
 - 4,000 MW of long-duration (10+ hours of generation capacity)
- Asks the SCC to update storage regulations regularly and engage in PJM proceedings to **ensure regional markets support the viability of new storage resources**
- Directs Dep't of Energy to establish **advisory model ordinances incorporating fire safety standards**, including robust public stakeholder engagement and updated guidance every 3 years
- Directs Dep't of Energy to convene a workgroup to recommend **financial and other incentives** to spur long-duration energy storage development

REASONS TO SUPPORT:

- **What is energy storage?**
 - Technologies that enable excess energy to be stored and dispatched at a later time (e.g., batteries, dams, compressed air)
 - Short-duration and long-duration storage serve different purposes and have different economics
- Storage is critical to **providing reliable, dispatchable, clean power** to meet growing energy demand while **supporting the clean energy transition**
 - Improves reliability during **long-duration weather events** like Winter Storms Elliott or Blair
 - Maximizes utilization of renewables, providing **more clean energy** and **lower energy prices** while **reducing pressures on land use**
 - **Cheaper alternative to other grid-enhancing actions**, protecting ratepayers
- **Provides localities** with advisory model ordinances to make informed decisions regarding energy storage development
- Sends market signal that Virginia is open for storage deployment, **creating new jobs, economic development, and tax revenue** for localities and the Commonwealth



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