



HB 773 / SB 715

Energy Storage Study

Barriers Discussion

October 26, 2017



Barriers to Storage in MD

Based on PPRP discussions with stakeholders across the energy industry

- Costs
 - High capital costs / expensive financing
- Value
 - Inability to capture multiple revenue streams
- Education
 - Knowledge gaps about technologies and uses
 - Lack of first-hand experience with storage
- Rate Design
 - Low electricity/demand costs
- Evaluation Methods
 - Models omit storage / use outdated stats / only quantify some benefits
- Wind/Solar
 - Modest capacity to pair with storage
- Ownership
 - Lack of clarity regarding utility ownership/cost recovery



Stakeholder Priorities

Adapted from a 300-Stakeholder Survey by Massachusetts

POLICY ISSUES | RESOURCE PLANNING REFORM | VALUE PROPOSITION | DEPLOYMENT

- Allow Energy Storage to Capture Multiple Revenue Streams
- Allow Distributed Generators to Support System Capacity Needs
- Improve Financing and Cost
- Incentivize Non-Wires Alternatives
- Pilot Programs to Demonstrate New Business Models
- Streamline Interconnection Review Process
- Identify, Value, and Increase Data Availability on Locational Benefits and Constraints
- Address Value Proposition for Renewable Integration
- Coordinate Net Energy Metering (NEM) and Renewable Portfolio Standards (RPS)
- Coordinate Energy Storage Initiatives Between PJM States