VIRGINIA ENERGY PLAN

Roanoke Listening Session

July 30, 2018

Requirements of the Plan

- The Department of Mines, Minerals and Energy is responsible for preparing an Energy Plan covering a 10-year period.
- The Plan must be submitted to the Governor, the SCC Commissioners, and the General Assembly by October 1.
- The Plan is required to propose actions that are consistent with the Commonwealth's Energy Objectives (Va. Code § 67-101) and that will implement the Commonwealth's Energy Policy (Va. Code § 67-102).

Additional Requirements

Va. Code § 67-201 also requires the Energy Plan to include:

1. Projections of energy consumption;
2. Analysis of the adequacy of electricity generation, transmission, and distribution resources;
3. Analysis of siting requirements for generation, transition, and distribution resources;
4. Analysis of fuel diversity for electricity generation;
5. Analysis of efficient use of energy resources and conservation initiatives;
6. Analysis of how Virginia-specific issues relate to regional initiatives;
7. Analysis of whether there is a disproportionate adverse impact on economically disadvantaged or minority communities;
8. Analysis of the costs and benefits of federal regulation under § 111(d) of the Clean Air Act; and
9. Recommendations for legislative, regulatory, and other public and private actions.

Overview of Stakeholder Engagement

1. Stakeholder Process Updates
2. Written Comment Period
3. Listening Sessions
4. Stakeholder Tracks

Stakeholder Process Updates

- Visit: https://www.dmme.virginia.gov/DE/VirginiaEnergyPlan.shml
- Follow Us:

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Written Comment Process

- 60-day public comment period began on June 25 and ends on August 24.
- Written comments may be submitted on DMME's "Virginia Energy Plan" web page: https://www.dmme.virginia.gov/DE/VirginiaEnergyPlan.shml

Listening Session Process

- Listening Session Dates:
  - June 25, 2018 in Richmond
    - Stakeholder Kickoff Meeting and Public Listening Session
  - July 23, 2018 in Richmond
    - Solar Energy Development & Energy Storage Authority Meeting and Public Listening session
  - July 25, 2018 in Newport News
    - Offshore Wind Energy Stakeholder Meeting and Public Listening Session
  - July 30, 2018 in Roanoke
    - Public Listening Session
  - July 31, 2018 in Abingdon
    - Public Listening Session
  - August 16, 2018 in Fairfax
    - Public Listening Session

Stakeholder Tracks

1. Solar and Wind Resources
2. Energy Efficiency
3. Electric Vehicles and Advanced Transportation
4. Storage
5. Offshore Wind

Solar and Wind Resources - Process

- Current Ongoing Stakeholder Work:
  - Rubin Group
  - Requirements under Senate Bill 966
  - Solar Energy Development and Energy Storage Authority
- Facilitation Structure:
  - Focus on the same core issues as SB966
    - Net metering
    - Community solar
    - Corporate clean energy procurement
    - Siting of new projects
  - Facilitator: Meridian Institute
- Meeting Dates:
  - July 10, 2018 kickoff meeting in Richmond
  - August 22/28, 2018 public forum in Richmond

Energy Efficiency - Process

- Current Ongoing Stakeholder Work:
  - Governor's Executive Committee on Energy Efficiency
  - Requirements under Senate Bill 966
- Facilitation Structure:
  - Focus on:
    - Achieving Virginia's 10% energy conservation target
    - Lead by example strategies
    - Financing
    - Program design for DMME-funded programs
  - Facilitator: Regulatory Assistance Project
- Meeting Dates:
  - June 25, 2018 in Richmond
  - July 18, 2018 in Richmond and via video conference
  - August 1, 2018 in Richmond and via video conference

Offshore Wind - Background

- Recommendations:
  - DMME and DEQ should use full authorities to develop the 113,000 acre Virginia Wind Energy Area
  - Pursue Federal opportunities to develop offshore wind beyond Virginia Wind Energy Area
  - Establish Virginia as an ideal manufacturing, operational and supply chain hub
  - Successfully assess wind industry supply chain and publicize Virginia's assets
  - Virginia should engage with developers and supply chain to create a timeline for port upgrades

Offshore Wind - Process

- Current Ongoing Work:
  - Two-turbine 12MW Dominion/Orsted project slated for 2020 construction
  - Dominion 2000MW commercial development plan tracking BOEM approval 2022-2023
  - DMME RFP to develop strategies to strengthen Virginia's position in attracting the offshore wind supply chain and service industry
    - Workforce Development
    - Business Incentives/Business Climate
    - Partnerships (Supply Chain)
- Meeting Date:
  - July 25, 2018 in Newport News

Electric Vehicles - Process

- Facilitation Structure:
  - Focus on:
    - Electric vehicle infrastructure deployment
    - Strategies to expand electric vehicle adoption
    - Integration of emerging technologies
    - Additional advanced transportation policies
  - Facilitator: Regulatory Assistance Project
- Meeting Dates:
  - July 18, 2018 in Richmond and via video conference
  - August 1, 2018 in Richmond and via video conference

Energy Storage

- Current Ongoing Stakeholder Work:
  - Virginia Solar Energy Development and Energy Storage Authority
    - VSEDA mission expanded in 2017 to include energy storage
- Energy Storage Study:
  - 2018 State Budget Item 117-C includes funding for 2-year study
    - VSEDA and DMME to *"Conduct a study to determine whether or not future legislation in the form of regulatory reforms and incentives will prove fruitful in encouraging emerging energy storage capacity in the Commonwealth"*
  - RFI under development to help inform content of the study
- Meeting Date:
  - July 23, 2018 in Richmond

Stakeholder Process Updates

- For information about the full stakeholder engagement process, visit the 2018 Virginia Energy Plan web page at: https://www.dmme.virginia.gov/DE/VirginiaEnergyPlan.shml

- Follow us online for updates:

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