

VIRGINIA NUCLEAR ENERGY CONSORTIUM

VNECA Meeting

Richmond, VA

March 4, 2020

SUMMIT

Priorities from the Summit

- Nuclear is clean
 - Governor Northam signed Executive Order 43 to mandate 100 percent of Virginia’s electricity will be produced from carbon-free sources “such as wind, solar and nuclear”* by 2050.
 - Currently, there is not a “clean energy” or “carbon-free energy” standard in the Code, despite it being in Virginia’s best interest to move toward energy sources with zero carbon emissions.
- Nuclear is innovation
 - Prioritize Nuclear Energy
 - Identification of opportunities to attract next-generation nuclear technologies to the Commonwealth
 - Establish a research center
 - Identify and promote current infrastructure
 - Identify Research & Development opportunities for Virginia’s academic institutions
- Nuclear is jobs & opportunity
 - Work with the state to develop programs to support innovation in the nuclear industry and to promote education in fields that meet the future workforce demands of the nuclear industry
 - Including manufacturing, nuclear medicine, energy production, and defense applications.

* Governor Northam’s press release touting the Executive Order specifically recognized nuclear as a carbon-free source.

LEGISLATURE

Status of Legislature

- [SJ 60](#) - **Nuclear energy; advancement of nuclear energy research & exploration of economic opportunities**
 - *Passed* both the House and Senate.
- [SB 828](#) - **Carbon-free energy and clean energy; definition**
 - *Passed* both the House and Senate. Now the bill is headed to the Governor.
- [SB 817](#) - **Nuclear energy; considered a clean energy source**
 - *Passed* both the House and Senate. Now the bill is headed to the Governor.
- [SB 549](#) - **Nuclear energy; strategic plan for overall goal of carbon-free energy**
 - *Passed* both the House and Senate with the agreed to substitute (the House version). The bill is headed to the Governor.
- [HB 1303](#) - **Nuclear energy; strategic plan for overall goal of carbon-free energy**
 - *Passed* the House and Senate Commerce and Labor committee. This bill is identical to SB 549 and should not be an issue in the Senate.

NUCLEAR ENERGY STRATEGIC PLAN

Overview

- Established by Legislation passed in February
- Three elements the plan should include:
 1. Promotion of new technologies and opportunities for innovation; including advanced manufacturing;
 2. Establishment of a collaborative research center and university leadership program to promote education in fields that meet the workforce demands of Virginia's nuclear industry;
 3. Recognition of the role of nuclear energy in the Commonwealth's goal of employing 100 percent carbon-free sources of energy by 2050
- Report due October 1, 2020 and shall be updated every four years

Key Elements of Activity

- Develop Two Task Forces around elements 1 & 2 – Led by VNEC
 - Task Force 1 - Commercial development plan
 - Task Force 2 – R&D/Education plan
- Input from additional stakeholders
- Oversight and Advice from VNECA

Participants

- VNEC – Task Force Coordination
- VEDP – Co-Sponsor
- VNECA – Advisory Group
- DMME – Logistical Support
- Additional Stakeholders – Non-VNEC academic organizations, VA Chamber, Manufacturers, etc.

Timeline

March	<ul style="list-style-type: none">- Plan Kick-Off Meeting<ul style="list-style-type: none">- Set Task Force 1 & 2- Timeline for Mtgs & Deliverables	March 4 VNECA Meeting
April	<ul style="list-style-type: none">- Task Force Meetings- Stakeholder Identification	
May	<ul style="list-style-type: none">- Stakeholder Meeting<ul style="list-style-type: none">- Briefing on Initial Plan Outline- Breakout sessions around Task Force Topics	
June	<ul style="list-style-type: none">- Task Force Reports- VNECA Update and Input	VNECA Meeting
July	<ul style="list-style-type: none">- Draft Plan	
Aug/Sept	<ul style="list-style-type: none">- Final Draft Plan- VNECA Review and Vote of Approval	VNECA Meeting
Oct 1	<ul style="list-style-type: none">- Plan Submittal	