

Appendix B: Preliminary Hierarchy of Standards

Coastal Virginia Offshore Wind Commercial Project



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CONSTRUCTION AND OPERATIONS PLAN

Coastal Virginia Offshore Wind Commercial Project

Appendix B

Preliminary Hierarchy of Standards

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Submitted December 2020

APPENDIX B PRELIMINARY HIERACHY OF STANDARDS

Dominion Energy has engaged their nominated Certified Verification Agent (CVA) and is currently working through details toward a CVA approved Hierarchy of Codes and Standards. Dominion Energy's intent is to finalize this as an independent, but parallel effort to the COP in a separate submittal to the Bureau of Ocean Energy Management (BOEM). Dominion Energy Anticipates that the Hierarchy of Codes and Standards will be submitted to BOEM by June 2021.

A team of Professional Engineers (PE) registered in the US, who specialize in offshore platform design and the local electrical grid system, are engaged in the effort. The overall lead PE will place his seal on the hierarchy document that is submitted to BOEM.

Dominion Energy's Hierarchy of Codes and Standards document will include the following US Regulatory Requirements at the very top of the hierarchy:

- 30 CFR 585 and Lease requirements
- 29 CFR 1910, Occupational Safety and Health Standards
- 29 CFR 1926, Safety and Health Regulations for Construction
- 33 CFR, Navigation and Navigable Waters
- NERC Reliability Standard FAC-001 (for offshore substations)

The next level in the hierarchy will include the following American Wind Energy Association (AWEA) Recommended Practices, BOEM Guidelines and may include necessary grid interconnection requirements:

- AWEA OCRP 2012, Recommended Practices for Design, Deployment, and Operation of Offshore Wind Farms in the United States
- BOEM Information Guidelines for a Renewable Energy Construction and Operations Plan (COP), Version 4.0, May 27, 2020

Dominion Energy is still finalizing and justifying project specific codes, standards and recommended practices and their appropriate order of precedence, all of which will all fall beneath the above two hierarchy categories.