

**STATE OF VERMONT  
PUBLIC UTILITY COMMISSION**

Case No. \_\_\_\_\_

Petition of Vermont Transco LLC and Vermont Electric Power Company, Inc. (collectively, “VELCO”), for a Certificate of Public Good pursuant to 30 V.S.A. § 248(j) authorizing upgrades to VELCO’s existing Irasburg Substation, located in Irasburg, Vermont	
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**PUC RULE 5.402(C)(1)(e) INDEX**

<b>Criteria</b>	<b>Testimony &amp; Exhibits</b>
30 V.S.A. § 248(b)(1) - Orderly Development of the Region	Poulin at p. 14-15; Exh. Pet. DAP-5
30 V.S.A. § 248(b)(2) - Need	Poulin at p. 15-16; McGann at p. 3-4
30 V.S.A. § 248(b)(3) - System Stability and Reliability	Poulin at p. 16
30 V.S.A. § 248(b)(4) - Economic Benefit	Poulin at p. 16
30 V.S.A. § 248(b)(5) – Aesthetics, historic sites, water purity, natural environment, use of natural resources, public health and safety, primary agricultural soils, greenhouse gas impacts	Poulin at p. 17-19; Exh. Pet. DAP-6; Exh. Pet. DAP-7; McMillan at p. 4-19; Exh. Pet. AM-2; Exh. Pet. AM-3; Exh. Pet. AM-4; Exh. Pet. AM-5; Exh. Pet. AM-6
10 V.S.A. § 6086(a)(1) - Water and Air Pollution	McMillan at p.6-8
10 V.S.A. § 6086(a)(1)(A) - Headwaters	McMillan at p. 8-9; Exh. Pet. AM-3
10 V.S.A. § 6086(a)(1)(B) - Waste Disposal	McMillan at p. 9-10; Exh. Pet. AM-3
10 V.S.A. § 6086(a)(1)(C) - Water Conservation	McMillan at p. 11; Exh. Pet. AM-3
10 V.S.A. § 6086(a)(1)(D) - Floodways	McMillan at p. 11; Exh. Pet. AM-3
10 V.S.A. § 6086(a)(1)(E) - Streams	McMillan at p. 12-13; Exh. Pet. AM-3
10 V.S.A. § 6086(a)(1)(F) - Shorelines	McMillan at p. 13; Exh. Pet. AM-3
10 V.S.A. § 6086(a)(1)(G) - Wetlands	McMillan at p. 13-14; Exh. Pet. AM-3
10 V.S.A. § 6086(a)(2) and (3) – Water Supply	McMillan at p. 11; Exh. Pet. AM-3
10 V.S.A. § 6086(a)(4) - Soil Erosion	McMillan at p. 14; Exh. Pet. AM-3
10 V.S.A. § 6086(a)(5) - Transportation Systems/Traffic	Poulin at p. 19
10 V.S.A. § 6086(a)(6) - Educational Services	Poulin at p. 19-20
10 V.S.A. § 6086(a)(7) - Municipal Services	Poulin at p. 19-20
10 V.S.A. § 6086(a)(8) - Historic Sites	McMillan at p. 4-5; Exh. Pet. AM-2
10 V.S.A. § 6086(a)(8) – Aesthetics	Poulin at p. 18; Exh. Pet. DAP-7
10 V.S.A. § 6086(a)(8) – Rare and Irreplaceable Natural Areas	McMillan at p. 14-16; Exh. Pet. AM-3

10 V.S.A. § 6086(a)(8)(A) - Wildlife Habitat and Endangered Species	McMillan at p. 14-16; Exh. Pet. AM-3
10 V.S.A. § 6086(a)(9)(K) - Public Investments	Poulin at p. 20
30 V.S.A. § 248(b)(5) - Primary Agricultural Soils	McMillan at p. 18-19; Exh. Pet. AM-3
30 V.S.A. § 248(b)(5) – Greenhouse Gas Emissions	McMillan at p. 16-17; Exh. Pet. AM-5
30 V.S.A. § 248(b)(6) - Consistent with Approved Least Cost Integrated Plan	Poulin at p. 20-21
30 V.S.A. § 248(b)(7) - Compliance with the DPS Electric Plan	Poulin at p. 21
30 V.S.A. § 248(b)(8) - Outstanding Resource Waters	McMillan at p. 6; Exh. Pet. AM-3
30 V.S.A. § 248(b)(10) - Impact on Vermont Utilities and Customers	Poulin at p. 22