

**STATE OF VERMONT
PUBLIC UTILITY COMMISSION**

Case No. 26-__-PET

Petition of Green Mountain Power for a Certificate of Public Good, pursuant to 30 V.S.A. § 248, authorizing the rebuild of the Georgia Substation located at 2066 Ballard Road in the Town of Georgia, Vermont	
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PUC RULE 5.403(A)(16) INDEX

Criteria	Testimony & Exhibits
30 V.S.A. § 248(b)(1) – Orderly Development of the Region	Crary pf. at 4-5; Exhibit GMP-AC-5 (Aesthetics Assessment Report) , Appendix E
30 V.S.A. § 248(b)(2) – Need	Hassan pf. at 4-9
30 V.S.A. § 248(b)(3) – System Stability and Reliability	Hassan pf. at 10
30 V.S.A. § 248(b)(4) – Economic Benefit	Hassan pf. at 10
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	Fiske pf. at 14; Crary pf. at 6-19; Exhibits GMP-AC-2 (Natural Resources Assessment Memorandum), GMP-AC-3 (Summary of Archaeology Studies), GMP-AC-4 (VHB Sound Assessment), GMP-AC-5
10 V.S.A. § 6086(a)(1) – Water and Air Pollution (including noise)	Crary pf. at 6-8; Exhibit GMP-AC-4
10 V.S.A. § 6086(a)(1)(A) – Headwaters	Crary pf. at 8-9; Exhibit GMP-AC-2, at 3-4
10 V.S.A. § 6086(a)(1)(B) – Waste Disposal	Crary pf. at 9-10
10 V.S.A. § 6086(a)(1)(C) – Water Conservation	Crary pf. at 10
10 V.S.A. § 6086(a)(1)(D) – Floodways	Crary pf. at 10; Exhibit GMP-AC-2, Att. 2
10 V.S.A. § 6086(a)(1)(E) – Streams	Crary pf. at 11-12; Exhibit GMP-AC-2, at 4
10 V.S.A. § 6086(a)(1)(F) – Shorelines	Crary pf. at 12; Exhibit GMP-AC-2, Att. 2
10 V.S.A. § 6086(a)(1)(G) – Wetlands	Crary pf. at 12-13; Exhibit GMP-AC-2, at 4-5
10 V.S.A. § 6086(a)(2) and (3) – Water Supply	Crary pf. at 13
10 V.S.A. § 6086(a)(4) – Soil Erosion	Crary pf. at 13-14
10 V.S.A. § 6086(a)(5) – Transportation Systems/Traffic	Crary pf. at 14
10 V.S.A. § 6086(a)(6) – Educational Services	Crary pf. at 14

10 V.S.A. § 6086(a)(7) – Municipal Services	Crary pf. at 14
10 V.S.A. § 6086(a)(8) – Historic Sites	Crary pf. at 15-16; Exhibit GMP-AC-3
10 V.S.A. § 6086(a)(8) – Aesthetics	Crary pf. at 15; Exhibit GMP-AC-5
10 V.S.A. § 6086(a)(8) – Rare and Irreplaceable Natural Areas	Crary pf. at 17; Exhibit GMP-AC-2, Att. 2
10 V.S.A. § 6086(a)(8)(A) – Wildlife Habitat and Endangered Species	Crary pf. at 17-18; Exhibit GMP-AC-2, at 4-6
10 V.S.A. § 6086(a)(9)(K) – Public Investments	Crary pf. at 18
30 V.S.A. § 248(b)(5) – Primary Agricultural Soils	Crary pf. at 19; Exhibit GMP-AC-2, Att. 8
30 V.S.A. § 248(b)(5) – Greenhouse Gas Emissions	Crary pf. at 18
30 V.S.A. § 248(b)(6) – Consistent with Approved Least Cost Integrated Plan	Hassan pf. at 10-11
30 V.S.A. § 248(b)(7) – Compliance with the Vermont Electric Plan	Hassan pf. at 11
30 V.S.A. § 248(b)(8) – Outstanding Resource Waters	Crary pf. at 19
30 V.S.A. § 248(b)(10) – Impact on Vermont Utilities and Customers	Hassan pf. at 12
PUC Rules 5.403(A)(3) and 5.403(A)(20) summary of comments to 45-day notice, and community outreach	Hassan pf. at 13
PUC Rule 5.403(A)(7)(b) – project boundaries and distance to nearby residences and structures	Exhibit GMP JRF-3 (Site Plan) shows property boundaries. Exhibit GMP-AC-4, at 7-8, shows residences closest to substation with distances calculable per scale, and Exhibit GMP-AC-5, at 5, notes residence distances from Project.
PUC Rule 5.403(A)(7)(e) – scope of soil disturbance;	Exhibit GMP-AC-2, at 2
PUC Rule 5.403(A)(7)(f) – existing natural and constructed features (including but not limited to water bodies and wetlands and associated buffer zones, tree lines, primary agricultural soils, buildings, and roads);	Exhibit GMP-AC-2, Attachments 1 and 8
PUC Rule 5.403(A)(7)(g) a depiction of any area(s) where vegetation is to be cleared or altered, including the limits of disturbance and the total acreage of any disturbed area	Exhibit GMP JRF-3 (Site Plan) shows clearing limits. Crary pf. at 11-12, 17, provides acreage of tree/brush removal.
PUC Rule 5.403(A)(7)(h) – locations of proposed fencing, exterior lighting, signs and aesthetic mitigation measures such as berms and landscape plantings	Exhibit GMP JRF-3 (Site Plan) shows locations of proposed fencing, exterior lighting. Exhibit GMP-AC-5, Appendix C contains the proposed landscape mitigation plan
PUC Rule 5.403(A)(7)(i) the latitude and longitude coordinates at the center of the proposed project site;	Exhibit GMP-AC-2, Attachment 1
PUC Rules 5.403(A)(10) and (A)(13)(d) documentation showing existing and proposed conditions and the height of project features in relation to existing buildings, vegetation, and tree tops	Exhibit GMP-AC-5, Appendix D