

East Avenue Loop Project: REVISED Index to Petition, July 6, 2007

NO.	SPONSORING WITNESS	SUMMARY OF TESTIMONY	248/250 CRITERIA	EXHIBIT NO.	EXHIBIT NAME
1	Dean LaForest	Overview / VELCO Need / IRP	30 V.S.A. § 248(b)(2) 30 V.S.A. § 248(b)(3) 30 V.S.A. § 248(b)(4) 10 V.S.A. § 6086(a)(8) 30 V.S.A. § 248(b)(6)	PET 1.1	Resumé of Dean LaForest
				PET 1.2	Electrical System Geographic One-Line
				PET 1.3	VELCO 2006 Long Range Plan (Excerpts)
				PET 1.4	Chittenden County West Planning Study Report Vol. I
				PET 1.5	Chittenden County West Planning Study Report Vol. II

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2	Munir K. Kasti	BED Need / Impact on BED System / IRP	30 V.S.A. § 248(b)(2) 30 V.S.A. § 248(b)(3) 30 V.S.A. § 248(b)(6)	PET 2.1	Resumé of Munir K. Kasti
				PET 2.2	34.5 kV Circuit Routing
				PET 2.3	New Haven to Queen City 115 kV Line drawing # L050-33
				PET 2.4	East Avenue Line Removal Diagram
				PET 2.5	Cost Allocation Agreement between Burlington Electric Department and Green Mountain Power Corporation
				PET 2.6	BED's 2004 IRP
3	Terry Cecchini	Green Mountain Power Need / Impact on System / IRP	30 V.S.A. § 248(b)(1) 30 V.S.A. § 248(b)(2) 30 V.S.A. § 248(b)(3) 30 V.S.A. § 248(b)(6)	PET 3.1	Non-Societal Cost Review
				PET 3.2	Green Mountain Power's 2003 IRP (Excerpts)

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4	Hantz Presume	Impacts on System / Reliability	30 V.S.A. § 248(b)(3) 30 V.S.A. § 248(b)(10)	PET 4.1	Resumé of Hantz Presume
				PET 4.2	ISO- New England Reliability Committee Letter
				PET 4.3	Text of NEPOOL Steady State Report
5	Ken Nolan	Generation / Demand Response / Non-Transmission Alternatives	30 V.S.A. § 248(b)(2)	PET 5.1	Resumé of Ken Nolan
				PET 5.2	Historic Load Data
				PET 5.3	Peak Load Growth to Statewide Growth
				PET 5.4	Addendum #1 to Economic Evaluation of Generation Alternative to Transmission Upgrade Proposal
				PET 5.5	Generation (NTA) Analysis
				PET 5.6	Page 40 of MOU, Docket No. 7081

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6	David Grimason	Demand Side Management	30 V.S.A. § 248(b)(2)	PET 6.1	Resumé of David Grimason
7	Jerry Ostrander Munir Kasti Howard Bergendahl	Cost Estimate and Archeology-Related Costs	30 V.S.A. § 248(b)(4) 10 V.S.A. § 6086(a)(8)	PET 7.1	Resumé of Jerry Ostrander
				PET 7.2	Cost Estimate Report
8	David Ertz Brad Fossum John Askew Mike Barrett	Project Description / Design / Construction Schedule	30 V.S.A. § 248(b)(2) 30 V.S.A. § 248(b)(3) 10 V.S.A. § 6081(a)(1) 10 V.S.A. § 6086(a)(1)(B) 10 V.S.A. § 6086(a)(8) PSB Rule 5.402(C)(1)(a) PSB Rule 5.402(C)(1)(b) PSB Rule 5.402(C)(1)(c)	PET 8.1	Resource Orthophotos
				PET 8.1.1	Revised Resource Orthophotos (7/6/07)
				PET 8.2.1	Resumé of Brad Fossum
				PET 8.2.2	Plan and Profile: 115 kV Line
				PET 8.2.3	Pole Structure Types: 115 kV Line
				PET 8.2.4	Comparative Structure Heights Above Grade: 115 kV Line

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8	David Ertz Brad Fossum John Askew Mike Barrett (Continued)	Project Description / Design / Construction Schedule	30 V.S.A. § 248(b)(2) 30 V.S.A. § 248(b)(3) 10 V.S.A. § 6081(a)(1) 10 V.S.A. § 6086(a)(1)(B) 10 V.S.A. § 6086(a)(8) PSB Rule 5.402(C)(1)(a) PSB Rule 5.402(C)(1)(b) PSB Rule 5.402(C)(1)(c)	PET 8.2.5	Structure Details: 115 kV Line
				PET 8.3.1	Resumé of Mike Barrett
				PET 8.3.2	Plan and Profile: East Avenue Substation
				PET 8.3.3	Landscape Mitigation Plan: East Avenue Substation, and Lighting Schematics
				PET 8.4.1	Plan and Profile: Riverside to Colchester Avenue, 34.5 kV Line
				PET 8.4.2	Plan and Profile: Intervale Road, 34.5 kV Line
				PET 8.4.3	Plan and Profile: Queen City Steel, 34.5 kV Line
				PET 8.4.4	Plan and Profile: McNeil Substation, 34.5 kV Line
				PET 8.4.5	Comparative Structure Heights Above Ground: 34.5 kV Line

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8	David Ertz Brad Fossum John Askew Mike Barrett (Continued)	Project Description / Design / Construction Schedule	30 V.S.A. § 248(b)(2) 30 V.S.A. § 248(b)(3) 10 V.S.A. § 6081(a)(1) 10 V.S.A. § 6086(a)(1)(B) 10 V.S.A. § 6086(a)(8) PSB Rule 5.402(C)(1)(a) PSB Rule 5.402(C)(1)(b) PSB Rule 5.402(C)(1)(c)	PET 8.4.6	Structure Heights and Framing Type: 34.5 kV Line
				PET 8.4.7	Pole Details: 34.5 kV Line
				PET 8.5.1	Plan and Profile: McNeil Substation
				PET 8.5.2	Plan and Profile: McNeil Substation
				PET 8.5.3	Plan and Profile: McNeil Substation
				PET 8.5.4	Plan and Profile: McNeil Substation
				PET 8.5.5	Plan and Profile: McNeil Substation
				PET 8.6.1	Waterfront Circuit Removals

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9	Mike Buscher	Aesthetics	10 V.S.A. § 6086(a)(8) 10 V.S.A. § 6086(a)(9)(K) PSB Rule 5.402(C)(1)(c)	PET 9.1	Resumé of Mike Buscher
				PET 9.2	Visual Report
				PET 9.3	Pictures of Existing Sites (CD)
				PET 9.4	Three Dimensional GIS Modeling (DVD)
10	Jeffery Nelson and Daniel Prasch	Environmental / Natural Resources	10 V.S.A. § 1424(a)(d) 10 V.S.A. § 6086(a)(1)(A) 10 V.S.A. § 6086(a)(1)(B) 10 V.S.A. § 6086(a)(1)(D) 10 V.S.A. § 6086(a)(1)(E) 10 V.S.A. § 6086(a)(1)(F) 10 V.S.A. § 6086(a)(1)(G) 10 V.S.A. § 6086(a)(4) 10 V.S.A. § 6086(a)(8) 10 V.S.A. § 6086(a)(8)(A) 30 V.S.A. § 248(b)(8)	PET 10.1	Natural Resources Report (Pioneer Environmental Associates, LLC)
				PET 10.2	Resumé of Jeffrey A. Nelson
				PET 10.3	Resumé of Daniel J. Prasch
				PET 10.4	Watershed Map
				PET 10.5	Supplemental Environmental Report (7/6/07)

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11	Jeffrey Disorda	Vegetation Management	30 V.S.A. § 248(b)(3) 10 V.S.A. § 6086(1)(B) 10 V.S.A. § 6086(a)(1)(E) 10 V.S.A. § 6086(1)(F) 10 V.S.A. § 6086(1)(G) 10 V.S.A. § 6086(a)(9)(K)	PET 11.1	Resumé of Jeff Disorda
				PET 11.2	NERC Standard
				PET 11.3	ANSI Standard
				PET 11.4	VELCO Vegetation Practices
12	Scott Mallory	Orderly Development / Public Outreach / Economic Benefit	30 V.S.A. § 248(b)(1) 30 V.S.A. § 248(b)(4) PSB Rule 5.402(B)	PET 12.1	Resumé of Scott S. Mallory
				PET 12.2	Initial Stakeholder Meeting Invitation Letter
				PET 12.3	Summary Notes for First Stakeholder Meeting
				PET 12.4	List of Attendees and Comments from First Open House
				PET 12.5	Timeline for Stakeholder / Public Participation

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12	Scott Mallory (Continued)	Orderly Development / Public Outreach / Economic Benefit	30 V.S.A. § 248(b)(1) 30 V.S.A. § 248(b)(4)	PET 12.6	Third Stakeholder Meeting Presentation
				PET 12.7	Question and Answer from NPA Ward 1
				PET 12.8	Town of Williston Comprehensive Plan 2006 (excerpts)
				PET 12.9	City of South Burlington 2001 Comprehensive Plan (excerpts) and related documents
				PET 12.10	Colchester Master Plan (excerpts)
				PET 12.11	City of Winooski, Vermont Municipal Development Plan (excerpts)
				PET 12.12	2006 Burlington Municipal Development Plan (excerpts) and related documents
				PET 12.13	Resolution of Burlington City Council re: Waterfront Lines
				PET 12.14	Chittenden County Regional Plan (excerpts)

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12	Scott Mallory (Continued)	Orderly Development / Public Outreach / Economic Benefit	30 V.S.A. § 248(b)(1) 30 V.S.A. § 248(b)(4)	PET 12.15	Winooski Valley Park District Plan
				PET 12.16	Notice List (Adjoining Property Owners List and Grand List Certifications)
				PET 12.16.1	Updated Notice List (7/6/07)
				PET 12.17	Letters in Support of Project (7/6/07)
13	Hugh Henry and Michael Buscher	Historic Properties	10 V.S.A. § 6086(a)(8)	PET 13.1	Resumé of Hugh Henry
				PET 13.2	Final Report -- Historic Properties Report
				PET 13.3	City of Burlington Planning Commission Letter
14	Deborah Cox	Archeology	10 V.S.A. § 6086(a)(8)	PET 14.1	Resumé of Deborah Cox

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15	Dr. Hope Luhman	Archeology	10 V.S.A. § 6086(a)(8)	PET 15.1	Resumé of Hope Luhman
				PET 15.2.1	Archeological Resource Assessment and Scope of Work Pt. 1
				PET 15.2.2	Archeological Resource Assessment and Scope of Work Pt. 2
16	Dr. Peter Valberg	Electric and Magnetic Fields	10 V.S.A. § 6086(a)(1) 10 V.S.A. § 6086(a)(9)(K)	PET 16.1	Resumé of Peter Valberg, Ph.D.
				PET 16.2	List of testimony provided to regulatory boards on the issue of EMF health effects.
				PET 16.3	Report entitled: "Update on Scientific Research Regarding Potential Health Effects of Power-Line Electric and Magnetic Fields (EMF)"

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17	Kenneth H. Kaliski	Noise	10 V.S.A. § 6086(a)(1)	PET 17.1	Resumé of Kenneth H. Kaliski, P.E.
				PET 17.2	A Noise Primer
				PET 17.3	Noise Analysis: East Avenue and McNeil
				PET 17.4	East Avenue Substation Supplemental Analysis Report
18	David Ertz	Transportation Infrastructure and Systems	10 V.S.A. 6086(a)(5)	PET 18.1	Resumé of David Ertz
				PET 18.2	FAA Case Summary
				PET 18.3	Letter from United States Coast Guard dated 29 January 2007

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19	John Stamatov	Construction Impacts	10 V.S.A. § 6086(a)(1) 10 V.S.A. § 6086(a)(1)(B)	PET 19.1	Resumé of John Stamatov
			10 V.S.A. § 6086(a)(1)(C) 10 V.S.A. § 6086(a)(2) 10 V.S.A. § 6086(a)(4)	PET 19.2	VELCO Best Practices for Construction Access
			10 V.S.A. § 6086(a)(5) 10 V.S.A. § 6086(a)(6) 10 V.S.A. § 6086(a)(7) 10 V.S.A. § 6086(a)(8)	PET 19.3	Proposed Construction Access Paths
			10 V.S.A. § 6086(a)(8)(A) 10 V.S.A. § 6086(a)(9)(K)	PET 19.4	Oil Containment System
20	Scott Mallory Kenneth Nolan Hantz Presume Terry Cecchini	Vermont Electric Plan	30 V.S.A. § 248(b)(7) PSB Rule 5.404(C)	PET 20	2005 Vermont Electric Plan Consistency

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