

Project Count	Construction Summary w/End Date CY w/Balances	Matt In Service Date	Total Project	Retirements	Sufficient Financial Analysis	Company Comments to Alternatives & Cost	Adjustment
<b>Communications</b>							
1	148580: 2017 Security Cameras OH	Apr 2017	22,435		No		(22,435)
2	148581: 2017 Sec Cameras Chit Dam	May 2017	14,292		No	No options	(14,292)
3	148919: IP Camera System Enhancements	Jun 2017	59,341		No		(59,341)
4	153486: 2018 OC3 Node Replacement	Aug 2018	120,635		No	Could do nothing	(120,635)
			<u>216,702</u>				<u>(216,702)</u>
<b>Computer Hardware</b>							
1	148522: 2017 Server Replacement	Mar 2017	145,972		No	Do nothing is not an option	(145,972)
2	148517: 2017 SCADA DMZ Server Rplmt	May 2017	35,213		No	2 options nothing or replace	(35,213)
3	148516: 2017 Radio Infrastruct Upgrade	Jun 2017	234,551		No	Alternative not considered	(234,551)
4	148513: 2017 Portable Radios	Jul 2017	73,665		No	Could do nothing	(73,665)
5	151622: SCADA Servers Wkstation Rep	Jul 2017	291,982		No	2 options nothing or replace	(291,982)
6	153503: 2017 Ent Storage Infrastructur	Jul 2017	774,828		No	2 options maintain or replace	(774,828)
7	153500: 2017 Security Cameras - St A	Aug 2017	20,539		No	Do nothing is not an option	(20,539)
8	153501: 2017 Security Cameras - WR	Aug 2017	20,539		No	Do nothing is not prudent	(20,539)
9	148519: 2017 SCADA Network IDS	Sep 2017	253,864		No	Other alternatives considered	(253,864)
10	148524: 2017 Technology Refresh	Sep 2017	524,134		No	Do nothing is not an option	(524,134)
11	148493: 2017 ISO NE RTU	Oct 2017	162,508		?	Only option	(162,508)
12	148475: 2017 Cell Amp Sys P & S	Nov 2017	113,923		No	Multiple system options	(113,923)
13	148511: 2017 Plant Networking	Nov 2017	106,087		?	No other mfrs considered	(106,087)
14	148512: 2017 Plant Wireless Network	Nov 2017	35,053		No	Looked at multiple options	(35,053)
15	148551: 2017 Digital Fault Recorders	Nov 2017	44,725		?	Primary trans provider uses	(44,725)
16	152049: 2017 GATEKEEPER CONVERSION	Nov 2017	370,969		No	Nothing else considered	(370,969)
17	153493: 2017 Firewall Hardware Rep	Jan 2018	153,664		No	Do nothing is not prudent	(153,664)
18	153491: 2018 MDM Stor & Compt Infra	Feb 2018	331,034		No	Another option considered	(331,034)
19	153502: 2018 Server Upgrades	Mar 2018	281,858		No	Do nothing is not an option	(281,858)
20	153492: 2017 Enterprise Video Conf Sys	Apr 2018	276,047		No	Could based considered	(276,047)
21	153620: 2018 Cellular Amp Sys P&S	Jul 2018	111,615		No	Other options higher	(111,615)
22	153504: 2018 Technolgy Refresh	Aug 2018	259,603		No	Do nothing is not prudent	(259,603)
23	153487: 2018 Core Network Capacity	Sep 2018	22,242		No	Alternative not considered	(22,242)
24	153495: 2018 Network Switch Rep	Nov 2018	339,799		No	No other options considered	(339,799)
25	153498: 2018 Gen Plant Wireless Syst	Nov 2018	50,517		No	Looked at other systems	(50,517)
	148494: 2017 IT Blanket	Oct 2017	326,340		No		(326,340)
	153494: 2018 IT Blanket	Dec 2018	330,322		No		(330,322)
			<u>5,691,594</u>				<u>(5,691,594)</u>

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<b>Computer Software</b>							
1	143666: Website Refresh 2016	Apr 2017	534,969		No	There is no viable alternative	(534,969)
2	148576: 2017 Print Server Upgrade	Apr 2017	14,050		No	Are alternatives	(14,050)
3	143208: Zeacom Upgrade	May 2017	132,907		No	We evaluated an option	(132,907)
4	148495: 2017 Logsheets Enhancements	May 2017	37,267		No	Do nothing is alternative	(37,267)
5	143658: Bi Tech Upgrade 2016	Jun 2017	472,253		No	Looked at other systems	(472,253)
6	148554: 2017 MWM Upgrade	Jun 2017	86,619		Yes	New support \$3K increase	
7	148582: 2017 Backup and Rec Solution	Jun 2017	204,974		No	Selection most cost eff. - NOB	(204,974)
8	148499: 2017 ODM Sys Enhancements	Jul 2017	68,711		No	Do nothing is alternative	(68,711)
9	148555: 2017 VDI POD Architecture	Jul 2017	379,729		No	Solution is most cost effective	(379,729)
10	154085: 2017 Virtual Web Svc Load Bal	Jul 2017	96,195		?	Makes sense to continue use	
11	148501: 2017 EBS Upgrade & Enhance	Aug 2017	680,787		No	Do nothing is alternative	(680,787)
12	148589: 2017 Splunk Log Monitoring	Aug 2017	29,898		?	Eval. Others - poor perform.	
13	148527: 2017 Work Mgmt Enhancements	Sep 2017	165,048		?	Alt would cost > \$2 mill	
14	148584: 2017 Salesforce - Phase II	Sep 2017	92,421		No	Did survey	(92,421)
15	Computer Software Retirements	Sep 2017		2,154,583			
16	153516: 2017 Enterprise Sec Devic Soft	Oct 2017	40,057		No	Did evaluate others	(40,057)
17	148480: 2017 Cust Self Service Enhance	Nov 2017	387,303		No	Alternatives explored- cost eff	(387,303)
18	148489: 2017 GMP API	Nov 2017	656,325		No	Selection is best	(656,325)
19	148492: 2017 GMP Web Framework	Nov 2017	174,264		?	No off shelf exists	
20	148496: 2017 M2C Enhancements	Nov 2017	310,980		No	Do nothing is alternative	(310,980)
21	148553: 2017 MDM Enhancements	Nov 2017	91,965		?	Alt was \$47,960 but risky	
22	148845: 2017 EBS Enhancements	Nov 2017	188,166		No	Do nothing is alternative	(188,166)
23	153531: 2017 Customer Texting Expansio	Nov 2017	21,059		?	Selection is best	
24	153813: 2017 Watershed Forecast Tools	Nov 2017	93,160		?	No options available	
25	153505: 2018 AMI System Upgrade	Jan 2018	248,917		No	Further delay only alternative	(248,917)
26	153507: 2018 C&I Portal	Mar 2018	227,995		No	GMP staff provide info	(227,995)
27	153509: 2018 Cent Sec Event Log Sol	Apr 2018	275,360		?	Many alt. cost is > \$250k	
28	148469: 2017 Spirae Peak Load	May 2018	753,540		?	Extension of Pilot	
29	153513: 2018 Dist Energy Resource	Jul 2018	181,947		?	Extension of enhancements	
30	Computer Software Retirements	Sep 2018		2,809,993			
31	153529: 2018 Watershed Forecast Tools	Sep 2018	155,291		No	No specific alternatives	(155,291)
32	153523: 2018 MWM Upgrade	Oct 2018	143,537		No	Do nothing is alternative	(143,537)
33	153508: 2018 CCB & MDM Upgrade	Nov 2018	705,971		?	New support is \$133k more	
34	153515: 2018 EBS Enhancements	Nov 2018	167,226		No	Do nothing is alternative	(167,226)
35	153524: 2018 ODM Upgrade	Nov 2018	118,783		?	New support is \$33k more	
36	153526: 2018 Sec Baseline Software	Nov 2018	314,005		?	New support is \$5k more	
37	153628: 2018 GMP Mobile App Enhance	Nov 2018	266,204		No	No other alternatives	(266,204)
38	153629: 2018 Cust Self Service Enhance	Nov 2018	831,253		No	No other alternatives	(831,253)
39	153521: 2018 M2C Enhancement	Nov 2018	368,568		?	Use billing source @ \$50k/yr	
			<u>9,717,704</u>	<u>4,964,576</u>			<u>(6,241,322)</u>
<b>Distribution Lines Large Cap</b>							
	CY 2017		21,771,283	3,079,146			
	CY 2018		22,036,893	3,116,711			
			<u>43,808,176</u>	<u>6,195,857</u>			
<b>Distribution Substation</b>							
1	150769: RMAG Test Set	Jan 2017	122,634		No	Delay purchase only alt.	(122,634)
2	150843: Cellcorder Battery Tester	Jan 2017	21,769		No	Delay purchase only alt.	(21,769)
3	148602: Randolph Center Security	Mar 2017	33,691		?	Alternatives ID/Damages \$13k	
4	143601: Spare Xfmr 5MVA 46-34.5/12.5kV	May 2017	277,107		No	Do nothing is alternative	(277,107)
5	153557: Animal Protection - Mobile Sub	May 2017	64,397		?	3 mfrs evaluated- No details	
6	143292: Granitville Wetmore Combo S/S	Aug 2017	1,430,338	186,563	?	Alt more costly	
7	143591: South Brattleboro RBLD	Feb 2018	2,777,395	481,772	Yes	2 Alter. Added cost of \$200k	
8	148596: Sharon Sub - GMP Portion	Apr 2018	401,260	54,214	?	2 Alter. Added cost of \$86k	
9	148622: East Jamacia Bkr/Rly/RTU/Sec	May 2018	549,797	44,519	No	Delay only alt.	(549,797)
10	143595: Barre North End	Jun 2018	2,462,953	443,361	?	4 options/ no cost	
11	148607: South Poultney Xfmr/Fence	Jun 2018	537,819	5,743	?	4 options/ discussed w/ dept	
12	152949: Sand Road 34kV Regulators	Dec 2018	605,444		No	Alt DSM or DG	(605,444)
	153545: 2017 WO 34 Dist Subs	2017	751,444	95,910			

153545: 2018 WO 34 Dist Subs

2018

<u>760,611</u>	<u>97,080</u>
<u>10,796,659</u>	<u>1,409,162</u>

(1,576,752)

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<b>General Plant</b>							
1	Office Equipment	Sep 2017		87,406			
2	Computer Equipment	Sep 2017		2,632,932			
3	Stores	Sep 2017		28,070			
4	Tools	Sep 2017		44,804			
5	Lab Equipment	Sep 2017		74,365			
6	Communication Equipment	Sep 2017		454,187			
7	Miscellaneous	Sep 2017		18,852			
8	Office Equipment	Sep 2018		25,887			
9	Computer Equipment	Sep 2018		1,631,581			
10	Stores	Sep 2018		11,363			
11	Tools	Sep 2018		92,740			
12	Lab Equipment	Sep 2018		100,583			
13	Communication Equipment	Sep 2018		547,764			
14	Miscellaneous	Sep 2018		12,214			
				<u>5,762,748</u>			
<b>Hydro - New Hydro Dams</b>							
1	151207: Vermont Hydro Purchases	Jan 2017	16,339,879				
2	153761: Non Vermont Hydro Purchases	May 2017	28,412,186				
			<u>44,752,065</u>				
<b>Jt Ownership</b>							
1	Highgate	May 2017		42,226,961.00			
2	120024: MMWEC JO 2017	Dec 2017	218,159	100,000			
3	143142: Wyman 2017 Capital	Dec 2017	26,261	5,000			
4	145123: McNeil Joint Owned 2017	Dec 2017	505,750	125,000			
5	145122: Millstone Joint Owned 2017	Dec 2017	837,165	125,000			
6	120024: MMWEC JO 2018	Dec 2018	220,820	100,000			
7	143142: Wyman 2018 Capital	Dec 2018	26,581	5,000			
8	145122: Millstone Joint Owned 2018	Dec 2018	847,378	125,000			
9	145123: McNeil Joint Owned 2018	Dec 2018	511,920	125,000			
			<u>3,194,034</u>	<u>42,936,961</u>			
<b>Meters</b>							
	148953: 2017 Meter Purchases	2017	405,717	1,070			
	153691: 2018 Meters Purchases	2018	410,667	1,083			
1	153692: Increased Meter Inventory	Jul 2017	314,525		No	Need to be prepared	(314,525)
			<u>1,130,909</u>	<u>2,153</u>			<u>(314,525)</u>
<b>New Initiatives</b>							
	152045: 2017 Heat Pumps	2017	2,122,524		No	3 brands/use Eff VT. Pref.	(2,122,524)
	152046: 2017 Heat Pump Water Heaters	2017	512,612		No	3 brands/use Eff VT. Pref.	(512,612)
	153280: 2018 Heat Pumps	2018	1,496,248		No	3 brands/use Eff VT. Pref.	(1,496,248)
	153281: 2018 Heat Pump Water Heaters	2018	401,984		No	3 brands/use Eff VT. Pref.	(401,984)
16			<u>4,533,368</u>				<u>(4,533,368)</u>
<b>Regulators and Capacitors</b>							
	141719: 2017 Regulators and capacitors	2017	768,866	27,990			
	141719: 2018 Regulators and capacitors	2018	778,247	28,331			
			<u>1,547,113</u>	<u>56,321</u>			<u>0</u>
<b>Transformers</b>							
	141720: 2017 Distribution Transformers Install	2017	1,763,314	106,762			
	151123: 2018 Distribution Transformers Install	2018	1,784,827	108,065			
			<u>3,548,141</u>	<u>214,827</u>			<u>0</u>

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<b>Production</b>							
1	152197: Rutland GT#5 Highside Breaker	Mar 2017	142,112		No	Id alter. But no cost detail	(142,112)
2	141779: Middlesex U1 & U2	Jun 2017	1,552,754	34,692	?	Postponement adds risk	
3	143338: Bolton Electrical Modernizatio	Jun 2017	1,784,688	723,302	No	2016 proj. alter is not do	(1,784,688)
4	153169: Bolton Falls HPU	Jun 2017	796,660	138,837	Yes	Alt 1 was to do 1 but now 2	
5	148899: Lamoille FERC	Jul 2017	273,581		Yes	No alternative - License	
6	153331: Vergennes Radiators	Jul 2017	145,088		No	Repair considered.	(145,088)
7	148901: Weybridge FERC	Aug 2017	47,596		Yes	No alternative - License	
8	150817: West Danville PLC	Aug 2017	93,166	3,867	No	Alter considered/ no cost	(93,166)
9	151008: POLE MOUNTED SOLAR	Aug 2017	145,876		?	Only manufacturer	
10	153354: Middlebury Lower rewind	Aug 2017	430,040	5,798	No	No alternative	(430,040)
11	153235: Clark Taintor Gate Controls	Sep 2017	189,585		No	Safety	(189,585)
12	153238: Essex - Dam Control Upgrades	Sep 2017	76,981		No	Not perf. upgrade not option	(76,981)
13	143369: 2016 Passumpic Fish Access	Nov 2017	430,158	801	No	Do nothing not viable	(430,158)
14	153236: Milton HPU & Excitation Upgrad	Nov 2017	542,152	173,178	No	No alternative must replace	(542,152)
15	153290: Essex Excitation	Nov 2017	760,895	413,609	No	No alternatives exist	(760,895)
16	153325: Diversion Silver Lake	Nov 2017	273,785	301	No	Do nothing not viable	(273,785)
17	148900: Vergennes FERC	Dec 2017	207,054		Yes	No alternative - License	
	152302: 2017 Generation Small Capital	2017	588,968	50,000			
18	153316: Marshfield Gatehouse Upgrades	Dec 2017	380,920	4,304	No	Do nothing rejected	(380,920)
19	153610: Chitt Dam Headwrks & Manholes	Dec 2017	1,399,696		No	Project is only option	(1,399,696)
20	143387: 2016 Ascutney GT PLC Upgrd	Jan 2018	454,345	24,981	No	Equip @ end of service life	(454,345)
21	146734: Chittenden Saddles	Jan 2018	1,161,933	14,330	?(a)	Could replace pipe @\$4.5m	
22	153338: Rutland GT_PLC/HMI	Jan 2018	355,918	19,495	?	Must do/selected cont./ NO \$	
23	148890: Panton E Town	Feb 2018	3,391,644		?	Alter. Considered/least cost.	
24	151870: Clark Falls concrete resurface	Feb 2018	1,333,881	304,419	No	Must do reg pressure	(1,333,881)
25	153297: Gage Headgate & Intake Upgrade	Mar 2018	1,517,700	895	No	Must do reg pressure	(1,517,700)
26	153321: Rec Project #1-Moscow	Jun 2018	197,513		No	Cost are true opinion	(197,513)
27	153327: Rec Project #5_LR Site Improv	Jul 2018	67,485		No	Cost are true opinion	(67,485)
28	141781: Waterbury FERC upgrades	Aug 2018	6,218,914	1,461,638	No	Do nothing not viable	(6,218,914)
29	143389: 2016 Berlin PLC HMI RTU Upgr	Aug 2018	394,498	53,181	No	Must do/selected cont./ NO \$	(394,498)
30	153295: Essex Min-Flow Upgrades	Aug 2018	568,916		No	No alternative	(568,916)
31	153322: Berlin GT Fire Surpression	Aug 2018	149,894		No	Alter. considered not viable	(149,894)
32	153323: Rec Project #2_Parking Lot	Sep 2018	263,350		No	Cost are true opinion	(263,350)
33	143377: Vergennes 9B Redevelopment	Oct 2018	1,580,097	170,219	No	Alter. In support/ NOT SO	(1,580,097)
34	153329: Cavendish Elec Modernization	Oct 2018	2,241,970	89,654	No	Do nothing not viable	(2,241,970)
35	153330: Vergennes 9 Elect upgrade	Oct 2018	2,294,195	593,604	No	Do nothing not viable	(2,294,195)
	2018 Generation Small Capital	2018	596,153	50,000	?(a)	Could replace pipe @\$4.5m	
36	153707: Chittenden saddles 2018	Dec 2018	825,699	11,054			
			<b>33,875,860</b>	<b>4,342,159</b>			<b>(23,932,023)</b>
<b>Property &amp; Structures</b>							
1	143630: Montpelier Renovation	Jun 2017	1,413,174	75,000	No	Alternative can't be done	(1,413,174)
2	148730: Colchester Fire Suppression	Jun 2017	30,470	27,467	No	No alternatives considered	(30,470)
3	143315: St Albans Lighting Replacement	Jul 2017	27,968	20,903	No	Alternative to keep system	(27,968)
4	148805: Montpelier Tranp Lift	Jul 2017	188,697	35,000	No	Alternative to keep existing lift	(188,697)
5	148838: Saint Albans HVAC	Jul 2017	43,667	12,500	No	Considered alternative	(43,667)
6	148725: Springfield Unit Heaters	Aug 2017	34,527	10,500	Yes	Alt consid./ cost savins \$730	
7	148728: O.H. Conference Room	Aug 2017	5,267		?	No alternatives considered	
8	148735: Colchester Roof	Aug 2017	1,026,548	166,754	Yes	Considered alter./ Prov. Alt.	
9	148736: Montpelier Roof	Aug 2017	9,988	5,000	No	Considered alter./ No Alt Prov.	(9,988)
10	148724: Royalton Storage Building	Sep 2017	191,625		No	Alt. continue to store outside	(191,625)
11	148875: LED Lighting	Sep 2017	26,478	15,000	No	No resonable alternatives	(26,478)
12	148806: Purchase Land in W.R.	Oct 2017	82,266		No	No other prop. by substation	(82,266)
13	143539: Purchase Land for Burl Sub	Nov 2017	567,851		No	No other alt. considered	(567,851)
14	148723: St J Storage Building	Nov 2017	191,711		No	Alter. Not to build	(191,711)
	148732: 2017 Blanket	Nov 2017	196,138	25,000	No	No alternative	(196,138)
15	148966: EMAC Fire Alarm	Jul 2018	19,078	10,000	No	No other alt. considered	(19,078)
16	148920: Saint Albans Cold Storage	Aug 2018	193,086		No	Leave equip. uncovered	(193,086)
17	148726: Royalton Unit Heaters	Sep 2018	34,105	10,500	?	Alt consid./ cost savins \$1300	

18	148727: Sunderland Unit Heaters	Sep 2018	34,105	10,500	?	Alt consid./ cost savins \$915	
19	143541: Purchase Land in Websterville	Oct 2018	135,256		No	No other land by substation	(135,256)
	148733: 2018 Facility Blanket	Dec 2018	198,531	25,000	No	No alternative	(198,531)
			<u>4,650,534</u>	<u>449,124</u>			<u>(3,515,983)</u>

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<b>Transmission Lines</b>							
1	135212: South Shaftsbury MOAB	Jan 2017	37,434		No	Alternative not replace	(37,434)
2	148242: White River Jct Fiber	Jan 2017	60,472		?	Alternative & cost/month	
	153540: 2017 WO 32 Trans Lines	2017	1,276,603	137,933			
3	147273: L92 Highbrdg - Lafayette Recon	Feb 2017	945,086	50,000	?	Alternative & costs	
4	148776: TL 3305 Graniteville Sub Reloc	Jun 2017	200,690		?	Alternative & costs	
5	151450: NRutland to WRutland L42 P 22-42 RPLMNT	Apr 2017	230,919	11,364	No	Alternative was delay proj.	(230,919)
6	151448: NRutland to WRutland L42 P 43-54 RPLMNT	May 2017	70,362	12,107	No	Alternative was delay proj.	(70,362)
7	152431: Nason to Ballard TL 127 P151- 197 RPLMNT	Jun 2017	403,359	96,497	No	Alternative was delay proj.	(403,359)
8	145182: L118 P317-1 Gilman Switch	Jul 2017	129,369	69,089	?	Alternative & costs	
9	148604: Wyeth Tap RTU Replacement	Jul 2017	52,067		No	Alternative not replace	(52,067)
10	148605: Silk Road Tap RTU Replacement	Jul 2017	43,893		No	Alternative not replace	(43,893)
11	153580: WRutland to Danby TL36 P270-276 RPLMNT	Aug 2017	440,874	5,671	Yes	Alternative & costs	
12	153385: Little River TLine Bypass	Oct 2017	75,584		No	Alt. no alternative cost	(75,584)
13	153582: MOAB South Bennington 556 514	Oct 2017	348,792	18,455	No	No alternative	(348,792)
14	153395: Pole RPLMNT-Johnson-Lowel L133	Nov 2017	549,772	7,733	No	Alternative was delay proj.	(549,772)
15	131747: Tafstville L107 MOAB	Dec 2017	366,920	2,636	No	No alternative	(366,920)
16	153396: Add MOAB L53 P105 Switch 325	Dec 2017	75,945		?	Alternative & costs	
17	154222: Underhill TL134 Tap Pole Replacement	Dec 2017	1,256,813	20,685	No	Alternative was delay proj.	(1,256,813)
18	143570: Fiber to Marshfield	Jan 2018	122,731		No	Investigated options	(122,731)
	153540: 2018 WO 32 Trans Lines	2018	1,292,177	139,616			
19	148600: Reconductor L37 (MST to Flor)	Jul 2018	2,729,443	17,318	?	Alternative & costs of \$20m	
20	148599: Reconductor L39 (WRT to MST)	Aug 2018	353,275	6,447	?	Alternative & costs of \$20m	
21	148595: Cambridge Transmission L131	Sep 2018	415,635	62,916	No	2 Alternative sites/no cost	(415,635)
22	148615: L107 Recond Bethel SS to P269	Nov 2018	158,359	3,552	?	Alternative & costs	
23	153608: MOAB E. Montpelier WEC 317 617	Nov 2017	201,697		No	No alternative	(201,697)
24	135206: Riverside MOAB	Dec 2018	235,585		No	No alternative	(235,585)
25	153590: MOAB Thetford 926 & 927	Dec 2018	356,202		No	No alternative	(356,202)
26	153593: MOAB Jeffersonville 191 & 436	Dec 2018	205,560		No	No alternative	(205,560)
27	153594: MOAB E. St. Albans 126 & 127	Dec 2018	359,845		No	No alternative	(359,845)
28	153750: Welden to NstAlbans TL135 P238-246 Recond	Dec 2018	252,337	1,756	Yes	Alternative & costs	
			<b>13,247,801</b>	<b>663,775</b>			<b>(5,333,171)</b>
<b>Transmission Substations</b>							
1	143311: Irasburg R/C Upgrade - Velco	Jan 2017	45,017		No	No alternative	(45,017)
2	151761: Gorge Animal Cover	Jan 2017	248,194		No	* 3 Mfrs. Considered/no prices	(248,194)
3	149349: Spare 46-34kV Autotransformer	May 2017	368,324		?	No alternative/Will bid	
4	143454: VELCO - Hartford Bkr RPMNT	Jun 2017	537,347		No	No alternative	(537,347)
5	148601: Ascuntny Security	Jul 2017	77,181.35		?	Alternative do nothing/cost	
6	153292: Essex No 19 Animal Mitigation	Jun 2017	442,367		No	* 3 Mfrs. Considered/no prices	(442,367)
7	148603: Digital #43 Security	Jul 2017	52,018.36		?	Alternative do nothing/cost	
8	153384: Digital_43 Animal Mit/Brk Fail	Jul 2017	427,005.94	9,043	No	* 3 Mfrs. Considered/no prices	(427,006)
9	153863: Pleasant St Capacitor replacement	Jul 2017	41,126.51	17,081	No	Alternative not replace	(41,127)
10	153122: Queen City Bkr Replacement	Sep 2017	439,890.50	23,609	No	* 3 Mfrs. Considered/no prices	(439,891)
11	153411: Velco Berlin X91 VT RPLMNT	Nov 2017	9,432		No	No alternative	(9,432)
12	153412: Velco Cold Rv H31,H32 VT RPLMT	Nov 2017	18,864		No	No alternative	(18,864)
13	138424: HSCAT 3306 PUTT	Dec 2017	80,502		No	No alternative	(80,502)
14	143582: Sand Road Bus Diff-Animal Miti	Dec 2017	757,280	21,789	No	* 3 Mfrs. Considered/no prices	(757,280)
15	153410: Velco Blissville H30 VT RPLMNT	Feb 2018	9,432		No	No alternative	(9,432)
16	138419: HSCAT 3312 87L	Mar 2018	51,770		No	No alternative	(51,770)
17	138422: HSCAT 3313 PUTT	Apr 2018	84,552		No	No alternative	(84,552)
18	143642: Chelsea Upgrade - VELCO CRVP	Jun 2018	477,231		No	No alternative	(477,231)
19	153386: Little River Sub Rebuild	Jun 2018	974,055	207,526	No	No alternative	(974,055)
20	153799: Malletts Bay Animal Mitigation	Jun 2018	90,071		No	* 3 Mfrs. Considered/no prices	(90,071)
21	153804: Ethan Allen Animal Mitigation	Aug 2018	138,476		No	* 3 Mfrs. Considered/no prices	(138,476)
22	153800: Iroquois Sub Animal Mitigation	Jul 2018	47,045		No	* 3 Mfrs. Considered/no prices	(47,045)
23	153801: Town Line Animal Mitigation	Sep 2018	105,346		No	* 3 Mfrs. Considered/no prices	(105,346)
24	153802: Dorset St Animal Mitigation	Sep 2018	84,734		No	* 3 Mfrs. Considered/no prices	(84,734)
25	153119: McNeil Animal Mit/Brk Fail	Aug 2018	307,802		No	* 3 Mfrs. Considered/no prices	(307,802)
26	148598: Marble Street Bus Upgrade	Sep 2018	291,721	5,007	No	No alternative	(291,721)

27	148627: Rawsonville RTU Replacement	Dec 2018	84,043	29,233	No	Alternative was delay proj.	(84,043)
28	148592: Cambridge Substation	Dec 2018	1,040,932		No	2 alternatives/no cost	(1,040,932)
			<u>7,331,759</u>	<u>313,288</u>			<u>(6,834,235)</u>

Green Moutain Power  
Financial Analysis Evaluation

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Project Count	Construction Summary w/End Date CY w/Balances	Matt In Service Date	Total Project	Retirements	Sufficient Financial Analysis	Company Comments to Alternaives & Cost	Adjustment
<b>Transportation</b>							
1	143545 Fuel Management System	May 2017	65,980		Yes	Alternative & costs	
2	148958: 2017 Bucket	Sep 2017	2,353,520	407,287	No	Keep existing trucks	(2,353,520)
3	154648: 2017 Digger truck	Sep 2017	675,550		No	No reasonable alternatives	(675,550)
4	148959: 2017 Small Vehicle	Sep 2017	651,153	398,764	No	Alternative was to defer	(651,153)
5	148961: 2017 Trailer Purchases	Sep 2017	302,865		Yes	Alternative & costs	
6	153774: 2018 Small Vehicles	Sep 2017	1,389,485	339,734	No	Alternative is delay	(1,389,485)
7	153768: 2018 Utility Vehicle Rep	Dec 2017	51,780		No	Alternative to keep old	(51,780)
8	153765: 2018 Digger Replacements	Aug 2018	336,642		No	Alternative not replace	(336,642)
9	153764: 2018 Bucket Truck Replacements	Oct 2018	2,605,630	560,135	No	Keep existing trucks	(2,605,630)
10	153766: 2018 Track Digger Rep	Oct 2018	552,008	11,052	No	Rental is costly	(552,008)
			<u>8,984,612</u>	<u>1,716,972</u>			<u>(8,615,767)</u>

**Vermont Marble - Hydro**

1	148858: Huntington Sub Rebuild	Jun 2017	832,791		Yes	Some other cons./cost	
2	148861: Huntington U1 & U2 Mod	Jun 2017	6,963,279		Yes	Alternatives consid./costs	
3	150637: Center Rutland Pressure Case	Jun 2017	125,101	22,684	No	Do nothing	(125,101)
4	148898: Otter Creek FERC	Jul 2017	297,524		Yes	No alternative - License	
5	143336: Beldens Grapple & Rec Improvem	Jul 2017	359,949		No	No alternative	(359,949)
6	148860: Huntington U3 & Intake Mod	Aug 2017	5,088,743	1,363,793	No	Several scenarios/no cost	(5,088,743)
7	151201: Proctor Hydro Windows	Aug 2017	85,211		Yes	No alternative - License	
8	148852: Proctor Rec Improvements	Dec 2017	235,474		No	No alternative	(235,474)
9	153339: Beldens Comm/PLC upgrade	Nov 2018	443,941	103,046	No	Do nothing	(443,941)
10	153343: C. Rutland Concrete Resurface	Nov 2018	49,672	3,058	No	Do nothing	(49,672)
			<u>14,481,685</u>	<u>1,492,581</u>			<u>(6,302,880)</u>

**Wind Generation**

1	153333: Searsburg T4 Generator	Jun 2017	34,890	50,000	No	Alternative is forego repairs	(34,890)
2	151569: Searburg #1 rebuild	Sep 2017	152,438	50,000	No	Alternative is forego repairs	(152,438)
3	153335: Searsburg Gearbox Rebuild	Nov 2017	154,725	50,000	No	Lot of thought/do nothing	(154,725)
4	153273: 2018 Searsburg Gearbox	Nov 2018	153,991	50,000	No	Lot of thought/do nothing	(153,991)
			<u>496,044</u>	<u>200,000</u>			<u>(496,044)</u>
			<u>212,004,760</u>	<u>70,720,504</u>			<u>(73,604,366)</u>