

**JC Table 4. Alternate Case - VGS Expansion Project  
 Summary Base Case, Alternate Case Forecast, Conversion Costs, Net Savings**

5/23/2013

**Summary Gross & Net Fuel Cost Savings - Cumulative and Present Value - Alternate Case**

<u>Expanded Service Territory</u>	<u>Cumulative</u>	<u>Present Value (2012\$) [H]</u>
Base Case Fuel Cost - All Rate Classes [A]	\$ 467,177,812	\$ 335,801,653
Alternate Case Fuel Cost - All Rate Classes [B]	\$ 183,532,266	\$ 131,215,785
Gross Fuel Costs Savings [C]	<u>\$ 283,645,546</u>	<u>\$ 204,585,867</u>
Less:		
Conversion Costs [D]	<u>\$ 21,548,560</u>	<u>\$ 18,938,706</u>
Equals:		
Net Fuel Bill Savings [E]	<u><u>\$ 262,096,986</u></u>	<u><u>\$ 185,647,161</u></u>
 <u>Current Service Territory</u>		
Less:		
Expansion Fund Collections [F]	\$ 166,826,955	\$ 127,058,139
 <u>Statewide</u>		
Equals:		
Net Fuel Bill Savings [G]	<u><u>\$ 95,270,031</u></u>	<u><u>\$ 58,589,023</u></u>

JC Table 5. Alternate Case - VGS Expansion Project  
 Detailed Base Case Fuel Cost Forecast, Alternate Case Forecast, Gross Cost Savings, Conversion Costs, Net Savings by Rate Class - 2011 / 2031

5/23/2013

A. Expanded Service Territory Base Case Fuel Cost Forecast

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
Residential	-	-	-	-	787,018	3,607,111	4,582,764	5,315,211	5,823,116	6,233,927	6,593,201	6,911,109	7,189,090	7,426,598	7,622,909	7,788,311	7,914,109	8,001,789	8,048,706	8,048,670	8,011,377	7,940,110
G1	-	-	-	-	194,822	711,400	896,944	1,035,542	1,128,350	1,195,360	1,243,875	1,285,067	1,320,121	1,350,200	1,375,800	1,400,000	1,418,250	1,430,000	1,435,000	1,435,000	1,430,000	1,420,000
G2	-	-	-	-	41,800	201,472	254,386	312,269	350,330	381,882	408,275	431,275	450,999	468,326	483,611	497,100	509,000	519,500	528,000	534,500	539,000	542,500
G3	-	-	-	-	332,483	1,441,844	1,888,636	2,200,927	2,345,072	2,468,848	2,574,000	2,662,800	2,737,500	2,801,500	2,857,500	2,906,000	2,948,000	2,984,500	3,016,000	3,043,000	3,066,000	3,085,000
G4	-	-	-	-	286,001	1,228,488	1,595,346	1,898,715	2,043,966	2,190,282	2,338,925	2,490,224	2,644,700	2,802,200	2,961,000	3,121,500	3,284,500	3,450,000	3,618,500	3,790,000	3,964,000	4,145,000
All Industrials	-	-	-	-	1,931,604	8,667,588	11,460,440	12,740,785	13,984,948	15,140,708	16,217,226	17,212,309	18,126,200	19,000,398	19,834,999	20,629,811	21,384,909	22,100,000	22,775,000	23,410,000	24,005,000	24,560,000
Industry 1	-	-	-	-	701,302	3,411,841	4,504,420	5,000,000	5,391,200	5,704,000	6,000,000	6,280,000	6,545,000	6,795,000	7,030,000	7,250,000	7,455,000	7,635,000	7,790,000	7,925,000	8,040,000	8,140,000
Industry 2	-	-	-	-	200,302	941,841	1,250,000	1,400,000	1,520,000	1,610,000	1,680,000	1,740,000	1,790,000	1,835,000	1,875,000	1,910,000	1,940,000	1,965,000	1,985,000	2,000,000	2,010,000	2,015,000
Industry 3	-	-	-	-	277,996	1,216,250	1,577,178	1,797,888	1,974,000	2,110,000	2,210,000	2,280,000	2,330,000	2,370,000	2,400,000	2,420,000	2,435,000	2,445,000	2,450,000	2,450,000	2,450,000	2,450,000
Industry 4	-	-	-	-	753,502	3,443,750	4,527,222	5,100,000	5,470,000	5,840,000	6,200,000	6,570,000	6,940,000	7,310,000	7,680,000	8,050,000	8,420,000	8,790,000	9,160,000	9,530,000	9,900,000	10,270,000
Total	-	-	-	-	1,933,652	10,925,534	14,658,174	16,433,693	17,815,663	19,009,816	20,070,226	21,013,236	21,840,400	22,567,898	23,200,000	23,743,500	24,200,000	24,580,000	24,885,000	25,115,000	25,270,000	25,355,000
Cumulative	-	-	-	-	1,933,652	12,859,186	17,447,360	19,462,653	20,645,769	21,836,685	22,927,896	23,929,107	24,830,317	25,631,527	26,332,737	26,934,000	27,435,250	27,837,000	28,140,000	28,355,000	28,485,000	28,530,000
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B. Expanded Service Territory Natural Gas Fuel Cost Forecast - Alternate Case

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
Residential	-	-	-	13,539	446,100	1,593,009	2,388,024	2,744,407	2,870,177	2,912,690	2,935,812	2,950,212	2,958,111	2,962,464	2,965,548	2,968,268	2,970,648	2,972,688	2,974,388	2,975,738	2,976,838	2,977,738
G1	-	-	-	2,659	87,702	358,799	447,748	508,201	530,642	550,788	569,438	585,961	600,251	613,463	625,624	636,750	646,848	655,900	664,000	671,150	677,350	682,600
G2	-	-	-	793	39,877	97,694	120,794	138,306	151,529	160,416	166,914	171,614	175,558	178,894	181,664	183,894	185,614	186,844	187,574	187,904	188,034	188,104
G3	-	-	-	6,830	173,568	691,655	959,236	1,195,754	1,384,226	1,537,527	1,658,660	1,744,860	1,803,548	1,841,000	1,869,000	1,888,000	1,900,000	1,905,000	1,908,000	1,910,000	1,911,000	1,912,000
G4	-	-	-	9,706	122,862	474,960	549,322	596,655	641,000	683,677	724,897	764,697	804,999	844,800	884,100	922,900	961,200	1,000,000	1,038,300	1,076,100	1,113,500	1,150,500
Industry 1	-	-	-	612,762	2,686,218	2,714,667	2,745,998	2,819,814	2,913,631	3,019,389	3,139,219	3,272,389	3,419,864	3,581,865	3,759,869	3,954,369	4,166,369	4,396,869	4,646,869	4,916,869	5,201,869	5,506,869
Industry 2	-	-	-	32,661	223,460	228,113	235,073	242,033	249,033	256,033	263,033	270,033	277,033	284,033	291,033	298,033	305,033	312,033	319,033	326,033	333,033	340,033
Industry 3	-	-	-	71,896	307,813	311,435	320,281	329,127	338,033	346,933	355,833	364,733	373,633	382,533	391,433	400,333	409,233	418,133	427,033	435,933	444,833	453,733
Industry 4	-	-	-	79,864	347,097	346,332	355,867	365,722	375,833	386,167	396,767	407,467	418,167	428,867	439,567	450,267	460,967	471,667	482,367	493,067	503,767	514,467
Total	-	-	-	640,768	3,744,127	7,136,854	8,832,799	9,878,835	10,490,850	10,871,033	11,147,819	11,329,122	11,414,299	11,411,244	11,329,244	11,176,924	10,954,924	10,676,924	10,344,924	9,958,924	9,528,924	9,064,924
Cumulative	-	-	-	640,768	4,490,247	11,631,101	13,574,212	14,823,647	15,301,832	15,599,927	15,796,746	15,900,565	15,921,787	15,853,677	15,694,924	15,444,924	15,104,924	14,684,924	14,194,924	13,644,924	13,044,924	12,404,924
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C. Expanded Service Territory Gross Savings Forecast - Alternate Case

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
Residential	-	-	-	153,539	320,818	1,642,102	2,171,797	2,508,834	2,602,240	2,700,228	2,798,989	2,888,996	2,969,880	3,049,134	3,125,861	3,199,439	3,269,622	3,336,204	3,399,181	3,458,478	3,514,010	3,565,818
G1	-	-	-	18,599	67,170	352,608	454,499	527,341	549,394	569,788	589,997	609,966	629,666	649,066	668,111	686,844	705,200	723,188	740,844	758,066	774,844	791,166
G2	-	-	-	793	39,877	97,694	120,794	138,306	151,529	160,416	166,914	171,614	175,558	178,894	181,664	183,894	185,614	186,844	187,574	187,904	188,034	188,104
G3	-	-	-	6,830	173,568	691,655	959,236	1,195,754	1,384,226	1,537,527	1,658,660	1,744,860	1,803,548	1,841,000	1,869,000	1,888,000	1,900,000	1,905,000	1,908,000	1,910,000	1,911,000	1,912,000
G4	-	-	-	9,706	122,862	474,960	549,322	596,655	641,000	683,677	724,897	764,697	804,999	844,800	884,100	922,900	961,200	1,000,000	1,038,300	1,076,100	1,113,500	1,150,500
Industry 1	-	-	-	1,320,790	5,921,459	6,140,223	6,245,829	6,378,839	6,539,389	6,726,667	6,939,944	7,179,667	7,446,667	7,740,667	8,061,667	8,409,667	8,784,667	9,186,667	9,616,667	10,074,667	10,560,667	11,074,667
Industry 2	-	-	-	148,844	555,811	551,811	551,811	551,811	551,811	551,811	551,811	551,811	551,811	551,811	551,811	551,811	551,811	551,811	551,811	551,811	551,811	551,811
Industry 3	-	-	-	209,900	908,437	945,743	974,940	999,240	1,019,488	1,039,187	1,058,241	1,076,667	1,094,444	1,111,667	1,128,333	1,144,444	1,159,999	1,175,000	1,189,555	1,203,666	1,217,333	1,230,555
Industry 4	-	-	-	211,613	924,215	931,215	937,128	942,983	948,722	954,355	959,888	965,322	970,666	975,911	981,055	986,100	991,044	995,888	1,000,633	1,005,277	1,009,822	1,014,266
Total	-	-	-	1,292,264	7,191,357	12,312,220	13,761,900	14,859,824	15,520,240	15,969,920	16,310,240	16,549,920	16,788,666	17,026,666	17,264,666	17,502,666	17,740,666	17,978,666	18,216,666	18,454,666	18,692,666	18,930,666
Cumulative	-	-	-	1,292,264	8,482,714	20,814,934	34,576,834	49,385,658	64,905,898	80,875,818	97,186,058	113,835,078	130,823,744	148,163,410	165,854,076	183,894,742	202,285,408	221,037,074	240,153,740	259,626,406	279,457,072	300,039,738
check:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

D. Expanded Service Territory Conversion Costs Forecast - Alternate Case

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Residential	-	-	-	-	7,740,000	1,933,000	1,548,000	1,153,000	893,000	693,000	553,000	443,000	363,000	293,000	233,000	183,000	143,000	113,000	93,000		

Reserve/Net	\$ (1,051,024)	\$ (2,322,354)	\$ (2,657,814)	\$ (3,236,310)	\$ (4,296,389)	\$ (5,095,251)	\$ (6,241,408)	\$ (7,576,884)	\$ (8,511,523)	\$ (9,429,892)	\$ (10,373,247)	\$ (11,317,855)	\$ (12,241,038)	\$ (13,146,085)	\$ (14,037,760)	\$ (14,919,933)	\$ (15,795,381)	\$ (16,668,831)	\$ (17,505,670)	\$ (18,328,273)	\$ (19,142,764)
Commercial (SL, G2, G3, G4)	\$ (797,903)	\$ (1,748,829)	\$ (2,001,273)	\$ (2,441,650)	\$ (2,958,910)	\$ (3,497,266)	\$ (4,037,924)	\$ (4,640,319)	\$ (5,088,023)	\$ (5,513,780)	\$ (6,046,661)	\$ (6,506,862)	\$ (7,000,174)	\$ (7,526,960)	\$ (8,077,603)	\$ (8,652,614)	\$ (9,251,500)	\$ (9,884,861)	\$ (10,553,200)	\$ (11,257,158)	\$ (11,997,357)
Attribution	\$ -	\$ -	\$ -	\$ 1,780,190	\$ 6,365,811	\$ 8,638,755	\$ 8,796,290	\$ 9,760,455	\$ 10,448,047	\$ 10,966,043	\$ 11,525,149	\$ 12,126,473	\$ 12,769,473	\$ 13,455,668	\$ 14,186,112	\$ 14,961,249	\$ 15,781,592	\$ 16,647,724	\$ 17,560,200	\$ 18,519,558	\$ 19,526,253
Total	\$ (1,845,927)	\$ (4,071,183)	\$ (4,659,087)	\$ (4,597,779)	\$ (3,459,489)	\$ 846,148	\$ 2,727,263	\$ 6,043,143	\$ 9,354,332	\$ 12,722,368	\$ 16,949,237	\$ 21,226,433	\$ 25,584,721	\$ 29,950,527	\$ 34,370,592	\$ 38,856,632	\$ 43,409,392	\$ 48,038,317	\$ 52,751,158	\$ 57,558,516	\$ 62,469,969
Cumulative	\$ (1,845,927)	\$ (5,917,310)	\$ (10,576,397)	\$ (14,374,177)	\$ (18,473,655)	\$ (22,627,517)	\$ (24,900,253)	\$ (18,837,010)	\$ (12,502,678)	\$ (5,730,310)	\$ 1,208,926	\$ 8,438,369	\$ 16,020,081	\$ 24,070,608	\$ 32,641,200	\$ 41,597,832	\$ 50,789,224	\$ 60,479,591	\$ 70,823,493	\$ 81,844,698	\$ 93,770,031

**H. Present Value Calculations - Alternate Case**

	0	0.5	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5	9.5	10.5	11.5	12.5	13.5	14.5	15.5	16.5	17.5	18.5		
Discount Rate:	3.26																					
PV Factor:	1.00000	1.00000	0.89533	0.85663	0.82877	0.80072	0.81545	0.84995	0.82520	0.80116	0.77783	0.75517	0.73318	0.71182	0.69109	0.67096	0.65142	0.63245	0.61402	0.59614	0.57878	
<b>Expanded Service Territory</b>																						
Rate Case	\$ 335,801,693	\$ -	\$ -	\$ 1,848,216	\$ 10,175,142	\$ 17,545,744	\$ 19,080,214	\$ 20,207,351	\$ 20,374,176	\$ 20,219,097	\$ 20,163,379	\$ 20,288,273	\$ 20,315,070	\$ 20,347,155	\$ 20,515,799	\$ 20,599,744	\$ 20,554,396	\$ 20,611,023	\$ 20,765,351	\$ 20,996,437	\$ 21,234,479	
Alternate Case	\$ 171,215,785	\$ -	\$ -	\$ 617,988	\$ 3,486,045	\$ 6,435,504	\$ 7,037,327	\$ 7,546,508	\$ 7,589,807	\$ 7,667,958	\$ 7,889,440	\$ 8,047,715	\$ 8,109,555	\$ 8,123,511	\$ 8,204,100	\$ 8,274,777	\$ 8,312,554	\$ 8,359,968	\$ 8,412,900	\$ 8,501,988	\$ 8,627,231	
Utens Fuel Savings	\$ 204,585,867	\$ -	\$ -	\$ 1,236,219	\$ 6,679,098	\$ 11,310,147	\$ 11,047,887	\$ 11,660,764	\$ 12,590,389	\$ 13,551,740	\$ 14,633,888	\$ 15,770,958	\$ 16,206,015	\$ 16,223,625	\$ 16,311,692	\$ 16,322,967	\$ 16,221,842	\$ 16,251,655	\$ 16,344,200	\$ 16,435,449	\$ 16,697,198	
Conversion Costs	\$ 18,938,796	\$ -	\$ -	\$ 38,839	\$ 11,216,202	\$ 2,893,011	\$ 2,194,028	\$ 235,208	\$ 228,357	\$ 221,706	\$ 215,248	\$ 208,979	\$ 202,892	\$ 196,983	\$ 181,245	\$ 185,875	\$ 180,267	\$ 175,017	\$ 169,919	\$ 164,970	\$ 160,165	
Net Fuel Savings	\$ 185,647,161	\$ -	\$ -	\$ 1,197,379	\$ (8,597,104)	\$ 8,417,229	\$ 9,833,843	\$ 12,425,557	\$ 12,367,012	\$ 12,330,034	\$ 12,208,640	\$ 12,091,979	\$ 12,003,123	\$ 12,026,642	\$ 12,120,447	\$ 12,137,292	\$ 12,041,579	\$ 12,076,639	\$ 12,174,341	\$ 12,270,479	\$ 12,377,033	
<b>Current Service Territory</b>																						
Expansion Fund/Rate Impact	\$ 127,058,139	\$ 1,845,927	\$ 4,071,183	\$ 4,590,735	\$ 5,404,429	\$ 7,940,781	\$ 7,654,244	\$ 7,466,274	\$ 7,288,080	\$ 7,118,491	\$ 6,944,322	\$ 6,772,216	\$ 6,604,773	\$ 6,442,176	\$ 6,286,093	\$ 6,197,355	\$ 6,127,739	\$ 6,054,131	\$ 5,948,011	\$ 5,823,544	\$ 5,699,699	\$ 4,766,757
<b>Savings</b>																						
Net Fuel @3 Savings	\$ 38,889,023	\$ (1,845,927)	\$ (4,071,183)	\$ (4,590,735)	\$ (4,207,649)	\$ (12,537,884)	\$ 742,986	\$ 2,387,389	\$ 5,136,476	\$ 5,243,881	\$ 5,385,712	\$ 5,436,424	\$ 5,457,206	\$ 5,560,947	\$ 5,740,349	\$ 5,923,092	\$ 6,000,533	\$ 5,987,445	\$ 6,128,628	\$ 6,350,797	\$ 6,570,780	\$ 7,770,277
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JC Table 6. Alternative Case - VGS Expansion Project.  
Summary of Component Analysis on Vermont Economy - 2011/2031

5/23/2019

A. Construction + Conversion Expenditures in Addison County																					
Economic Metric	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Total Jobs	0	63	39	797	204	25	20	2	2	2	2	2	2	2	2	2	2	2	1	1	1
Total Output (\$2012, 000s)	\$0.0	\$5,031.7	\$3,080.2	\$56,340.9	\$20,062.6	\$3,122.7	\$2,577.4	\$279.4	\$274.3	\$269.4	\$364.2	\$299.5	\$254.8	\$249.5	\$245.2	\$240.3	\$235.6	\$230.9	\$225.6	\$221.3	\$215.5
Disposable income (\$2012, 000s)	\$0.0	\$2,933.3	\$1,780.1	\$32,618.4	\$9,528.4	\$1,300.6	\$1,069.8	\$115.6	\$113.1	\$110.7	\$108.2	\$105.9	\$103.6	\$101.2	\$99.1	\$96.9	\$94.7	\$92.5	\$90.2	\$88.2	\$86.1
Household earnings (\$2012, 000s)	\$0.0	\$2,598.4	\$1,564.0	\$27,842.5	\$8,332.3	\$1,156.8	\$951.6	\$102.8	\$100.6	\$98.4	\$96.3	\$94.2	\$92.2	\$90.0	\$88.2	\$86.2	\$84.2	\$82.3	\$80.2	\$78.5	\$76.6
B. Household Sector																					
Economic Metric	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Total Jobs	-6	-13	-15	-17	-21	-17	-14	-13	-13	-12	-11	-11	-10	-10	-9	-9	-8	-8	-7	-7	-4
Total Output (\$2012, 000s)	-\$419.1	-\$901.5	-\$1,020.6	-\$1,215.8	-\$1,518.0	-\$1,215.3	-\$1,071.9	-\$998.4	-\$965.6	-\$928.7	-\$898.6	-\$870.5	-\$837.3	-\$798.5	-\$771.7	-\$752.8	-\$734.6	-\$703.4	-\$657.8	-\$615.5	-\$594.5
Disposable income (\$2012, 000s)	-\$1,262.5	-\$2,726.7	-\$3,083.1	-\$3,670.7	-\$4,401.0	-\$3,324.9	-\$2,812.8	-\$2,555.3	-\$2,444.8	-\$2,320.8	-\$2,223.0	-\$2,131.3	-\$2,021.6	-\$1,892.8	-\$1,796.5	-\$1,727.6	-\$1,661.8	-\$1,555.6	-\$1,404.0	-\$1,261.4	-\$1,197.2
Household earnings (\$2012, 000s)	-\$165.5	-\$358.6	-\$407.0	-\$486.0	-\$602.0	-\$476.0	-\$416.3	-\$386.0	-\$372.9	-\$357.9	-\$345.9	-\$334.5	-\$321.0	-\$305.0	-\$293.7	-\$285.7	-\$278.0	-\$264.9	-\$245.8	-\$228.0	-\$112.9
C. Business & All Industrial Sectors																					
Economic Metric	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Total Jobs	-1	-2	-3	-3	2	9	13	17	19	21	21	22	21	21	21	20	20	19	18	18	18
Total Output (\$2012, 000s)	-\$169.4	-\$488.8	-\$752.8	-\$796.7	\$166.9	\$1,681.2	\$2,950.3	\$4,108.6	\$5,088.8	\$5,913.8	\$6,649.0	\$7,274.9	\$7,851.4	\$8,423.0	\$8,951.1	\$9,472.8	\$9,943.3	\$10,428.8	\$10,961.9	\$11,470.8	\$12,232.8
Disposable income (\$2012, 000s)	-\$49.8	-\$129.8	-\$180.5	-\$150.4	\$215.3	\$750.3	\$1,019.1	\$1,272.1	\$1,439.4	\$1,570.4	\$1,669.3	\$1,742.5	\$1,825.9	\$1,905.7	\$1,970.2	\$2,006.1	\$2,056.8	\$2,093.6	\$2,160.9	\$2,205.6	\$2,355.3
Household earnings (\$2012, 000s)	NOT REPORTED																				
D. Substitution Impact																					
Economic Metric	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Total Jobs	0	0	0	0	-14	-30	-8	-7	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Total Output (\$2012, 000s)	\$0.0	\$0.0	\$0.0	\$0.0	-\$1,305.5	-\$2,863.3	-\$728.0	-\$721.2	-\$71.0	-\$74.7	-\$75.2	-\$75.8	-\$73.2	-\$76.8	-\$77.5	-\$78.0	-\$75.3	-\$79.1	-\$79.4	-\$76.7	-\$80.3
Disposable income (\$2012, 000s)	\$0.0	\$0.0	\$0.0	\$0.0	-\$593.9	-\$1,300.3	-\$330.0	-\$326.3	-\$32.1	-\$33.6	-\$33.8	-\$34.0	-\$32.8	-\$34.4	-\$34.6	-\$34.8	-\$33.5	-\$35.1	-\$35.2	-\$34.0	-\$35.6
Household earnings (\$2012, 000s)	\$0.0	\$0.0	\$0.0	\$0.0	-\$522.5	-\$1,144.1	-\$290.4	-\$287.1	-\$28.2	-\$29.6	-\$29.8	-\$29.9	-\$28.9	-\$30.2	-\$30.5	-\$30.6	-\$29.5	-\$30.9	-\$31.0	-\$29.9	-\$31.3
E. Summary Alternative Case - VGS Expansion Project																					
Economic Metric	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Total Jobs	-7	47	21	777	170	-13	12	-1	8	10	11	12	12	13	13	12	12	12	12	12	15
Total Output (\$2012, 000s)	-\$588.5	\$3,641.5	\$1,306.8	\$54,328.4	\$17,405.9	\$725.3	\$3,727.9	\$2,668.4	\$4,326.5	\$5,179.8	\$5,939.4	\$6,598.2	\$7,195.6	\$7,797.1	\$8,347.1	\$8,882.3	\$9,388.9	\$9,877.1	\$10,450.3	\$10,999.9	\$12,034.4
Disposable income (\$2012, 000s)	-\$1,312.3	\$76.8	-\$1,483.5	\$28,797.4	\$4,748.8	-\$2,574.3	-\$1,059.9	-\$1,493.9	-\$924.4	-\$673.4	-\$479.4	-\$317.0	-\$125.0	\$79.8	\$238.2	\$340.7	\$456.2	\$585.4	\$811.8	\$998.5	\$2,000.2
Household earnings (\$2012, 000s)	NOT REPORTED																				

Descriptive Statistics		
Cumulative	Construction Phase (2011-2015) Average	Operations Phase (2016-2031) Average
NA	221	4
\$93,682.1	\$16,903.1	\$572.9
\$50,636.4	\$9,372.0	\$236.0
\$43,696.4	\$8,067.4	\$210.0
Descriptive Statistics		
Cumulative	Construction Phase (2011-2015) Average	Operations Phase (2016-2031) Average
NA	-15	-10
-\$18,229.9	-\$1,015.0	-\$822.2
-\$46,885.7	-\$3,028.8	-\$1,971.2
-\$7,043.7	-\$403.8	-\$314.0
Descriptive Statistics		
Cumulative	Construction Phase (2011-2015) Average	Operations Phase (2016-2031) Average
NA	-1	19
\$121,361.5	-\$408.2	\$7,712.9
\$27,731.9	-\$59.0	\$1,751.7
NOT REPORTED		
Descriptive Statistics		
Cumulative	Construction Phase (2011-2015) Average	Operations Phase (2016-2031) Average
NA	-3	-9
-\$6,611.3	-\$261.1	-\$331.6
-\$2,994.1	-\$118.8	-\$150.0
-\$2,634.5	-\$104.5	-\$132.0
Descriptive Statistics		
Cumulative	Construction Phase (2011-2015) Average	Operations Phase (2016-2031) Average
NA	202	9
\$190,202.3	\$15,218.8	\$7,131.8
\$28,690.6	\$6,165.4	-\$133.5
NOT REPORTED		

Notes:  
1. NA means not applicable.  
2. Differences in the total average compared to the summation of the individual component averages due to rounding.