

## Exhibit GES-1

### Projection of Future Revenues Required by Pennichuck Water Works

	Multipliers	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Calculation of Rate Base</b>											
Rate Base requested in DW 04-056		44,627,473									
Capital Additions 2004-2006		44,808,000									
3 year depr on 2003 UPIS		(7,583,991)									
2006 Rate Base		81,851,482									
Prior Year Rate Base			81,851,482	81,924,669	82,008,959	82,208,471	82,526,129	82,965,858	83,531,577	84,227,205	85,056,659
Depreciation on 2003 Assets			(2,527,997)	(2,527,997)	(2,527,997)	(2,527,997)	(2,527,997)	(2,527,997)	(2,527,997)	(2,527,997)	(2,527,997)
Depreciation on 2004-2006 Adds.			(1,209,816)	(1,209,816)	(1,209,816)	(1,209,816)	(1,209,816)	(1,209,816)	(1,209,816)	(1,209,816)	(1,209,816)
Capital Plan Additions			3,811,000	3,925,000	4,043,000	4,164,000	4,289,000	4,418,000	4,551,000	4,688,000	4,829,000
Deprec. On Capital Plan Adds.	2.7%			(102,897)	(105,675)	(108,528)	(111,459)	(114,468)	(117,559)	(120,733)	(123,993)
<b>New Rate Base</b>		81,851,482	81,924,669	82,008,959	82,208,471	82,526,129	82,965,858	83,531,577	84,227,205	85,056,659	86,023,853
Revenue Requirement	8.68%	7,104,709	7,111,061	7,118,378	7,135,695	7,163,268	7,201,436	7,250,541	7,310,921	7,382,918	7,466,870
<b>Calculation of Revenues</b>											
2006 Revenue from DW 04-056		18,301,000									
Current Year Base Water Revenue			27,415,060	27,415,060	27,415,060	30,524,280	30,524,280	30,524,280	32,825,026	32,825,026	32,825,026
Rate Increase		9,114,060	0	0	3,109,220	0	0	2,300,746	0	0	2,896,918
Water Revenue		27,415,060	27,415,060	27,415,060	30,524,280	30,524,280	30,524,280	32,825,026	32,825,026	32,825,026	35,721,944
Jobbing/Other Revenue	3%	1,015,000	1,045,450	1,076,814	1,109,118	1,142,391	1,176,663	1,211,963	1,248,322	1,285,772	1,324,345
Total Water Operating Revenue		28,430,060	28,460,510	28,491,874	31,633,398	31,666,671	31,700,943	34,036,989	34,073,348	34,110,798	37,046,289
Op. & Maint. Expense	6%	8,400,000	8,904,000	9,438,240	10,004,534	10,604,806	11,241,095	11,915,561	12,630,494	13,388,324	14,191,623
Depreciation		2,527,997	3,737,813	3,840,710	3,843,488	3,846,341	3,849,272	3,852,281	3,855,372	3,858,546	3,861,806
Amort. Of CIAC	0%	(350,000)	(350,000)	(350,000)	(350,000)	(350,000)	(350,000)	(350,000)	(350,000)	(350,000)	(350,000)
Amort of Acq. Adjustment	0%	(40,000)	(40,000)	(40,000)	(40,000)	(40,000)	(40,000)	(40,000)	(40,000)	(40,000)	(40,000)
Other Amort. Expense	0%	275,000	275,000	275,000	275,000	275,000	275,000	275,000	275,000	275,000	275,000
Taxes Other than Income	3%	2,000,000	2,060,000	2,121,800	2,185,454	2,251,018	2,318,548	2,388,105	2,459,748	2,533,540	2,609,546
Jobbing Expense & Other Income	3%	335,000	345,050	355,402	366,064	377,045	388,357	400,008	412,008	424,368	437,099
Operating Expense		13,147,997	14,931,863	15,641,152	16,284,540	16,964,211	17,682,272	18,440,954	19,242,621	20,089,778	20,985,074
Net Income before Interest & FIT		15,282,063	13,528,647	12,850,722	15,348,858	14,702,460	14,018,672	15,596,035	14,830,727	14,021,020	16,061,214
Interest Expense	6.5%	2,926,190	2,928,807	2,931,820	2,938,953	2,950,309	2,966,029	2,986,254	3,011,123	3,040,776	3,075,353
Taxable Income		12,355,873	10,599,840	9,918,902	12,409,905	11,752,151	11,052,642	12,609,782	11,819,604	10,980,244	12,985,862
Income Taxes	42.5%	5,251,246	4,504,932	4,215,533	5,274,210	4,994,664	4,697,373	5,359,157	5,023,332	4,666,604	5,518,991
Net Income		7,104,627	6,094,908	5,703,369	7,135,695	6,757,487	6,355,269	7,250,624	6,796,272	6,313,640	7,466,870
Return on Rate Base		8.68%	7.44%	6.95%	8.68%	8.19%	7.66%	8.68%	8.07%	7.42%	8.68%
Required Rate Increase		49.80%			11.34%			7.5%			8.8%
Total from rate increases 2006-2015		125,005,042									

## Exhibit GES-2

### Projection of Future Revenues Required by Pennichuck East Utility

	Multipliers	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Calculation of Rate Base											
2003 Rate Base		10,304,567									
Capital Additions 2004-2006		3,900,000									
3 year depr on 2003 UPIS		(1,561,701)									
2006 Rate Base		12,642,866									
Prior Year Rate Base			12,642,866	13,387,199	14,145,498	14,944,386	15,785,080	16,668,835	17,596,943	18,570,734	19,591,579
Depreciation on 2003 Assets			(520,567)	(520,567)	(520,567)	(520,567)	(520,567)	(520,567)	(520,567)	(520,567)	(520,567)
Depreciation on 2004-2006 Adds.			(74,100)	(74,100)	(74,100)	(74,100)	(74,100)	(74,100)	(74,100)	(74,100)	(74,100)
Capital Plan Additions	3%		1,339,000	1,379,170	1,420,545	1,463,161	1,507,056	1,552,268	1,598,836	1,646,801	1,696,205
Deprec. On Capital Plan Adds.	1.9%		(26,204)	(26,204)	(26,990)	(27,800)	(28,634)	(29,493)	(30,378)	(31,289)	(32,228)
<b>New Rate Base</b>		12,642,866	13,387,199	14,145,498	14,944,386	15,785,080	16,668,835	17,596,943	18,570,734	19,591,579	20,660,889
Revenue Requirement	8.68%	1,097,401	1,162,009	1,227,829	1,297,173	1,370,145	1,446,855	1,527,415	1,611,940	1,700,549	1,793,365
Calculation of Revenues											
Current Year Base Water Revenue		3,009,000	4,970,095	4,970,095	4,970,095	5,908,218	5,908,218	5,908,218	6,888,669	6,888,669	6,888,669
Rate Increase		1,961,095	0	0	938,124	0	0	980,451	0	0	1,146,909
Water Revenue		4,970,095	4,970,095	4,970,095	5,908,218	5,908,218	5,908,218	6,888,669	6,888,669	6,888,669	8,035,579
Jobbing/Other Revenue	3%	62,000	63,860	65,776	67,749	69,782	71,875	74,031	76,252	78,540	80,896
Total Water Operating Revenue		5,032,095	5,033,955	5,035,870	5,975,967	5,978,000	5,980,093	6,962,700	6,964,921	6,967,209	8,116,475
Op. & Maint. Expense	6%	2,000,000	2,120,000	2,247,200	2,382,032	2,524,954	2,676,451	2,837,038	3,007,261	3,187,696	3,378,958
Depreciation		520,567	594,667	620,871	621,657	622,467	623,301	624,160	625,045	625,956	626,895
Amort. Of CIAC	0%	(89,000)	(89,000)	(89,000)	(89,000)	(89,000)	(89,000)	(89,000)	(89,000)	(89,000)	(89,000)
Amort of Acq. Adjustment	0%	(185,000)	(185,000)	(185,000)	(185,000)	(185,000)	(185,000)	(185,000)	(185,000)	(185,000)	(185,000)
Other Amort. Expense	0%	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000
Taxes Other than Income	3%	332,000	341,960	352,219	362,785	373,669	384,879	396,425	408,318	420,568	433,185
Jobbing Expense & Other Income	3%	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	3,914
Operating Expense		2,671,567	2,875,717	3,039,473	3,185,753	3,340,466	3,504,109	3,677,206	3,860,313	4,054,020	4,258,952
Net Income before Interest & FIT		2,360,528	2,158,238	1,996,398	2,790,214	2,637,533	2,475,984	3,285,495	3,104,608	2,913,189	3,857,523
Interest Expense	6.5%	451,982	478,592	505,702	534,262	564,317	595,911	629,091	663,904	700,399	738,627
Taxable Income		1,908,545	1,679,645	1,490,696	2,255,952	2,073,217	1,880,073	2,656,404	2,440,705	2,212,790	3,118,896
Income Taxes	42.5%	811,132	713,849	633,546	958,780	881,117	799,031	1,128,972	1,037,299	940,436	1,325,531
Net Income		1,097,413	965,796	857,150	1,297,173	1,192,100	1,081,042	1,527,432	1,403,405	1,272,354	1,793,365
Return on Rate Base		8.68%	7.21%	6.06%	8.68%	7.55%	6.49%	8.68%	7.56%	6.49%	8.68%
Required Rate Increase		65.17%			18.88%			16.6%			16.6%
Total from rate increases 2006-2015		31,246,524									

## Exhibit GES-3

### Projection of Future Revenues Required by Pittsfield Aqueduct Company

	Mulipliers	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Calculation of Rate Base											
2003 Rate Base		1,657,664									
Capital Additions 2004-2006		240,000									
3 year depr on 2003 UPIS		(15,840)									
2006 Rate Base		1,881,824									
Prior Year Rate Base			1,881,824	1,883,687	1,886,292	1,891,699	1,899,995	1,911,264	1,925,596	1,943,084	1,963,821
Depreciation on 2003 Assets			(75,000)	(75,000)	(75,000)	(75,000)	(75,000)	(75,000)	(75,000)	(75,000)	(75,000)
Depreciation on 2004-2006 Add.			(15,837)	(15,837)	(15,837)	(15,837)	(15,837)	(15,837)	(15,837)	(15,837)	(15,837)
Capital Plan Additions	3%		92,700	95,481	98,345	101,296	104,335	107,465	110,689	114,009	117,430
Deprec. On Capital Plan Add.	2.2%			(2,039)	(2,101)	(2,164)	(2,229)	(2,295)	(2,364)	(2,435)	(2,508)
<b>New Rate Base</b>		1,881,824	1,883,687	1,886,292	1,891,699	1,899,995	1,911,264	1,925,596	1,943,084	1,963,821	1,987,905
Revenue Requirement	8.68%	163,342	163,504	163,730	164,200	164,920	165,898	167,142	168,660	170,460	172,550
Calculation of Revenues											
2006 Revenue from DW 04-056											
Current Year Base Water Revenue		442,000	698,852	698,852	698,852	698,852	740,761	740,761	740,761	740,761	792,926
Rate Increase		256,852	0	0	0	41,909	0	0	0	52,165	0
Water Revenue		698,852	698,852	698,852	698,852	740,761	740,761	740,761	740,761	792,926	792,926
Jobbing/Other Revenue	3%	40,000	41,200	42,436	43,709	45,020	46,371	47,762	49,195	50,671	52,191
Total Water Operating Revenue		738,852	740,052	741,288	742,561	785,781	787,132	788,523	789,956	843,597	845,117
Op. & Maint. Expense	3%	226,000	232,780	239,763	246,956	254,365	261,996	269,856	277,951	286,290	294,879
Depreciation		90,000	90,837	92,876	92,938	93,001	93,066	93,132	93,201	93,272	93,345
Amort. Of CIAC	0%	(38,000)	(38,000)	(38,000)	(38,000)	(38,000)	(38,000)	(38,000)	(38,000)	(38,000)	(38,000)
Amort of Acq. Adjustment	0%	0	0	0	0	0	0	0	0	0	0
Other Amort. Expense	0%	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500
Taxes Other than Income	3%	97,000	99,910	102,907	105,995	109,174	112,450	115,823	119,298	122,877	126,563
Jobbing Expense & Other Income	3%	0	0	0	0	0	0	0	0	0	0
Operating Expense		387,500	398,027	410,047	420,388	431,040	442,011	453,311	464,950	476,939	489,287
Net Income before Interest & FIT		351,352	342,025	331,241	322,173	354,741	345,121	335,212	325,005	366,658	355,830
Interest Expense	6.5%	67,275	67,342	67,435	67,628	67,925	68,328	68,840	69,465	70,207	71,068
Taxable Income		284,077	274,683	263,806	254,545	286,817	276,793	266,372	255,540	296,452	284,763
Income Taxes	42.5%	120,733	116,740	112,118	108,181	121,897	117,637	113,208	108,605	125,992	121,024
Net Income		163,344	157,943	151,688	146,363	164,920	159,156	153,164	146,936	170,460	163,738
Return on Rate Base		8.68%	8.38%	8.04%	7.74%	8.68%	8.33%	7.95%	7.56%	8.68%	8.24%
Required Rate Increase		58.11%				6.0%				7.0%	
Total from rate increases 2006-2015		2,924,305									

## Exhibit GES-4 Trended Revenues and Expenses of Pennichuck Water Works

Acct #	Name	1	2	3	4	5	8	Annual Growth Rate
		1999	2000	2001	2002	2003	Trend to 2006 2006 Proforma Estimate	
<b>Water Operating Revenue</b>								
461	Metered Sales	10,731,638	10,277,926	11,266,414	12,431,345	12,361,390	12,400,000	
						DW 04-056 Increase	2,400,000	
462	Fire Protection	2,128,067	2,170,685	2,244,120	2,275,725	2,308,687	2,458,597	2%
463	Sales for Resale	24,090	36	41,109	25,209	16,893	26,857	-7%
	Sales of Water	12,883,795	12,448,647	13,551,643	14,732,279	14,686,970	14,886,000	3%
471	Misc. Service Revenues	273,598	319,071	162,470	183,342	186,634	190,000	-7%
473	Unbilled Water	(68,019)	25,045	205,072	106,915	133,221	150,000	-214%
474	Other Water Revenues				70,698	72,269	76,982	1%
400	<b>Total Water Operating Rev.</b>	<b>13,089,374</b>	<b>12,792,763</b>	<b>13,919,185</b>	<b>15,093,234</b>	<b>15,079,094</b>	<b>15,301,000</b>	<b>3%</b>
401	Op. & Maint. Expense	5,606,261	5,917,251	6,324,243	6,324,437	7,490,402	8,420,253	6%
403	Depreciation	1,870,546	2,042,245	2,197,590	2,379,827	2,527,997	3,029,883	6%
405	Amortization of CIAC	(162,227)	(192,563)	(215,450)	(241,646)	(271,127)	(350,044)	11%
406	Amort. Of Acquisition Adj.	(11,052)	(15,708)	(38,808)	(24,949)	(24,949)	(41,611)	18%
407	Other Amort. Expense	82,692	92,709	124,553	177,267	213,763	311,547	21%
408	Taxes Other Than Income	1,626,831	1,733,340	1,712,601	1,675,829	1,890,773	1,963,061	3%
409	Income Taxes	1,005,312	713,800	954,413	1,333,303	695,890	940,873	-7%
	<b>Total Operating Expense</b>	<b>10,018,363</b>	<b>10,291,074</b>	<b>11,059,142</b>	<b>11,624,068</b>	<b>12,522,749</b>	<b>14,273,962</b>	<b>5%</b>
	<b>Net Utility Operating Income</b>	<b>3,071,011</b>	<b>2,501,689</b>	<b>2,860,043</b>	<b>3,469,166</b>	<b>2,556,345</b>	<b>1,016,000</b>	<b>-4%</b>
<b>Other Income/Deductions</b>								
415	Jobbing Income	395,772	465,247	382,328	484,186	532,702	600,000	6%
416	Cost of Jobbing	(181,648)	(212,262)	(199,389)	(210,904)	(328,212)	(340,000)	13%
419	Interest & Dividend Income	258	651	2,100	163	38	300	-32%
421	Nonutility Income	0	2,851	77,520	48,096	54,933	114,236	
426	Misc. Nonutility Expense	(2,636)	(2,281)	(14,360)	(39,265)	(10,733)	(40,444)	32%
	<b>Total Other Income</b>	<b>211,746</b>	<b>254,206</b>	<b>248,199</b>	<b>282,276</b>	<b>248,728</b>	<b>335,300</b>	<b>3%</b>
<b>Interest Expense</b>								
427	Interest Expense	1,613,389	1,536,942	1,538,259	1,580,439	1,605,391	1,588,635	0%
428	Amort. Of Debt Discount & Exp.	31,227	31,439	31,468	32,227	31,876	32,690	0%
	<b>Total Interest Expense</b>	<b>1,644,616</b>	<b>1,568,381</b>	<b>1,569,727</b>	<b>1,612,666</b>	<b>1,637,267</b>	<b>1,621,325</b>	<b>0%</b>
	<b>Net Income</b>	<b>1,638,141</b>	<b>1,187,514</b>	<b>1,538,515</b>	<b>2,138,776</b>	<b>1,167,806</b>	<b>(265,700)</b>	<b>-7%</b>
Sources: Annual Reports to NH Public Utilities Commission. New rates effective for 1999.								
	Water Sold (Mg)	4,904.7	4,646.3	4,974.4	4,841.7	4,618.3	4,608.4	-1%
	(Ccf)	6,556,574	6,211,119	6,649,767	6,472,359	6,173,701	6,160,451	
	Customers	23,456	23,134	23,634	24,671	24,494	25,684	1%

**Exhibit GES-5**  
**Trended Revenues and Expenses of Pennichuck East Utility**

Acct #	Name	Ref Sch.	1 1998 (9 months)	2 1999	3 2000	4 2001	5 2002	6 2003	8 Trend to 2006	2006 Proforma Estimate	Annual Change
<b>Water Operating Revenue</b>											
461	Metered Sales	F-47	1,621,574	2,361,100	2,253,177	2,627,210	2,741,253	2,706,507	3,009,405	3,009,000	3%
462	Fire Protection	F-47	156,482	212,622	214,293	227,732	245,036	260,423	282,559	283,000	4%
463	Sales for Resale	F-47									
	Sales of Water		1,778,056	2,573,722	2,467,470	2,854,942	2,986,289	2,966,930	3,291,965	3,292,000	3%
471	Misc. Service Revenues	F-47	2,256	23,470	21,960	28,237	29,460	32,395	37,244	37,000	7%
474	Unbilled Water	F-47	150,000	8,000	(5,000)	11,937	81,830	(20,136)	27,549	25,000	
400	Total Water Operating Rev.		1,930,312	2,605,192	2,484,430	2,895,116	3,097,579	2,979,189	3,356,758	3,354,000	3%
401	Op. & Maint. Expense	F-48	868,304	1,174,809	1,256,192	1,394,348	1,564,662	1,716,654	1,978,197	2,000,000	8%
403	Depreciation	F-12	279,307	380,306	392,058	435,154	470,474	520,526	583,246	585,000	6%
405	Amortization of CIAC	F-46.4	(734)	(2,490)	(14,765)	(33,709)	(46,693)	(58,220)	(88,531)	(89,000)	88%
406	Amort. Of Acquisition Adj.	F-49	(150,852)	(203,414)	(198,757)	(198,756)	(195,996)	(191,412)	(186,961)	(185,000)	-1%
407	Other Amort. Expense	F-49	1,176	9,408	16,899	22,764	63,114	60,004	93,401	90,000	45%
408	Taxes Other Than Income	F-50	273,579	328,272	301,988	354,707	335,342	316,742	331,528	332,000	-1%
409	Income Taxes	F-50	173,425	253,282	184,561	254,066	249,226	102,628	114,095	114,000	-17%
	Total Operating Expense		1,444,205	1,940,173	1,938,176	2,228,574	2,440,129	2,466,922	2,824,975	2,847,000	5%
	Net Utility Operating Income		486,107	665,019	546,254	666,542	657,450	512,267	531,783	507,000	-5%
<b>Other Income/Deductions</b>											
415	Jobbing Income	F-53									
416	Cost of Jobbing	F-53		(89)	(19)	(9)					
419	Interest & Dividend Income	F-54	1,651	3,594	4,673	2,975				3,000	
426	Misc. Nonutility Expense	F-54						4,261			
	Total Other Income		1,651	3,505	4,654	2,966	0	4,261	0	3,000	4%
<b>Interest Expense</b>											
427	Interest Expense	F-35	213,275	268,464	257,077	273,623	269,505	321,527	325,461	325,000	4%
428	Amort. Of Debt Discount & Exp.	F-25	6,399	8,532	8,532	8,532	7,968	8,532	8,194	8,200	0%
			219,674	276,996	265,609	282,155	277,473	330,059	333,654	333,200	4%
	<b>Net Income</b>		268,084	391,528	285,299	387,353	379,977	186,469	198,129	176,800	-14%
Sources: Annual Reports to NH Public Utilities Commission											
	Water Sold (Mg)			332.7	387.3	357.7	373.5	371.1	389.6	390.0	2%
	(Ccf)			444,765.4	517,727.9	478,106.5	499,330.9	496,023.7	520,838.7	521,352	
	Customers			3,915	4,006	4,140	4,314	4,456	4,722	4,725	3%

**Exhibit GES-6**  
**Trended Revenues and Expenses of Pittsfield Aqueduct Company**

Acct #	Name	2 2000	3 2001	4 2002	5 2003	8 Trend to 2006	2006 Proforma Estimate	Annual Change
<b>Water Operating Revenue</b>								
461	Metered Sales	290,939	290,950	287,302	285,614	279,871	280,000	-0.4%
462	Fire Protection	118,712	120,367	120,254	120,468	122,270	122,000	0%
463	Sales for Resale							
	Sales of Water	409,651	411,317	407,556	406,082	402,141	402,000	0%
471	Misc. Service Revenues	25,818	3,212	4,975	4,683	(18,067)	5,000	-29%
474	Unbilled Water	(2,000)	0	(24,606)	36,157	42,827	35,000	-278%
400	Total Water Operating Rev.	433,469	414,529	387,925	446,922	426,901	442,000	1%
401	Op. & Maint. Expense	155,829	202,398	167,647	200,262	225,881	226,000	5%
403	Depreciation	58,279	64,835	71,026	74,570	91,956	90,000	5%
405	Amortization of CIAC	(15,867)	(20,898)	(25,929)	(25,929)	(38,003)	(38,000)	10%
406	Amort. Of Acquisition Adj.							
407	Other Amort. Expense	19,899	13,567	13,283	17,309	12,390	12,500	-3%
408	Taxes Other Than Income	65,300	69,638	77,611	80,200	96,890	97,000	4%
409	Income Taxes	30,795	9,049	11,057	15,532	(3,093)	15,000	-13%
	Total Operating Expense	314,235	338,589	314,695	361,944	386,021	402,500	3%
	Net Utility Operating Income	119,234	75,940	73,230	84,978	40,880	39,500	-7%
<b>Other Income/Deductions</b>								
415	Jobbing Income							
416	Cost of Jobbing	(89)						
419	Interest & Dividend Income							
421	Nonutility Income							
426	Misc. Nonutility Expense							
	Total Other Income	(89)	0			445	0	
<b>Interest Expense</b>								
427	Interest Expense	70,615	61,218	55,449	60,371	45,488	50,000	-3%
428	Amort. Of Debt Discount & Exp.	927	926	926	927	927	1,000	0%
		71,542	62,144	56,375	61,298	46,414	51,000	
	<b>Net Income</b>	47,603	13,796	16,855	23,680	(5,089)	(11,500)	
Sources: Annual Reports to NH Public Utilities Commission. New rates effective 2000								
	Water Sold (Mg)	57.4	57.3	56.0	55.4	53.2	54.0	-1%
	(Ccf)	76,773.8	76,592.0	74,830.1	74,090.8	71,156.8	72,187	
	Customers	613	626	639	642	675	670	1%

**Exhibit GES-7**  
**Consolidated Financial Plan for Acquired Pennichuck Utility Assets**

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Revenues</b>										
Metered Sales	20,766,338	21,429,870	22,116,662	22,851,909	23,587,930	24,349,994	25,139,109	25,989,757	26,836,162	27,712,898
Fire Protection	3,257,251	3,408,993	3,568,150	3,745,675	3,920,768	4,104,417	4,297,042	4,513,649	4,725,561	4,947,830
Sales for Resale	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000
Jobbing/Other	1,117,000	1,169,452	1,200,818	1,233,124	1,266,399	1,300,673	1,335,975	1,372,336	1,409,788	1,448,363
<b>Total Revenue</b>	<b>25,166,589</b>	<b>26,034,315</b>	<b>26,911,630</b>	<b>27,856,708</b>	<b>28,801,097</b>	<b>29,781,085</b>	<b>30,798,126</b>	<b>31,901,742</b>	<b>32,997,511</b>	<b>34,135,091</b>
<b>Expenses</b>										
Operation & Maint.	8,946,000	9,515,980	10,123,155	10,770,008	11,459,189	12,193,529	12,976,054	13,809,997	14,698,812	15,646,190
Debt Service	8,301,437	8,301,437	8,301,437	8,301,437	8,301,437	8,301,437	8,301,437	8,301,437	8,301,437	8,301,437
PILOT	2,429,000	2,501,870	2,576,926	2,654,234	2,733,862	2,815,878	2,900,353	2,987,364	3,076,985	3,169,294
Jobbing Expense	340,000	353,600	367,744	382,454	397,752	413,662	430,208	447,416	465,313	483,926
Capital Repairs	5,090,000	5,242,700	5,399,651	5,561,890	5,728,456	5,900,390	6,077,732	6,260,524	6,448,810	6,642,634
<b>Total Expense</b>	<b>25,106,437</b>	<b>25,915,587</b>	<b>26,768,913</b>	<b>27,670,023</b>	<b>28,620,696</b>	<b>29,624,896</b>	<b>30,685,784</b>	<b>31,806,738</b>	<b>32,991,357</b>	<b>34,243,481</b>
<b>Net Income</b>	<b>60,152</b>	<b>118,728</b>	<b>142,717</b>	<b>186,685</b>	<b>180,401</b>	<b>156,189</b>	<b>112,342</b>	<b>95,004</b>	<b>6,154</b>	<b>(108,390)</b>
<b>Cumulative Income</b>	<b>60,152</b>	<b>178,879</b>	<b>321,596</b>	<b>508,281</b>	<b>688,682</b>	<b>844,871</b>	<b>957,213</b>	<b>1,052,217</b>	<b>1,058,371</b>	<b>949,981</b>

**Debt Service Calculations**

	Acquisition	WTP Plant Upgrade & Fifield Tank	Acquisition Debt Service Allocation	
Bond	87,000,000	30,000,000	PWW	85%
Rate	5.0%	5.0%	PEU	13%
Length	25	25	PAC	2%
Annual Payment	6,172,864	2,128,574		<u>100%</u>

## Exhibit GES-8

### Financial Plan for Acquired Pennichuck Water Works Assets

	Inflation /Escal.	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Revenues											
Beginning Metered Sales		14,800,000	16,428,000	16,887,984	17,360,848	17,846,951	18,346,666	18,860,373	19,388,463	19,931,340	20,489,417
Rate Increase		1,628,000	459,984	472,864	486,104	499,715	513,707	528,090	542,877	558,078	573,704
Metered Sales		16,428,000	16,887,984	17,360,848	17,846,951	18,346,666	18,860,373	19,388,463	19,931,340	20,489,417	21,063,121
Beginning Fire Protection		2,460,000	2,730,600	2,863,198	3,002,235	3,148,023	3,300,891	3,461,183	3,629,258	3,805,494	3,990,289
Rate Increase + Growth	2%	270,600	132,598	139,037	145,789	152,868	160,291	168,075	176,237	184,795	193,768
Fire Protection		2,730,600	2,863,198	3,002,235	3,148,023	3,300,891	3,461,183	3,629,258	3,805,494	3,990,289	4,184,058
Sales for Resale		26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000
Other Income	3%	1,015,000	1,045,450	1,076,814	1,109,118	1,142,391	1,176,663	1,211,963	1,248,322	1,285,772	1,324,345
Total Revenue		20,199,600	20,822,632	21,465,896	22,130,093	22,815,949	23,524,218	24,255,684	25,011,156	25,791,478	26,597,524
Expenses											
Operation & Maint.	6%	6,720,000	7,123,200	7,550,592	8,003,628	8,483,846	8,992,877	9,532,450	10,104,397	10,710,661	11,353,301
Debt Service											
Acquisition		5,246,934	5,246,934	5,246,934	5,246,934	5,246,934	5,246,934	5,246,934	5,246,934	5,246,934	5,246,934
Tank & Plant Upgrades		2,128,574	2,128,574	2,128,574	2,128,574	2,128,574	2,128,574	2,128,574	2,128,574	2,128,574	2,128,574
PILOT	3%	2,000,000	2,060,000	2,121,800	2,185,454	2,251,018	2,318,549	2,388,105	2,459,748	2,533,540	2,609,546
Jobbing Expense	4%	340,000	353,600	367,744	382,454	397,752	413,662	430,208	447,416	465,313	483,926
Capital Repairs		3,700,000	3,811,000	3,925,000	4,043,000	4,164,000	4,289,000	4,418,000	4,551,000	4,688,000	4,829,000
Total Expense		20,135,508	20,723,308	21,340,644	21,990,044	22,672,124	23,389,596	24,144,271	24,938,069	25,773,022	26,651,281
Net Income		64,092	99,324	125,252	140,049	143,825	134,622	111,413	73,087	18,456	(53,757)
Cumulative Income		64,092	163,416	288,668	428,716	572,541	707,163	818,576	891,664	910,120	856,363
Rate Increase		11.0%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%
Base Trended Historic O&M		8,400,000									
Less: non-municipal expenses		20%									
Contracted O&M		6,720,000									
Rate Increases 2006-2015		48,118,392									

## Exhibit GES-9

### Financial Plan for Acquired Pennichuck East Utility Assets

	Inflation/ Escal.	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Revenues											
Beginning Metered Sales		3,009,000	3,991,138	4,194,686	4,408,615	4,633,454	4,869,760	5,118,118	5,379,142	5,653,478	5,941,805
Rate Increase + Growth	2%	982,138	203,548	213,929	224,839	236,306	248,358	261,024	274,336	288,327	303,032
Metered Sales		3,991,138	4,194,686	4,408,615	4,633,454	4,869,760	5,118,118	5,379,142	5,653,478	5,941,805	6,244,838
Beginning Fire Protection		283,000	375,371	394,515	414,635	435,782	458,007	481,365	505,915	531,716	558,834
Rate Increase + Growth	2%	92,371	19,144	20,120	21,146	22,225	23,358	24,550	25,802	27,118	28,501
Fire Protection		375,371	394,515	414,635	435,782	458,007	481,365	505,915	531,716	558,834	587,334
Sales for Resale											
Other Income	3%	62,000	62,001	62,002	62,003	62,004	62,005	62,006	62,007	62,008	62,009
Total Revenue		4,428,509	4,651,202	4,885,252	5,131,239	5,389,771	5,661,488	5,947,062	6,247,201	6,562,647	6,894,181
Expenses											
Operation & Maint.	8%	2,000,000	2,160,000	2,332,800	2,519,424	2,720,978	2,938,656	3,173,748	3,427,648	3,701,860	3,998,009
Acquisition Debt Service		802,472	802,472	802,472	802,472	802,472	802,472	802,472	802,472	802,472	802,472
PILOT	3%	332,000	341,960	352,219	362,786	373,670	384,880	396,426	408,319	420,569	433,186
Jobbing Expense											
Capital Repairs	3%	1,300,000	1,339,000	1,379,170	1,420,545	1,463,161	1,507,056	1,552,268	1,598,836	1,646,801	1,696,205
Total Expense		4,434,472	4,643,432	4,866,661	5,105,227	5,360,281	5,633,064	5,924,914	6,237,275	6,571,702	6,929,872
Net Income		(5,963)	7,770	18,591	26,012	29,490	28,424	22,148	9,926	(9,055)	(35,691)
Cumulative Income		(5,963)	1,807	20,398	46,409	75,899	104,323	126,471	136,398	127,343	91,652
Rate Increase		32.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%	5.0%
Base Trended Historic O&M		2,000,000									
Less: non-municipal expenses		20%									
Contracted O&M		1,600,000									
Rate Increases 2006-2015		22,258,507									

**Exhibit GES-10**  
**Financial Plan for Acquired Pittsfield Aqueduct Company Assets**

	Inflation/E scal.	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Revenues</b>											
Beginning Metered Sales		280,000	347,200	347,200	347,200	371,504	371,504	371,504	371,504	404,939	404,939
Rate Increase + Growth	0%	67,200	0	0	24,304	0	0	0	33,435	0	0
Metered Sales		347,200	347,200	347,200	371,504	371,504	371,504	371,504	404,939	404,939	404,939
Beginning Fire Protection		122,000	151,280	151,280	151,280	161,870	161,870	161,870	161,870	176,438	176,438
Rate Increase + Growth	0%	29,280	0	0	10,590	0	0	0	14,568	0	0
Fire Protection		151,280	151,280	151,280	161,870	161,870	161,870	161,870	176,438	176,438	176,438
Sales for Resale											
Other Income	0%	40,000	62,001	62,002	62,003	62,004	62,005	62,006	62,007	62,008	62,009
<b>Total Revenue</b>		<b>538,480</b>	<b>560,481</b>	<b>560,482</b>	<b>595,377</b>	<b>595,378</b>	<b>595,379</b>	<b>595,380</b>	<b>643,384</b>	<b>643,385</b>	<b>643,386</b>
<b>Expenses</b>											
Operation & Maint.	3%	226,000	232,780	239,763	246,956	254,365	261,996	269,856	277,952	286,291	294,880
Acquisition Debt Service		123,457	123,457	123,457	123,457	123,457	123,457	123,457	123,457	123,457	123,457
PILOT	3%	97,000	99,910	102,907	105,994	109,174	112,449	115,822	119,297	122,876	126,562
Jobbing Expense		0	0	0	0	0	0	0	0	0	0
Capital Repairs	3%	90,000	92,700	95,481	98,345	101,295	104,334	107,464	110,688	114,009	117,429
<b>Total Expense</b>		<b>536,457</b>	<b>548,847</b>	<b>561,608</b>	<b>574,752</b>	<b>588,291</b>	<b>602,236</b>	<b>616,599</b>	<b>631,394</b>	<b>646,633</b>	<b>662,328</b>
<b>Net Income</b>		<b>2,023</b>	<b>11,634</b>	<b>(1,126)</b>	<b>20,625</b>	<b>7,087</b>	<b>(6,857)</b>	<b>(21,219)</b>	<b>11,990</b>	<b>(3,248)</b>	<b>(18,942)</b>
<b>Cumulative Income</b>		<b>2,023</b>	<b>13,657</b>	<b>12,531</b>	<b>33,156</b>	<b>40,242</b>	<b>33,385</b>	<b>12,165</b>	<b>24,156</b>	<b>20,908</b>	<b>1,966</b>
Rate Increase		24%			7%				9%		
Base Trended Historic O&M		200,000									
Less: non-municipal expenses		10%									
Contracted O&M		180,000									
Rate Increases 2006-2015		1,353,066									

**Exhibit GES-11**  
**Capital Investment Plan for Pennichuck Water Works Assets**  
**2006 - 2015**

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Pennichuck Water Works										
PWW's DW 04-056 Grand Total	18,768,000	8,108,000								
Deductions										
<u>Debt Financed</u>										
WTP	(14,000,000)									
UV Light Disinfection		(1,000,000)								
Fifield Tank #2		(2,050,000)								
<u>Defer/Eliminate</u>										
Data Processing	(750,000)	(750,000)								
Vulnerability Update	(200,000)									
1X Revenue Investment	(80,000)	(80,000)								
Subtotal Deductions	(15,030,000)	(3,880,000)								
Balance from Current Revenue	3,738,000	4,228,000								
PWW depreciation on original cost excluding WTP										
Upgrade			3,700,000	3,811,000	3,925,000	4,043,000	4,164,000	4,289,000	4,418,000	4,551,000
Inflation	3.0%									
Nashua Capital Repairs for PWW	3,700,000	3,811,000	3,925,000	4,043,000	4,164,000	4,289,000	4,418,000	4,551,000	4,688,000	4,829,000

## Exhibit GES-12

### Historical Pennichuck Utilities Capital Investments 1995 – 2003

Year	Pennichuck Water Works				Pennichuck East Utilities				Pittsfield Aqueduct				Total Net Capital Invest.		
	F-8 Additions	Less: CIAC Additions	Less: Other	Net Capital Invest.	F-8 Additions	Less: CIAC Additions	Less: Other	Net Capital Invest.	F-8 Additions	Less: CIAC Additions	Less: Other	Net Capital Invest.			
2003	5,437,939	1,343,459		4,094,480	3,339,738	697,925	917,257	1,724,556	82,216			82,216	5,901,252		
2002	6,464,691	2,414,465		4,050,226	1,746,216	869,590		876,626				0	4,926,852		
2001	5,672,950	826,072		4,846,878	2,086,458	844,660		1,241,798	554,487	507,962		46,525	6,135,201		
2000	5,874,006	2,190,656	827,572	2,855,778	2,746,901	1,565,132		1,181,769	78,609			78,609	4,116,156		
1999	6,270,146	1,743,747		4,526,399	571,785	199,891		371,894	98,714			98,714	4,997,007		
1998	4,065,060	606,638		3,458,422	272,408	59,170		213,238	258,423	10,381	75,551	172,491	3,844,151		
1997	5,195,776	101,666		5,094,110				0				0	5,094,110		
1996	3,517,547	538,542		2,979,005				0	11,251			11,251	2,990,256		
1995	2,045,174	1,373,377		671,797				0	59,755			59,755	731,552		
<u>1995-2003 Average</u>				3,619,677	<u>2000-2003 Average</u>				1,256,187	<u>1998-2003 Average</u>				79,759	Total of Averages 4,955,624
	<b>PWW 1999 Additions</b>	<b>PWW 1998 Additions</b>	<b>PWW 1997 Additions</b>	<b>PWW 1996 Additions</b>	<b>PWW 1995 Additions</b>										
PWW Core	5,874,006	4,024,938	5,011,739	3,110,943	1,746,379										
Rich	2,617	225	11,475	13,507	807										
HiLo	35,754	6,187	22,556	17,781	928										
Twin Ridge Drew/Bliss/ Hubbard	52,557	169	5,113	11,966	5,283										
Glenn Ridge	273,376	19,207	72,053	137,098	29,184										
Ashley	5,964	6,429	15,601	12,492	1,323										
Bedford	16,276	1,937	26,625	10,490	438										
Greatbrook	3,969	2,340	5,438	176,257	3,287										
Maple Haven	218		6,750		105,250										
Glennwoodlanc	2,042	3,628	13,841	14,396	4,581										
	3,367		4,585	12,617	147,714										
	6,270,146	4,065,060	5,195,776	3,517,547	2,045,174										

- Notes:
1. Additions to utility plant from F-8 pages of annual report to NH PUC
  2. CIAC additions from F-1 (Balance Sheet) and F-46 pages
  3. 2000 PWW "Other" is a transfer of assets from PEU
  4. PAC CIAC of \$17,795 and \$371,967 were for NH DES grants toward Water Treatment Plant
  5. 1998 PAC "Other" are franchise and organizational fees.
  6. We don't have the 1997 PAC Annual Report. Pennichuck reported ownership for 1998
  7. 2003 PEU "Other" is Litchfield storage tank & booster station