

- 1 Q. Compare the test year assumptions regarding gas turbine and diesel engine
2 usage against the record of usage for the past 10 years.
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5 A. Please refer to the following tables.

Hardwoods Gas Turbine

	Gross Generation (kWh)	Station Service (kWh)	Net Generation (kWh)	Fuel Consumed (gallons)
1992	2,030,400	3,383,760	(1,353,360)	130,836
1993	626,400	973,461	(347,061)	59,459
1994	2,822,400	1,901,507	920,893	274,783
1995	925,200	679,388	245,812	130,244
1996	972,000	685,972	286,028	71,207
1997	590,400	634,808	(44,408)	50,680
1998	557,200	761,470	(204,270)	59,100
1999	792,000	1,006,544	(214,544)	82,638
2000	223,200	885,632	(662,432)	33,739
2001	180,000	886,547	(706,547)	26,258
2002	244,800	811,633	(566,833)	41,036
Forecast 2003			1,500,000	110,536
Forecast 2004			1,220,000	89,902

Stephenville Gas Turbine

		Gross Generation (kWh)	Station Service (kWh)	Net Generation (kWh)	Fuel Consumed (gallons)
	1992	705,600	1,182,060	(476,460)	73,760
	1993	1,015,200	687,840	327,360	88,359
	1994	288,000	499,440	(211,440)	32,510
	1995	338,400	515,458	(177,058)	27,156
	1996	648,000	623,940	24,060	72,472
	1997	36,000	546,480	(510,480)	3,292
	1998	374,400	973,260	(598,860)	36,687
	1999	201,600	454,800	(253,200)	24,446
	2000	36,000	589,460	(553,460)	11,265
	2001	50,400	657,000	(606,600)	8,490
	2002	14,400	619,680	(605,280)	5,464
Forecast	2003			1,200,000	88,428
Forecast	2004			1,200,000	88,428

Holyrood Gas Turbine

		Gross Generation (kWh)	Station Service (kWh)	Net Generation (kWh)	Fuel Consumed (gallons)
	1992	215,000	0	215,000	N/A
	1993	156,100	0	156,100	N/A
	1994	471,000	0	471,000	N/A
	1995	124,000	0	124,000	N/A
	1996	255,000	0	255,000	N/A
	1997	189,000	0	189,000	19,296
	1998	248,000	0	248,000	26,425
	1999	296,000	0	296,000	35,761
	2000	124,000	0	124,000	17,500
	2001	120,000	0	120,000	14,315
	2002	107,000	0	107,000	13,955
Forecast	2003			360,000	26,531
Forecast	2004			240,000	17,688

Hawkes Bay Diesel Plant

		Gross Generation (kWh)	Station Service (kWh)	Net Generation (kWh)	Fuel Consumed (gallons)
	1992	192,000		192,000	12,915
	1993	168,000		168,000	11,531
	1994	115,200		115,200	8,468
	1995	600,000		600,000	38,386
	1996	600,000		600,000	39,011
	1997	129,600		129,600	9,672
	1998	115,888		115,888	8,092
	1999	170,056		170,056	11,492
	2000	51,100	199,960	(148,860)	4,947
	2001	79,692	226,420	(146,728)	6,060
	2002	87,150	235,040	(147,890)	6,508
Forecast	2003			132,000	8,304
Forecast	2004			132,000	8,304

St. Anthony Diesel Plant

		Gross Generation (kWh)	Station Service (kWh)	Net Generation (kWh)	Fuel Consumed (gallons)
	1992			0	
	1993			0	
	1994			0	
	1995			0	
	1996	1,051,700	82,200	969,500	110,272
	1997	257,398	459,600	(202,202)	19,136
	1998	395,200	406,400	(11,200)	30,300
	1999	216,000	396,000	(180,000)	17,136
	2000	139,200	366,800	(227,600)	8,596
	2001	206,400	369,600	(163,200)	13,372
	2002	256,030	376,400	(120,370)	16,002
Forecast	2003			204,000	12,840
Forecast	2004			204,000	12,840

Roddickton Diesel Plants

	Gross Generation (kWh)	Station Service (kWh)	Net Generation (kWh)	Fuel Consumed (gallons)
1992			0	
1993			0	
1994			0	
1995			0	
1996	180,960	51,180	129,780	12,939
1997	66,000	116,980	(50,980)	5,266
1998	122,400	90,560	31,840	8,050
1999	19,800	74,240	(54,440)	875
2000	0	77,600	(77,600)	0
2001	43,800	63,660	(19,860)	2,689
2002	20,400	45,420	(25,020)	1,562
Forecast 2003			24,000	1,512
Forecast 2004			24,000	1,512