

**SAINT ANTHONY'S
COMMONWEALTH AVENUE
BRONX, N.Y.**

INTELLICON™ SAVINGS ANALYSIS

HEATING DEGREE DAYS (HDD)

<u>MONTH</u>	<u>1997/1998</u>	<u>1998/1999</u>
October	278	225
November	610	500
December	827	671
January	767	941
<u>February</u>	<u>678</u>	<u>671</u>
TOTAL	3160	3008

Heating Degree Days total for the 1997/1998 period in question = 3160

Heating Degree Days total for the 1998/1999 period in question = 3008

Deviation between the two periods = 152
 Percentage Deviation = 4.81 %

1998/1999 was 4.81 % warmer than the 1997/1998 period in question

Fuel Consumption

<u>MONTH</u>	<u>1997/1998</u>	<u>1998/1999</u>
October	1438.0	939.9
November	934.0	406.0
December	1260.5	201.2
January	469.0	120.6
<u>February</u>	<u>1812.1</u>	<u>2253.0</u>
TOTAL	5913.7	3920.7

Heating Degree Day Adjustment

In 1997/1998 for 3160 HDD, Actual fuel consumption = 5913.7 gallons
 In 1998/1999 for 3008 HDD, Actual fuel consumption = 3920.7 gallons
 In 1998/1999 for 3008 HDD, **Adjusted** consumption = 5629.2 gallons

Fuel Savings Calculation

Actual 1998/1999 Fuel usage = 3920.7gallons
 Adjusted 1998/1999 Fuel usage = 5629.2gallons

SAVINGS = 1708.5 GALLONS
PERCENTAGE SAVINGS = 30.35 %

SAVINGS4 REV

**SAINT ANTHONY
YULAN, N.Y.**

INTELLICON™ SAVINGS ANALYSIS

HEATING DEGREE DAYS (HDD)

<u>MONTH</u>	<u>1997/1998</u>	<u>1998/1999</u>
October	491	414
November	898	750
December	1127	837
<u>January</u>	<u>1011</u>	<u>1227</u>
TOTAL	3527	3228

Heating Degree Days total for the 1997/1998 period in question = 3527

Heating Degree Days total for the 1998/1999 period in question = 3228

Deviation between the two periods = 299
 Percentage Deviation = 8.48 %

1998/1999 was 8.48 % warmer than the 1997/1998 period in question

Fuel Consumption

<u>MONTH</u>	<u>1997/1998</u>	<u>1998/1999</u>
May	279.0	-----
October	-----	-----
November	342.7	427.3
December	-----	-----
<u>January</u>	<u>311.7</u>	<u>286.8</u>
TOTAL	933.4	714.1

Heating Degree Day Adjustment

In 1997/1998 for 3527 HDD, Actual fuel consumption = 933.4 gallons
 In 1998/1999 for 3228 HDD, Actual fuel consumption = 714.1 gallons
 In 1998/1999 for 3228 HDD, **Adjusted** consumption = 854.3 gallons

Fuel Savings Calculation

Actual 1998/1999 Fuel usage = 714.1 gallons
 Adjusted 1998/1999 Fuel usage = 854.3 gallons

SAVINGS = 140.2 GALLONS
PERCENTAGE SAVINGS = 16.41 %

SAVINGS8

**SAINT PETER'S
MONTICELLO, N.Y.**

INTELLICON™ SAVINGS ANALYSIS

HEATING DEGREE DAYS (HDD)

<u>MONTH</u>	<u>1997/1998</u>	<u>1998/1999</u>
October	491	414
November	898	750
December	1127	837
<u>January</u>	<u>1011</u>	<u>1227</u>
TOTAL	3527	3228

Heating Degree Days total for the 1997/1998 period in question = 3527

Heating Degree Days total for the 1998/1999 period in question = 3228

Deviation between the two periods = 299
Percentage Deviation = 8.48 %

1998/1999 was 8.48 % warmer than the 1997/1998 period in question

Fuel Consumption

<u>MONTH</u>	<u>1997/1998</u>	<u>1998/1999</u>
October	408.2	-----
November	1949.0	1649.1
December	1448.5	1362.5
<u>January</u>	<u>854.4</u>	<u>1072.6</u>
TOTAL	5510.9	4084.2

Heating Degree Day Adjustment

In 1997/1998 for 3527 HDD, Actual fuel consumption = 5510.9 gallons
In 1998/1999 for 3228 HDD, Actual fuel consumption = 4084.2 gallons
In 1998/1999 for 3228 HDD, Adjusted consumption = 5043.7 gallons

Fuel Savings Calculation

Actual 1998/1999 Fuel usage = 4084.2 gallons
Adjusted 1998/1999 Fuel usage = 5043.7 gallons

SAVINGS = 959.5 GALLONS
PERCENTAGE SAVINGS = 19.02 %

SAVING86

**ST. PATRICK'S
NEWBURGH, N.Y.**

INTELLICON™ SAVINGS ANALYSIS

HEATING DEGREE DAYS (HDD)

<u>MONTH</u>	<u>1997/1998</u>	<u>1998/1999</u>
December (9-31)	763	649
January	916	1103
February	800	966
<u>March</u>	<u>724</u>	<u>786</u>
TOTAL	3203	3504

Heating Degree Days total for the 1997/1998 period in question = 3203

Heating Degree Days total for the 1998/1999 period in question = 3504

Deviation between the two periods = 301
 Percentage Deviation = 8.56 %

1997/1998 was 8.56% warmer than the 1998/1999 period in question

Fuel Consumption

<u>MONTH</u>	<u>1997/1998</u>	<u>1998/1999</u>
December (9-31)*	1233	916
January	1689	1895
February	1832	1273
<u>March</u>	<u>782</u>	<u>903</u>
TOTAL	5536	4987

*Note: December fuel consumption was adjusted to reflect 23 day usage in both years, since Intellicon™ went on line on the 9th of the month

Heating Degree Day Adjustment

In 1997/1998 for 3203 HDD, Actual fuel consumption = 5536 gallons
 In 1998/1999 for 3504 HDD, Actual fuel consumption = 4987 gallons
 In 1998/1999 for 3504 HDD, Adjusted consumption = 6056 gallons

Fuel Savings Calculation

Actual 1998/1999 Fuel usage = 4987 gallons
 Adjusted 1998/1999 Fuel usage = 6056 gallons

SAVINGS = 1069 gallons
PERCENTAGE SAVINGS = 17.65 %

SAVINGS10-REV

**ST. THOMAS of CANTERBURY
CORNWALL-ON-HUDSON, N.Y.**

INTELLICON™ SAVINGS ANALYSIS

HEATING DEGREE DAYS (HDD)

<u>PERIOD</u>	<u>1997/1998</u>	<u>1998/1999</u>
November 10 through April 22	3963	4344

Heating Degree Days total for the 1997/1998 period in question = 3963

Heating Degree Days total for the 1998/1999 period in question = 4344

Deviation between the two periods = 381

Percentage Deviation = 8.77 %

1997/1998 was 8.77% warmer than the 1998/1999 period in question

Fuel Consumption

<u>MONTH</u>	<u>1997/1998</u>	<u>1998/1999</u>
November	1200	1898
December	1000	2047
January	1200	1500
February	1000	1500
March	1500	1000
fuel tank adjustment	<u>+1200</u>	<u>-1200</u>
TOTAL	7100	6745

Heating Degree Day Adjustment

In 1997/1998 for 3963 HDD, Actual fuel consumption = 7100 gallons

In 1998/1999 for 4344 HDD, Actual fuel consumption = 6745 gallons

In 1998/1999 for 4344 HDD, Adjusted consumption = 7783 gallons

Fuel Savings Calculation

Actual 1998/1999 Fuel usage = 6745 gallons
Adjusted 1998/1999 Fuel usage = 7783 gallons

SAVINGS = 1038 gallons
PERCENTAGE SAVINGS = 13.34 %

SAVING11

**HOLY CROSS FRIARY
CALICOON, N.Y.**

INTELLICON™ SAVINGS ANALYSIS

HEATING DEGREE DAYS (HDD)

<u>PERIOD</u>	<u>1997/1998</u>	<u>1998/1999</u>
9/30 to 2/28	5290	5211
Deviation between the two periods	=	79
Percentage Deviation	=	1.49 %

1998/1999 was 1.49% warmer than the 1997/1998 period in question

Fuel Consumption

<u>MONTH</u>	<u>1997/1998</u>	<u>1998/1999</u>
November	245	225
January	295	331
February	249	----
TOTAL	789	556

Heating Degree Day Adjustment

In 1997/1998 for 5290 HDD, Actual fuel consumption	=	789 gallons
In 1998/1999 for 5211 HDD, Actual fuel consumption	=	556 gallons
In 1998/1999 for 5211 HDD, Adjusted consumption	=	777 gallons

Fuel Savings Calculation

Actual 1998/1999 Fuel usage	=	556 gallons
Adjusted 1998/1999 Fuel usage	=	777 gallons
SAVINGS	=	221 gallons
PERCENTAGE SAVINGS	=	28.44 %

SAVINGS17

ST. DOMINIC SCHOOL
BRONX, NY

INTELLICON™ SAVINGS ANALYSIS

HEATING DEGREE DAYS (HDD)

	<u>1998/1999</u>	<u>1999/2000</u>
NOV. 1 to MARCH 31		
TOTAL	3088	3112

Heating Degree Days total for the 1998/1999 period in question = 3088
Heating Degree Days total for the 1999/2000 period in question = 3112

Deviation between the two periods = 24
Percentage Deviation = 0.77 %

1998/1999 was 0.77 %warmer than the 1999/2000 period in question

Fuel Consumption

	<u>1998/1999</u>	<u>1999/2000</u>
TOTAL	18,213.0 gallons	15,753.7 gallons

Heating Degree Day Adjustment

In 1998/1999 for 3088 HDD, Actual fuel consumption = 18,213.0 gallons
In 1999/2000 for 3112 HDD, Actual fuel consumption = 15,753.7 gallons
In 1999/2000 for 3112 HDD, **Adjusted** consumption = 18,354.6 gallons

Fuel Savings Calculation

Actual 1999/2000 Fuel usage = 15,753.7 gallons
Adjusted 1999/2000 Fuel usage = 18,354.6 gallons

SAVINGS = **2,600.9 gallons**
PERCENTAGE SAVINGS = **14.17 %**

ST. JOSEPH/ ST. THOMAS SCHOOL
STATEN ISLAND, NY

INTELLICON™ SAVINGS ANALYSIS

HEATING DEGREE DAYS (HDD)

	<u>YR 1999</u>	<u>YR 2000</u>
JANUARY through MARCH		
TOTAL	2030	2366

Heating Degree Days total for the YR 1999 period in question = 2030

Heating Degree Days total for the YR 2000 period in question = 2366

Deviation between the two periods = 336

Percentage Deviation = 14.2 %

YR 1999 was 14.2 %warmer than the YR 2000 period in question

Fuel Consumption

	<u>YR 1999</u>	<u>YR 2000</u>
TOTAL	11, 689.9 gallons	10, 020.4 gallons

Heating Degree Day Adjustment

In YR 1999 for 2030 HDD, Actual fuel consumption = 11, 689.9 gallons

In YR 2000 for 2366 HDD, Actual fuel consumption = 10, 020.4 gallons

In YR 2000 for 2366 HDD, Adjusted consumption = 13, 624.8 gallons

Fuel Savings Calculation

Actual YR 2000 Fuel usage = 10, 020.4 gallons

Adjusted YR 2000 Fuel usage = 13, 624.8 gallons

SAVINGS = 3,604.4 gallons

PERCENTAGE SAVINGS = 26.45 %

INTELLICON™ SAVINGS ANALYSIS

HEATING DEGREE DAYS (HDD)

	<u>YR 1999</u>	<u>YR 2000</u>
JANUARY through DECEMBER		
TOTAL	3601	3840

Heating Degree Days total for the YR 1999 period in question = 3601

Heating Degree Days total for the YR 2000 period in question = 3840

Deviation between the two periods = 239
Percentage Deviation = 6.22 %

YR 1999 was 6.22 %warmer than the YR 2000 period in question

Fuel Consumption

	<u>YR 1999</u>	<u>YR 2000</u>
TOTAL	6772 gallons	6135 gallons

Heating Degree Day Adjustment

In YR 1999 for 3601 HDD, Actual fuel consumption = 6572 gallons
In YR 2000 for 3840 HDD, Actual fuel consumption = 6135 gallons
In YR 2000 for 3840 HDD, Adjusted consumption = 7008 gallons

Fuel Savings Calculation

Actual YR 2000 Fuel usage = 6135 gallons
Adjusted YR 2000 Fuel usage = 7008 gallons

SAVINGS = **873 gallons**
PERCENTAGE SAVINGS = **12.46 %**

INTELLICON™ SAVINGS ANALYSIS

HEATING DEGREE DAYS (HDD)

	<u>YR 1999</u>	<u>YR 2000</u>
JANUARY through APRIL		
TOTAL	2370	2777

Heating Degree Days total for the YR 1999 period in question = 2370

Heating Degree Days total for the YR 2000 period in question = 2777

Deviation between the two periods = 407

Percentage Deviation = 14.66 %

YR 1999 was 14.66 %warmer than the YR 2000 period in question

Fuel Consumption

	<u>YR 1999</u>	<u>YR 2000</u>
TOTAL	3566 THERMS	2796 THERMS

Heating Degree Day Adjustment

In YR 1999 for 2370 HDD, Actual fuel consumption = 3566 THERMS

In YR 2000 for 2777 HDD, Actual fuel consumption = 2796 THERMS

In YR 2000 for 2777 HDD, Adjusted consumption = 4178 THERMS

Fuel Savings Calculation

Actual YR 2000 Fuel usage = 2796 THERMS

Adjusted YR 2000 Fuel usage = 4178 THERMS

SAVINGS = 1382 THERMS

PERCENTAGE SAVINGS = 33.08 %

IMMACULATE CONCEPTION CHURCH
STATEN ISLAND, NY

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INTELLICON™ SAVINGS ANALYSIS

HEATING DEGREE DAYS (HDD)

	<u>1998/1999</u>	<u>1999/2000</u>
NOVEMBER through MAY		
TOTAL	3929	4073

Heating Degree Days total for the 1998/1999 period in question = 3929
Heating Degree Days total for the 1999/2000 period in question = 4073

Deviation between the two periods = 144
Percentage Deviation = 3.54 %

1998/1999 was 3.54 %warmer than the 1999/2000 period in question

Fuel Consumption

	<u>1998/1999</u>	<u>1999/2000</u>
TOTAL	10,084 THERMS	7962 THERMS

Heating Degree Day Adjustment

In 1998/1999 for 3929 HDD, Actual fuel consumption = 10,084 THERMS
In 1999/2000 for 4073 HDD, Actual fuel consumption = 7962 THERMS
In 1999/2000 for 4073 HDD, Adjusted consumption = 10,454 THERMS

Fuel Savings Calculation

Actual 1999/2000 Fuel usage = 7962 THERMS
Adjusted 1999/2000 Fuel usage = 10,454 THERMS

SAVINGS = 2492 THERMS
PERCENTAGE SAVINGS = 23.84 %

calculated 3-8-01

SAVINGS32

INTELLICON™ SAVINGS ANALYSIS

HEATING DEGREE DAYS (HDD)

	<u>YR 1999/2000</u>	<u>YR 2000/2001</u>
DECEMBER through APRIL		
TOTAL	3550	3935

Heating Degree Days total for the YR 1999/2000 period in question = 3550

Heating Degree Days total for the YR 2000/2001 period in question = 3935

HDD Deviation between the two periods = 385

YR 1999/2000 was 385 HDD warmer than the YR 2000/2001 period in question

Fuel Consumption

	<u>YR 1999/2000</u>	<u>YR 2000/2001</u>
TOTAL	11,088.1 gallons	8,899.9 gallons

Heating Degree Day Adjustment

In YR 1999/2000 for 3550 HDD, Actual fuel consumption = 11,088.1 gallons

In YR 2000/2001 for 3935 HDD, Actual fuel consumption = 8,899.9 gallons

In YR 2000/2001 for 3935 HDD, Adjusted consumption = 12,290.6 gallons

Fuel Savings Calculation

Actual YR 2000/2001 Fuel usage = 8,899.9 gallons
Adjusted YR 2000/2001 Fuel usage = 12,290.6 gallons

SAVINGS = 3,390.7 gallons
PERCENTAGE SAVINGS = 27.59 %

HOLY ROSARY RECTORY
NEW YORK, NY

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INTELLICON™ SAVINGS ANALYSIS

HEATING DEGREE DAYS (HDD)

	<u>YR 1999/2000</u>	<u>YR 2000/2001</u>
OCTOBER through JANUARY		

TOTAL	2499	2848
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Heating Degree Days total for the YR 1999/2000 period in question = 2499

Heating Degree Days total for the YR 2000/2001 period in question = 2848

HDD Deviation between the two periods = 349

YR 1999/2000 was 349 HDD warmer than the YR 2000/2001 period in question

Fuel Consumption

	<u>YR 1999/2000</u>	<u>YR 2000/2001</u>
TOTAL	3,801.1 gallons	3,792.9 gallons

Heating Degree Day Adjustment

In YR 1999/2000 for 2499 HDD, Actual fuel consumption = 3,801.1 gallons

In YR 2000/2001 for 2848 HDD, Actual fuel consumption = 3,792.9 gallons

In YR 2000/2001 for 2848 HDD, Adjusted consumption = 4,331.9 gallons

Fuel Savings Calculation

Actual YR 2000/2001 Fuel usage	=	3,792.9 gallons
Adjusted YR 2000/2001 Fuel usage	=	4,331.9 gallons

SAVINGS	=	539.0 gallons
PERCENTAGE SAVINGS	=	12.44 %

calculated 8-29-01

SAVINOS46

INTELLICON™ SAVINGS ANALYSIS

HEATING DEGREE DAYS (HDD)

	<u>YR 1999/2000</u>	<u>YR 2000/2001</u>
OCTOBER through JANUARY		
TOTAL	2499	2848

Heating Degree Days total for the YR 1999/2000 period in question = 2499

Heating Degree Days total for the YR 2000/2001 period in question = 2848

HDD Deviation between the two periods = 349

YR 1999/2000 was 349 HDD warmer than the YR 2000/2001 period in question

Fuel Consumption

	<u>YR 1999/2000</u>	<u>YR 2000/2001</u>
TOTAL	9,126.3 gallons	7,417.6 gallons

Heating Degree Day Adjustment

In YR 1999/2000 for 2499 HDD, Actual fuel consumption	=	9,126.3 gallons
In YR 2000/2001 for 2848 HDD, Actual fuel consumption	=	7,417.6 gallons
In YR 2000/2001 for 2848 HDD, Adjusted consumption	=	10,400.8 gallons

Fuel Savings Calculation

Actual YR 2000/2001 Fuel usage	=	7,417.6 gallons
Adjusted YR 2000/2001 Fuel usage	=	10,400.8 gallons

SAVINGS	=	2,983.2 gallons
PERCENTAGE SAVINGS	=	28.68 %

calculated 8-28-01

SAVINGS47

HOLY FAMILY SCHOOL
NEW ROCHELLE, NY

INTELLICON™ SAVINGS ANALYSIS

HEATING DEGREE DAYS (HDD)

	<u>1998/1999</u>	<u>1999/2000</u>
SEPTEMBER through APRIL		
TOTAL	4118	4275

Heating Degree Days total for the 1998/1999 period in question = 4118

Heating Degree Days total for the 1999/2000 period in question = 4175

Deviation between the two periods = 157
Percentage Deviation = 3.67 %

1998/1999 was 3.67 %warmer than the 1999/2000 period in question

Fuel Consumption

	<u>1998/1999</u>	<u>1999/2000</u>
TOTAL	21,399.3 gallons	18,182.9 gallons

Heating Degree Day Adjustment

In 1998/1999 for 4118 HDD, Actual fuel consumption = 21,399.30 gallons
In 1999/2000 for 4275 HDD, Actual fuel consumption = 18,182.90 gallons
In 1999/2000 for 4275 HDD, Adjusted consumption = 22,215.15 gallons

Fuel Savings Calculation

Actual 1999/2000 Fuel usage = 18,182.90 gallons
Adjusted 1999/2000 Fuel usage = 22,215.15 gallons

SAVINGS = 4,032.25 gallons
PERCENTAGE SAVINGS = 18.15 %

**ST. MARY'S
NEWBURGH, N.Y.**

INTELLICON™ SAVINGS ANALYSIS

HEATING DEGREE DAYS (HDD)

<u>MONTH</u>	<u>1997/1998</u>	<u>1998/1999</u>
November (10-30)	635	469
December	1001	751
<u>January</u>	<u>916</u>	<u>1103</u>
TOTAL	2552	2323

Heating Degree Days total for the 1997/1998 period in question = 2552

Heating Degree Days total for the 1998/1999 period in question = 2323

Deviation between the two periods = 229
 Percentage Deviation = 8.97 %

1998/1999 was 8.97 % warmer than the 1997/1998 period in question

Fuel Consumption

<u>MONTH</u>	<u>1997/1998</u>	<u>1998/1999</u>
November (10-30)*	494	127
December	1995	1904
<u>January</u>	<u>3036</u>	<u>2120</u>
TOTAL	5525	4151

*Note: November fuel consumption was adjusted to reflect 21 day usage in both years, since Intellicon™ went on line on the 10th of the month.

Heating Degree Day Adjustment

In 1997/1998 for 2552 HDD, Actual fuel consumption = 5525 ccf
 In 1998/1999 for 2323 HDD, Actual fuel consumption = 4151 ccf
 In 1998/1999 for 2323 HDD, Adjusted consumption = 5029 ccf

Fuel Savings Calculation

Actual 1998/1999 Fuel usage = 4151 ccf
 Adjusted 1998/1999 Fuel usage = 5029 ccf

SAVINGS = 878 ccf

PERCENTAGE SAVINGS = 17.46 %