

**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>
<b>TOTAL</b>	<b>3160</b>	<b>3008</b>

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>
<b>TOTAL</b>	<b>5913.7</b>	<b>3920.7</b>

**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.**

**INTELLICONT™ 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>
<b>TOTAL</b>	<b>3527</b>	<b>3228</b>

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>
<b>TOTAL</b>	<b>933.4</b>	<b>714.1</b>

**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>
<b>TOTAL</b>	<b>3527</b>	<b>3228</b>

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>
<b>TOTAL</b>	<b>5510.9</b>	<b>4084.2</b>

**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 %**

SAVINGS6

**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>
<b>TOTAL</b>	<b>3203</b>	<b>3504</b>

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>
<b>TOTAL</b>	<b>5536</b>	<b>4987</b>

\*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	<b>3963</b>	<b>4344</b>

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>
<b>TOTAL</b>	<b>7100</b>	<b>6745</b>

**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	----
<b>TOTAL</b>	<b>789</b>	<b>556</b>

**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, <b>Adjusted</b> consumption	=	777 gallons

**Fuel Savings Calculation**

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

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		
<b>TOTAL</b>	<b>3088</b>	<b>3112</b>

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>
<b>TOTAL</b>	<b>18,213.0 gallons</b>	<b>15,753.7 gallons</b>

**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		
<b>TOTAL</b>	<b>2030</b>	<b>2366</b>

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>
<b>TOTAL</b>	<b>11, 689.9 gallons</b>	<b>10, 020.4 gallons</b>

**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		
<b>TOTAL</b>	<b>3601</b>	<b>3840</b>

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>
<b>TOTAL</b>	<b>6772 gallons</b>	<b>6135 gallons</b>

### 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		
<b>TOTAL</b>	<b>2370</b>	<b>2777</b>

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>
<b>TOTAL</b>	<b>3566 THERMS</b>	<b>2796 THERMS</b>

### **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

A-4

**INTELLICON™ SAVINGS ANALYSIS**

**HEATING DEGREE DAYS (HDD)**

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

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>
<b>TOTAL</b>	<b>10,084 THERMS</b>	<b>7962 THERMS</b>

**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 %

calculated 8-10-01

SAVINGS45

HOLY ROSARY RECTORY  
NEW YORK, NY

B-8

*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	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		
<b>TOTAL</b>	<b>4118</b>	<b>4275</b>

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>
<b>TOTAL</b>	<b>21,399.3 gallons</b>	<b>18,182.9 gallons</b>

**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>
<b>TOTAL</b>	<b>2552</b>	<b>2323</b>

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>
<b>TOTAL</b>	<b>5525</b>	<b>4151</b>

\*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 %**

SAVINGS3 REV