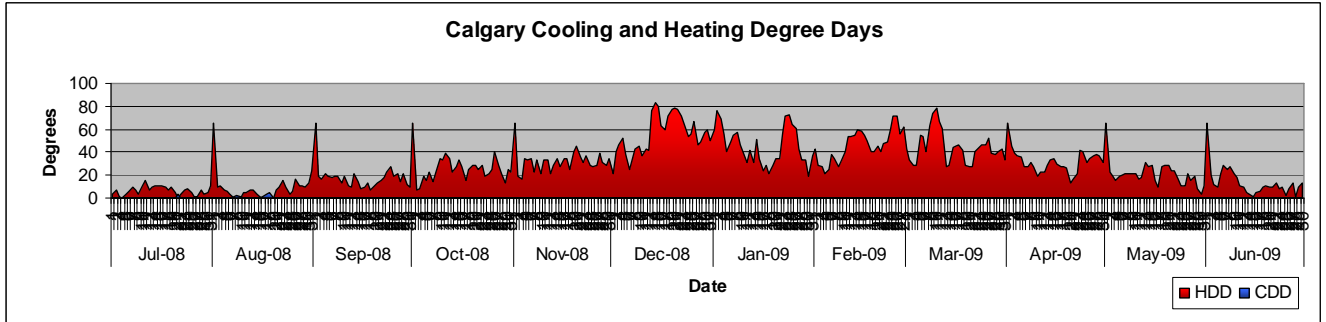
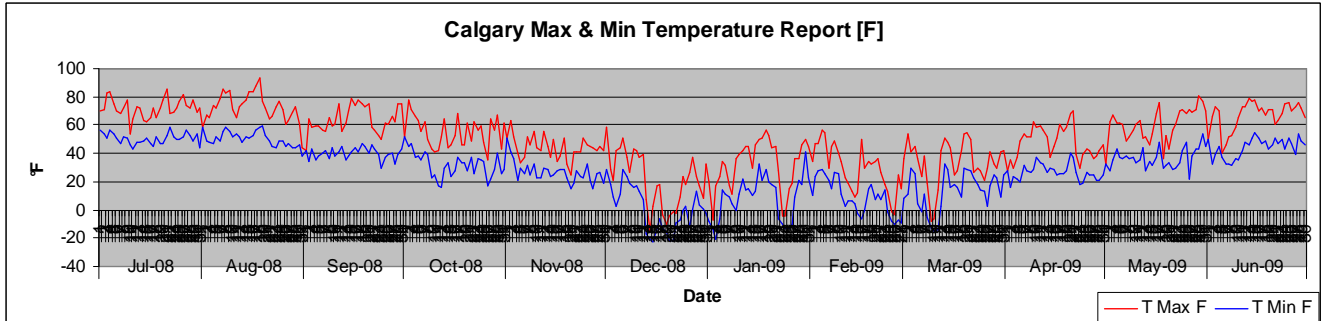


Calgary, Alberta

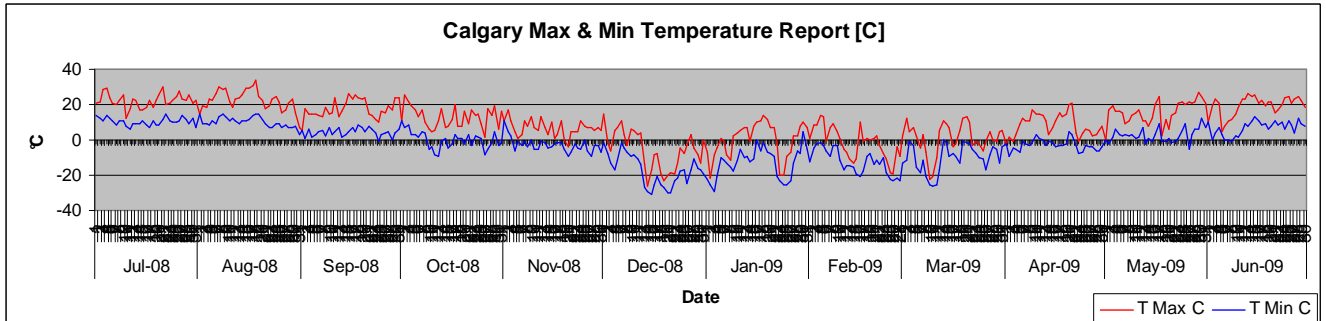
Weather Charts



Avg. T°[F] per month



Avg. T°[C] per month



Weather Breakdown

Month/Yr	hrs/yr <46[F]	Avg[F] <46[F]	hrs/yr <60[F]	Avg[F] <60[F]	HDD/yr	CDD/yr	hrs/yr >65[F]	Avg[F] >65[F]	hrs/yr >75[F]	Avg[F] >75[F]
	5,520	25	8,136	34	10,495	17	168	67		
Month	hrs <46 [F]	Avg[F] <46	hrs <60 [F]	Avg[F] <60	HDD	CDD	hrs >65 [F]	Avg[F] >65	hrs >75 [F]	Avg[F] >75
Jul-2008	0		504	57	196	3	24	68	0	
Aug-2008	48	21	480	52	265	14	144	67	0	
Sep-2008	168	36	720	47	526	0	0	0	0	
Oct-2008	552	35	744	39	794	0	0	0	0	
Nov-2008	672	32	720	33	963	0	0	0	0	
Dec-2008	744	10	744	10	1,705	0	0	0	0	
Jan-2009	720	19	744	20	1,403	0	0	0	0	
Feb-2009	672	19	672	19	1,285	0	0	0	0	
Mar-2009	744	21	744	21	1,364	0	0	0	0	
Apr-2009	648	32	720	33	949	0	0	0	0	
May-2009	384	38	720	44	641	0	0	0	0	
Jun-2009	168	35	624	50	404	0	0	0	0	

The City Heating Season chart depicts the normal months of the year when your sites heating system is in operation. It is not unusual in many areas of the country that your normal site heating system may operate prior to October or after May. When the AMS Waste Heat Recovery Unit is in operation will be up to the individual site regulated by temperature setting.

City Heating Season		
Heating Mo's	Hr's ≤60F ^o	Avg F ^o ≤60
Oct-2008	744	39
Nov-2008	720	33
Dec-2008	744	10
Jan-2009	744	20
Feb-2009	672	19
Mar-2009	744	21
Apr-2009	720	33
May-2009	720	44
Total	5,808	27

Cost Savings

These are examples only. There are many variables that affect the actual outcomes. These would include GPM, temperature of incoming liquid and make-up, fan cfm, size restrictions, current cost of current heating fuel and type of plant heat used. Each AMS Waste Heat Recovery Package Unit is tailor designed to your specific site and needs so that we get the most MMBTU's from your waste heat, heat that is currently going out the stack. Many times, depending upon a sites waste heat availability, multiple units can be deployed multiplying the savings.

Fuel cost/unit	\$7.5000
Fuel BTU/unit	1000000
Efficiency rating of heater	65.00%
Total effective cost of heat in MMBTU**	\$11.54

Example 1:

MMBTU/hr	0.430
hrs ambient temp <60 deg F/yr July-June	8136
Cost of heat/MMBTU**	\$11.54
Total savings/yr	\$40,367.08

Example 2:

MMBTU/hr	0.713
hrs ambient temp <60 deg F/yr July-June	8136
Cost of heat/MMBTU**	\$11.54
Total savings/yr	\$66,934.25

**Cost of heat in MMBTU: Assumption: Gas Fuel Steam Heat at \$7.50/unit