

County of Aroostook  
 144 Sweden Street Suite 1  
 Caribou ME 04736  
 Dunns #093631463  
 DE-FOA-0000013  
 EIN/TIN # 01-6000003  
 CCR Registered  
 Fed Connect Registered  
 Aroostook County Energy Retrofit Project  
**Baseline energy Use**  
 filename: baseline energy use buildings

**Registry of Deeds Building, Fort Kent, Maine**

	KWH	Elec Cost	Heating Fuel Gallons Purchased	Fuel Cost
Year 2006	35,639.00	\$ 4,484.96	2,142.00	\$ 6,976.15
Year 2007	37,489.00	\$ 5,762.13	2,700.80	\$ 6,630.68
Year 2008	35,567.00	\$ 5,685.22	2,881.10	\$ 8,466.02
Year 2009	33,223.00	\$ 5,230.68	2,793.00	\$ 5,880.55
Four Year Total	141,918.00	\$ 21,162.99	10,516.90	\$ 27,953.40
Annual Average	35,479.50	\$ 5,290.75	2,629.23	\$ 6,988.35

**Sheriff's Office Building (Old District Court Building), Houlton, Maine**

	KWH	Elec Cost	Heating Fuel Gallons Purchased	Fuel Cost
Year 2006	56,073.00	\$ 4,630.32	5,789.10	\$ 16,549.77
Year 2007	53,300.00	\$ 4,353.27	5,800.00	\$ 13,943.89
Year 2008	61,000.00	\$ 6,519.37	8,400.00	\$ 25,267.08
Year 2009	56,700.00	\$ 6,298.95	8,682.00	\$ 17,908.35
*2008 had temporary expanded use of office space by a State of Maine Judicial Branch				
Four Year Total	227,073.00	\$ 21,801.91	28,671.10	\$ 73,669.09
Annual Average	56,768.25	\$ 5,450.48	7,167.78	\$ 18,417.27

**Superior Court Building, Houlton, Maine**

	KWH	Elec Cost	Heating Fuel Gallons Purchased	Fuel Cost
Year 2006	105,000.00	\$ 8,623.06	32,007.00	\$ 72,267.29
Year 2007	103,000.00	\$ 8,384.29	35,604.00	\$ 92,478.74
Year 2008	97,500.00	\$ 10,430.53	43,009.00	\$ 120,970.35
*Year 2009	179,900.00	\$ 20,023.64	53,600.00	\$ 130,465.23
* April 2009 Renovation installing HVAC and expanded use of occupied office space.				
Four Year Total	485,400.00	\$ 47,461.52	164,220.00	\$ 416,181.61
Annual Average	121,350.00	\$ 11,865.38	41,055.00	\$ 104,045.40

**Caribou Courthouse, Caribou, Maine**

	KWH	Elec Cost	Heating Fuel Gallons Purchased	Fuel Cost
Year 2006	193,000.00	\$ 24,961.00	10,202.00	\$ 21,416.32
Year 2007	169,800.00	\$ 25,702.50	9,715.00	\$ 24,089.73
Year 2008	175,800.00	\$ 27,115.87	10,010.00	\$ 31,235.82
Year 2009	192,480.00	\$ 29,481.22	13,002.00	\$ 24,083.71
*2009 Expanded tenant base and increased judicial case load use of this building				
Four Year Total	731,080.00	\$ 107,260.59	42,929.00	\$ 100,825.58
Annual Average	182,770.00	\$ 26,815.15	10,732.25	\$ 25,206.40

ENERGY USE BASELINE FOR COMPARISON AS IT RELATES TO FUTURE EECGB ARRA  
 ENERGY RETROFIT PROJECTS

	KWH	Dollars	Gallons	Dollars
Four Year Average Totals	396,367.75	\$ 49,421.75	61,584.25	\$ 154,657.42
<b>15% annual Projected savings would be</b>	<b>59,455.16</b>	<b>\$ 7,413.26</b>	<b>9,237.64</b>	<b>\$ 23,198.61</b>
20% annual projected saving would be	79,273.55	\$ 9,884.35	12,316.85	\$ 30,931.48
Annual average total savings at 15%				\$ 30,611.88
Annual average total savings at 20%				\$ 40,815.83
EECBG ARRA Funds payback in years at 15%				10.02
EECBG ARRA Funds payback in years at 20%				7.52