

7-ELEVEN

Refrigerated Warehouse



ICECOLD INSTALLATION PROJECT; 7-ELEVEN Corporate CDCS SAVINGS: \$ and CO2 7-Eleven Inc. Lighting Initiative Update UPDATED WITH ACTUAL KWH COSTS ON 9-18-2008

7-ELEVEN Corporate
Dwayne Willey
IceCOLD catalyst installation status:

Completed Projects		Location	State	Type	Status	Date	Annual Usage kWh	Project Savings kWh	Annual Savings (\$)	Project Actual Cost	5 year ROI \$	5 year ROI%	Payback Period (Yrs)	Annual Emission Reductions (pounds) CO2	Carbon
E.A.Sweet: Colorado	CO	on hold***	466,514	93,303	0.10	\$ 9,619,511	\$7,910	\$40,188	402	0.32	125,119	34,120			
Genesis: Bay Area	CA	on hold***	392,202	78,440	0.15	\$ 11,758,211	\$7,885	\$50,906	509	0.67	105,189	28,685			
Genesis: Pennsylvania	NJ	on hold***	1,321,101	264,220	0.12	\$ 32,102,751	\$22,400	\$138,114	1,381	0.70	354,319	96,624			
Genesis: Pacific NW	WA	IP***	433,436	86,697	0.09	\$ 7,455,961	\$7,350	\$29,930	299	0.99	116,281	31,705			
by 7-Eleven Corporate * scheduling with the GM															
Total			2,613,303	522,661		\$60,836	\$45,545	\$259,137	864	9.53	700,888	191,134			

ACTUAL SAVINGS FROM DATA LOGGER based on actual cost per KWH

Totals	total	total	ROI
4,902,523	980,505	\$91,119	\$820,067
KWh	KWh	KWh	average %
			372
			11.87
			average years
			11.87
			average months

INDEPENDENT REFRIGERATION CONTRACTOR

Pending Projects		Location	State	Type	Status	Estimated Annual Savings (\$)	Project Est Cost	5 year ROI \$	5 year ROI%	Payback Period (Yrs)	Annual Environmental Emission Reductions (pounds) CO2	Carbon
Status = IP (in process).												
Total												

US DOE CO2 per KWH average:

pounds CO2 per kWh	1988
Coal	2,095
Petroleum	1,969
Gas	1,321
Other Fuels ^b	1,378
U.S. Average	1,341

http://www.eia.doe.gov/cneaf/electricity/bage/co2_report/co2report.html

GRAND TOTAL = 7,515,825 kWh

Project Savings kwh: 1,503,165

Annual Savings (\$): \$152,055

Project Cost: \$128,670

5 year ROI \$: \$1,079,204

5 year ROI%: 618

Payback Period (Yrs): 0.89

Annual Emission Reductions (pounds) CO2: 2,015,744

Carbon: 549,698

10.70 average months