
Attachment A

Savings Summary

Gross Installed Cost	\$ 200,464
Rebate	\$ 52,002
Net Installed Cost	\$ 148,462
kW Reduction	66.6
kWh Saved	525,131
\$ Saved Annually	\$ 118,694
Payback-Years	1.25
Internal Rate of Return	87%
Net Present Value	\$2,249,122

Savings

HP	125
Load	70%
kW/HP	0.746
Motor Eff	0.98
kW	66.6
Hours	8,760
Operating hou	90%
kWh	525,131

Rebate

		Rebate - \$
\$/kW	\$ 150.00	\$ 9,991
\$/kWh	\$ 0.08	\$ 42,010
		\$ 52,002

\$ Saved

	Total Hours	Operating Hours Factor	Operating Hours	A6 \$/kWh	\$ Saved / Year
Peak	779	90%	701	\$ 0.55092	\$ 25,740
Part Peak	909	90%	818	\$ 0.25409	\$ 13,850
Off Peak	2,691	90%	2,422	\$ 0.18250	\$ 29,443
W Part	1,689	90%	1,520	\$ 0.20034	\$ 20,281
W Off	2,691	90%	2,422	\$ 0.18210	\$ 29,379
	8760		7884		\$ 118,694

Energy Escalation 4.0%
Discount Rate 3.0%

Year	Cost	Savings	Cash Flow	Discounted Cash Flow	Cummulative Discounted Cash
0	-\$148,462		-\$148,462	-\$148,462	-\$148,462
1		\$123,441	\$123,441	\$119,738	-\$28,724
2		\$128,379	\$128,379	\$124,528	\$95,803
3		\$133,514	\$133,514	\$129,509	\$225,312
4		\$138,855	\$138,855	\$134,689	\$360,001
5		\$144,409	\$144,409	\$140,077	\$500,077
6		\$150,185	\$150,185	\$145,680	\$645,757
7		\$156,193	\$156,193	\$151,507	\$797,264
8		\$162,440	\$162,440	\$157,567	\$954,831
9		\$168,938	\$168,938	\$163,870	\$1,118,701
10		\$175,695	\$175,695	\$170,425	\$1,289,125
11		\$182,723	\$182,723	\$177,242	\$1,466,367
12		\$190,032	\$190,032	\$184,331	\$1,650,698
13		\$197,633	\$197,633	\$191,704	\$1,842,402
14		\$205,539	\$205,539	\$199,373	\$2,041,775
15		\$213,760	\$213,760	\$207,348	\$2,249,122