

Table 1

Project Performance by Site and Phase Detail (1&2)

	Macassa Lodge		Wentworth Lodge	
Project Benefits	Phase 1	Phase 2	Phase 1	Phase 2
Demand Savings (kW)	22.68	46.90	18.20	58.23
Energy Savings (kWh)	149,490	240,430	91,800	279,146
Energy Reduction (%)	38%	45%	56%	60%
Annual Electrical Cost Savings (\$)	20,181	32,458	12,393	37,685
Estimated Annual Maintenance Savings (\$)	4,766	4,836	1,210	3,374
Estimated Project Construction Cost (\$)	552,490	304,732	164,275	257,257
Estimated SaveOnEnergy Incentive (\$)	9,070	18,761	7,278	23,293
Net Project Cost Post Incentive (\$)	543,420	285,970	156,996	233,963
Simple Payback (Years)	21.78	7.67	11.54	5.70
Return on Investment	4.59%	13.04%	8.66%	17.55%

Table 2

Project Performance - Sites Combined

	Both Sites Combined		Combined Phases
Project Benefits	Phase 1	Phase 2	Phases 1 & 2
Demand Savings (kW)	41	105	146
Energy Savings (kWh)	241,290	519,576	760,866
Energy Reduction (%)	43.5%	51.8%	48.8%
Annual Electrical Cost Savings (\$)	32,574	70,143	102,717
Estimated Annual Maintenance Savings (\$)	5,976	8,210	14,186
Estimated Project Construction Cost (\$)	716,765	561,989	1,278,754
Estimated SaveOnEnergy Rebate (\$)	16,348	42,054	58,402
Net Project Cost Post Rebate (\$)	700,416	519,933	1,220,349
Simple Payback (Years)	18.17	6.63	10.43
Return on Investment	5.50%	15.07%	9.58%