

Project Summary

PROJECT NAME:	Lithgow Correctional Centre - Energy Efficiency
LOCATION:	Lithgow
DEVELOPER/CLIENT:	Department of Corrective Services
CONTACTS:	NSW Department of Public Works and Services
PROJECT SIZE:	Building (gross building area): 21,274 m ² Building Function: Prison and workshops
PROJECT ENERGY BUDGET:	\$374,660 (25,030 GJ/year) - pre deregulation
PROJECT DESCRIPTION:	Identify operational, equipment and energy purchasing practices that would reduce recurrent costs.
ESTIMATED ENERGY EFFICIENCY SAVINGS:	\$68,700 (2,230 GJ/year).
TOTAL RETURN ON IMPLEMENTATION COSTS:	Investment of \$46,450, with a simple payback period of 8 months
NOTABLE SAVINGS INITIATIVES:	<ul style="list-style-type: none">■ tariff change,■ lighting time management devices,■ power factor correction equipment,■ electronic programmable timers for airconditioning plant,■ reduce hot water units temperature setting.