



Lighting & HVAC Capability Statement

All businesses want to reduce power bills and cut waste. With over 30 years' experience helping customers get control of their energy usage, we understand the barriers customers face:

Uncertainty - where to start and what resources to allocate

Conflicting advice from would be service providers

Restricted internal resource to develop robust business cases and implement projects

We remove the hassle, manage the risk and provide a single point of contact. The Carbon Blue team provides a comprehensive, integrated range of solutions based upon detailed industry knowledge to help you:

Find easy wins where there are gaps in the current management processes, maintenance scheduling and energy management

Design a clear implementation plan to deliver energy cost saving results

Identify and develop key opportunities into business cases

Maximise benefit from government grants and incentive schemes

Select and gain appropriate project funding and financing

Project manage the implementation of your selected projects

Measure and verify your results

Some of the core services Carbon Blue provides to achieve these outcomes including

LIGHTING

AS/NZS 1680 Design

End to End Project Management

Esc Upfront Discounts

3 Year Warranties

HVAC

Innovative HVAC Design

Life Cycle Costing

HVAC and BMS Optimisation

- Demand and Controlled Ventilation
- Seasonally Adjusted Strategies

Chiller Staging

Sub Contractor Management

Prolong Life of Existing Equipment

Carbon Blue's specialist energy efficiency team offers a full range of services. The team designs services that best suit our client's needs and objectives. Carbon Blue can help whether your business seeks:

Full HVAC/Lighting design and Implementation
Development of detailed business cases
Funding or financing assistance
Holistic energy efficiency plan
Assistance in delivering results
Project Management
Post install evaluation



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PROJECT EXPERIENCE

State Library of NSW – Macquarie St Sydney

\$1mill Design of HVAC and BMS systems
(Both Libraries – Mitchell and Macquarie)



Australian National Maritime Museum – Darling Harbour

\$0.8 mill Design of HVAC and BMS Systems

Novion Property Group		
Salamander Bay Shopping Centre Lighting Upgrade		
	Prior to Lighting Upgrade	Post Lighting Upgrade
Consumption	150W	50W
Quantity	311	311
Operational Hours	5,000 p/a	5,000 p/a
Maintenance	8,000hrs (3.5 yrs)	50,000hrs (10+yrs)
Energy Cost p/a	\$48,439	\$15,565

Channel 7, Alexandria		
	Prior to Lighting Upgrade	Post Lighting Upgrade
Consumption	430W	180W
Quantity	57	30
Operational Hours	5,000 p/a	5,000 p/a
Maintenance	8,000hrs (3.5 yrs)	50,000hrs (10+yrs)
Energy Cost p/a	\$24,779	\$5,400