



dtk

Property • Sustainability

Capability Statement

SUSTAINABILITY



Sustainability

DTK designs solutions in sustainability and energy efficiency for commercial businesses. Starting with a baseline audit to analyse the current situation, we work with our partners and suppliers of hardware to develop a range of solutions for consideration. One brilliant aspect of energy efficiency is that facility upgrades to lighting, solar and air conditioning can be tested in the field to verify that the hardware is achieving the projected results.

Typical Return on Investment (ROI) for our formulated solutions are in the range of 25-35% per annum. Funding solutions are available.

Experience.
Quality.
Reliability.

comprehensive financial
modelling for sustainability
project implementation

AUDIT REPORT EXAMPLE

UPGRADE	CAPITAL COST (EXCLUSIVE GST)	PROJECTED SAVINGS (EXCLUSIVE GST) P.A.	ROI (YEARS)	TOTAL KWH REDUCTION %
AIR CONDITIONING	\$23,254.58	\$7,566.00	3.07	3.33%
LIGHTING (NO INSTALL)	\$44,160.00	\$22,392.65	1.97	19.33%
100KW SOLAR (NO PFC)	\$119,744.00	\$48,023.45	2.49	21.49%
TOTAL PROJECT	\$187,158.58	\$77,981.45	2.40	34.90%

34.90% TOTAL SITE ENERGY COST SAVING PER ANNUM

Our Services

- Energy audit and monitoring
- Sustainability design and implementation - solar, wind, air conditioning, water
- Government rebate management
- Contracting and installation
- Remote resource monitoring panel development

Clients



Cost of Light Analysis Projections LEXUS PROJECT No. 1



A. Energy cost savings per year	\$12,000	42%
B. Lifespan lamp cost + lamp replacement costs / yr	\$17,000	58%
C. Total run cost savings / yr (A+B)	\$29,000	100%
D. Run cost savings over lamp life	\$404,000	
E. Extra initial investment	\$14,000	
F. Payback period (energy savings only)	14.0 months	
G. Payback period (total savings)	5.8 months	
H. Reduced power consumption	64%	
I. Reduced CO ₂ emissions / yr	2.1 tonnes	

