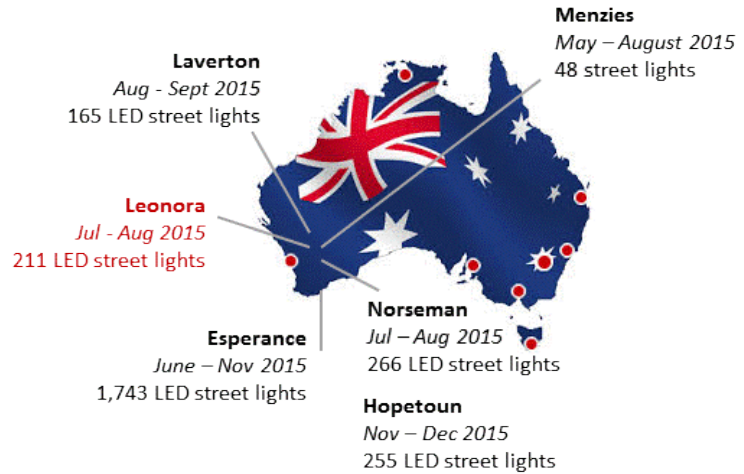





LED Street Lights being installed in Leonora

Starting in July 2015, the Shire of Leonora will commence the rollout of an LED street lighting project which is set to save energy, costs and the environment.

The Shire will retrofit 211 existing street lights with new light emitting diode (LED) streetlights in the suburbs and main streets. The project, which is co-funded by the Federal Government's Department of Industry and Science and WA Royalties for Regions, is being managed by the City of Kalgoorlie Boulder on behalf of the Goldfields Voluntary Regional Organisation of Councils (GVROC). Over the next 6 months Horizon Power will install 2,688 LED street lights in the towns of Menzies, Esperance, Laverton, Hopetoun, and Norseman.



This is one of the biggest energy efficiency programs undertaken in the Goldfields and is likely to achieve energy savings of around 55%. Street lighting maintenance costs will be significantly reduced as LEDs have an increased life span, with the interval between bulb replacements likely to extend from the current three to five years to 20 years. LED street lights will achieve significant energy savings enabling the Shires to redirect funds to community initiatives whilst also helping to reduce carbon emissions. LED lights are one of today's most energy efficient and rapidly developing lighting technologies. Quality LED light bulbs last longer, are more durable and offer brighter light quality than other types of lighting.

	 Incandescent light bulbs	 Compact Fluorescents (CFLs)	 Light Emitting Diodes (LEDs)	
ENERGY EFFICIENCY	Annual operating costs <small>(assume 30 globes)</small>	\$329	\$77	\$33
	Average Life Span	1,200 hours	8,000 hours	50,000 hours
ENVIRONMENTAL IMPACT	Contains toxic mercury	No	Yes	No
	Annual carbon dioxide emissions <small>(assume 30 globes)</small>	4,500 pounds	1051 pounds	451 pounds
OTHER	Turns on instantly	Yes	No	Yes
	Heat emitted	85 btu/hr	30 btu/hr	3 btu/hr
	Lumens	550	550	700

For more information please contact **Lisa Cunningham, Project Communications Officer**, email: lisa.cunningham@mangogroup.com.au, telephone 0417 954 741