



The Equeva Hotel Group



LOCATION

Blue Mountains, NSW



PROJECT TYPE

Commercial



CAPACITY

193kW



MODULE TYPE

LR4-72HPH
and LR4-66HPH



COMPLETION DATE

Early 2020



MODULE NAME

Hi-MO 4

THE PROJECT

Installed by My Energy Group

The Equeva Hotel Group owns and operates six venues including the elegant Metropole Guesthouse which has been welcoming travellers to the Blue Mountains since 1933 and is a popular place for weddings and conferences.

LONGi Solar Australia supplied 440 Hi-MO 4 solar panels which were installed by My Energy Group across multiple sites belonging to Equeva.

Working with the knowledgeable and professional installers at My EnergyGroup, Equeva selected LONGi solar panels to reduce their carbon footprint, showcase the eco-friendly vision of the hotel group and save money.



Echo Point Motel, Katoomba, NSW

“We were impressed by the professionalism and work of the My Energy solar installers in specifying and installing our LONGi solar panels. The quality of the installation and panels has exceeded our expectations”

Aviad Panta,
Managing Director and Co-Founder, Equeva

BACKGROUND

The Blue Mountains encompass a series of picturesque UNESCO World Heritage sites and are located west of Sydney. Extremely popular with tourists it is home to many unique and eco-friendly accommodation options.

My Energy worked closely with the hotel owners to design a series of specific systems that would meet the unique needs of the sites. Hotels have many energy intensive processes like water heating, refrigeration and on-site laundry services which must operate 24 hours per day. This created challenges for system design that went beyond typical business premises drawing power only though business hours.

In addition to practical issues it was vital to the project that the visible system components, in particular the solar panels, were sensitively combined with the old world charm of properties like the Metropole Guesthouse. The LONGi commercial range of Hi-MO 4 modules, available in 66 and 72 cell configurations, allowed each system to be tailored for each roof space and therefore maximise energy output.

RESULT

The installed solar systems now provide consistent onsite power generation helping Equeva offset the heavy daytime demand of this busy hotel group. By going solar across these sites with LONGi solar panels the hotel owners are saving over \$70,000 AUD per year.



Echo Point Village, Katoomba, NSW

“We chose LONGi solar panels for their combination of high efficiency, price, reliability and flexibility of form factor to suit the unique design challenges of this project.”

Muhammad Waseem,
My Energy Group



Hi-MO 4M DESIGN

Half-cut cell technology enables higher power and lower hot spot temperature because of low working current



Using M6 standard wafer, part of assembly line upgraded to 9BB, further improves power



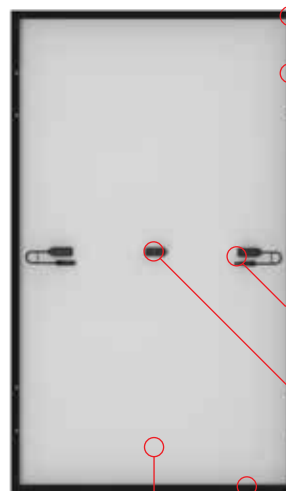
Unique parallel connection design, more energy yield in case of shading



35mm frame, front / back side maximum static loading: 5400Pa/2400pa



Cell efficiency >22%, anti-LID, anti-PID, 1st year degradation ≤2%



2 grounding holes and 1 leakage hole at each corner



8 mounting holes, adaptable to various mounting approaches



Split junction box, cable length 300mm (can be customized)



Backsheet and junction box supporting 1500V system



Option: full black module with black frame and black backsheet (60HPB)

Backsheet with fluoride on both sides, resistant to ultraviolet radiation