

# RK Solar & Consulting Services

## **Case Study – St Joseph’s Catholic School**



<b>System Size:</b>	<b>30kW</b>
<b>Panel Brand:</b>	LDK Solar Inc
<b>Panel Model</b>	LDK 250W Poly
<b>Panel Quantity</b>	120
<b>Inverter Brand:</b>	Power One
<b>Inverter Model:</b>	TRIO - 27.0 – TL - OUTD
<b>Solar Annual Production:</b>	43,800kWh
<b>Return on Investment (ROI)</b>	40.4%

St Joseph's Primary School is based in Sydney Bulli region. The primary school caters to kids from kindergarten to year 6. The school said "We installed solar help reduce our energy spending and to help set a good example for the children attending the school".

We proposed a 30kW Solar system, which would produce an average of 120kWh per day. This system will cut their energy bill by 15% - 20% depending on weather. The system would pay itself in about 2.5 years. The school have set an example for kids to follow and helped reduce CO2 from the atmosphere.

