



80kW SOLAR PROPOSAL

Prepared for Johnson Test Concrete Company
Date 29/08/2018
Notes

PREPARED BY Chris Taeni | 0411 549 054 | chris@solarproof.com.au
COMMERCIAL IN CONFIDENCE PROPOSAL

40.25%
RETURN ON INVESTMENT



EXECUTIVE SUMMARY

Dear John Billings ,

We have determined that Johnson Test Concrete Company is currently spending approximately \$13,815 on electricity bills annually.

In the following pages we will detail how the savings from a solar power solution could total \$12,045 per year, representing an excellent proposition from a financial perspective.

We anticipate that the solution will save you \$327,750 over the next 25 years and will deliver a payback period of 3.17 years.

60kW Solar Power Proposal

KEY FIGURES

Your annual power bill now	\$13,815
Your annual power bill after solar installation	\$1,770
Year 1 Savings Estimate	\$12,045
Total Investment	\$29,920.73
Payback Period	3.17 years
Return On Investment	1,095.4%
Internal Rate of Return	31.75%



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3.17 years

PAYBACK PERIOD

SITE SUMMARY

You have an excellent roof for solar production. We have detailed an image below indicating where solar panels may be best installed to maximise production.

Site Location: Cunningham Street, Northcote, VIC, 3070



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Your site is excellent for solar production

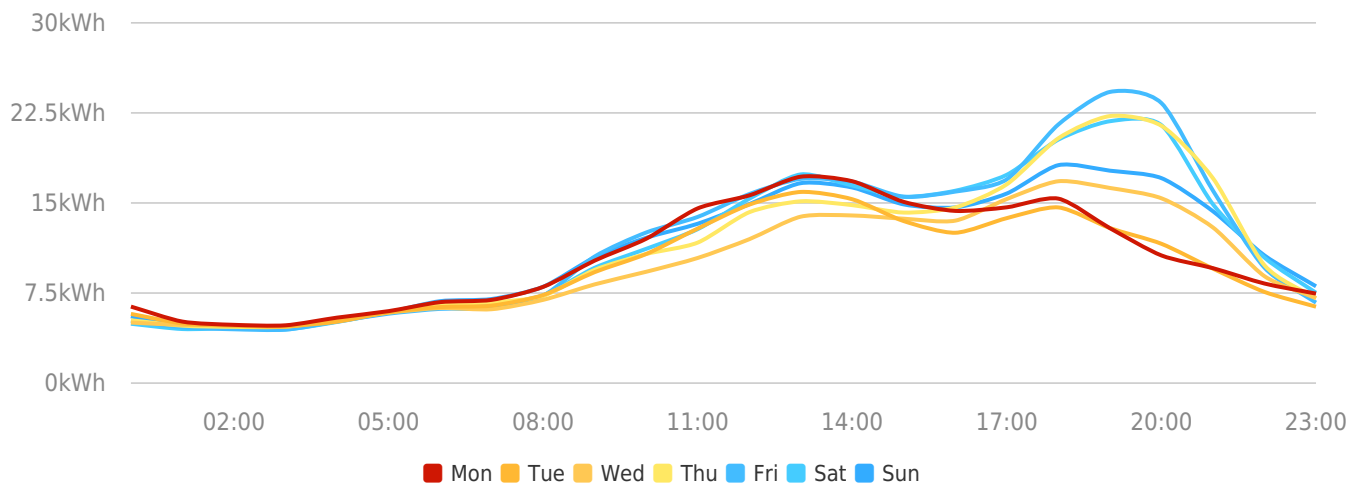
CURRENT ENERGY USE

We have assessed your energy use and have determined that a solar system could have a very favourable outcome.

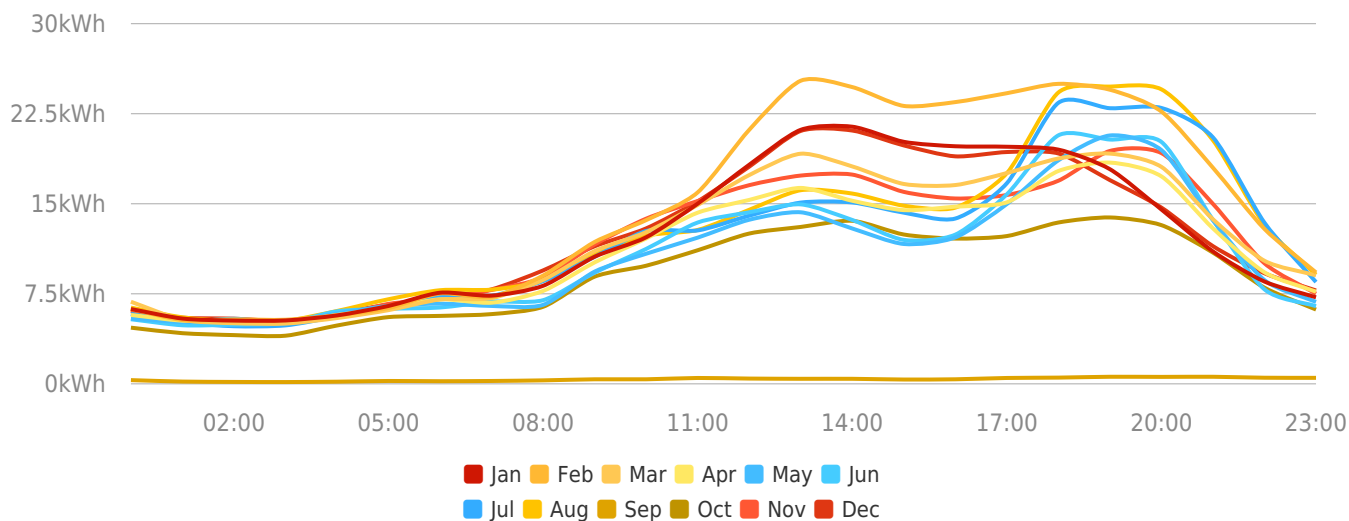
Current Energy Use Per Day: 260.0kWh

Current Annual Energy Use: 94,900kWh

AVERAGE DAY BY WEEKDAY



AVERAGE DAY BY MONTH



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Your average daily energy use is currently 260.0kWh

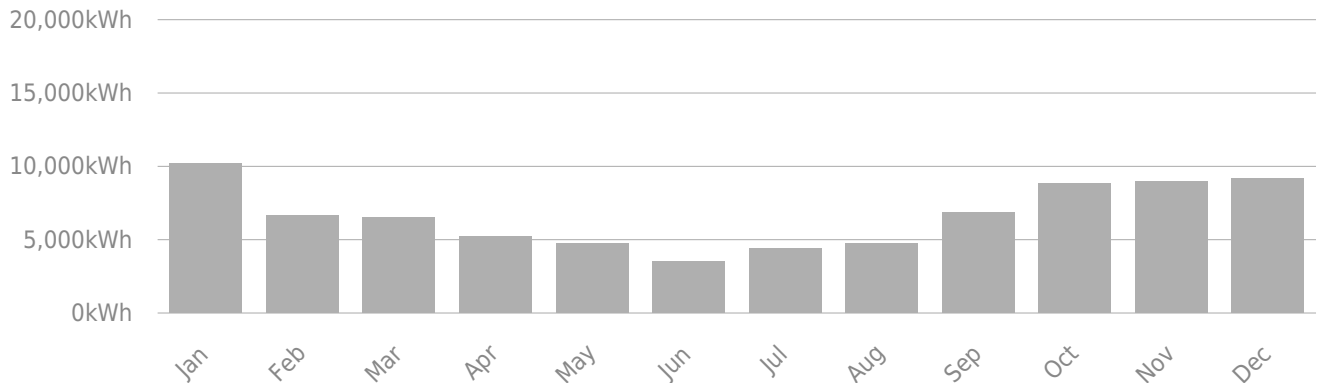
SOLAR PRODUCTION

We have run a full year simulation of solar production based on a xkW system using hourly data.

Average Solar System Production Per Day: 218.5kWh

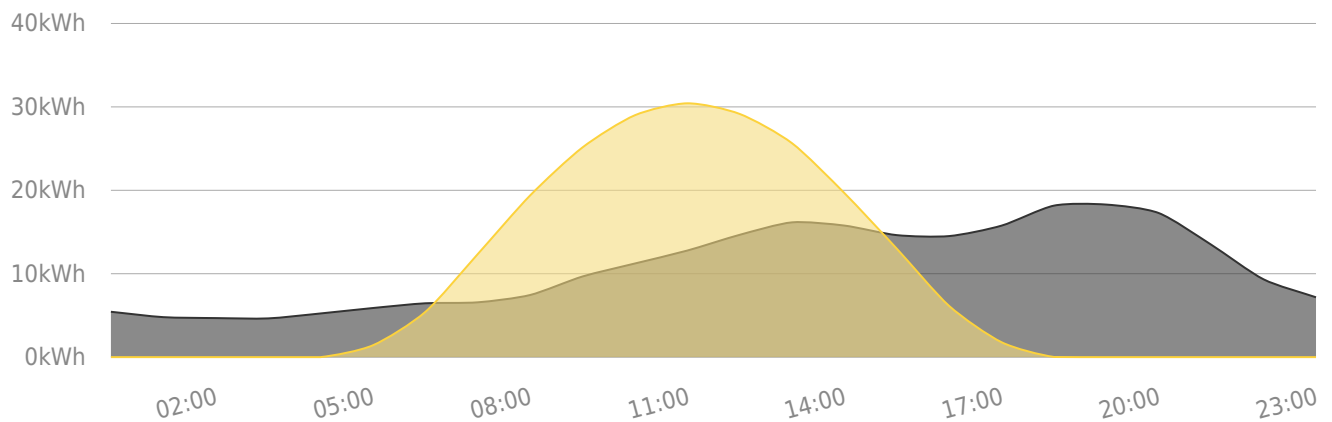
Total Annual Energy Production: 79,753kWh

MONTHLY SOLAR PRODUCTION



■ Total Solar Production

AVERAGE DAY SOLAR PRODUCTION



■ Average energy use ■ Average solar production



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Your average solar energy production is 218.5kWh

EFFECT OF SOLAR

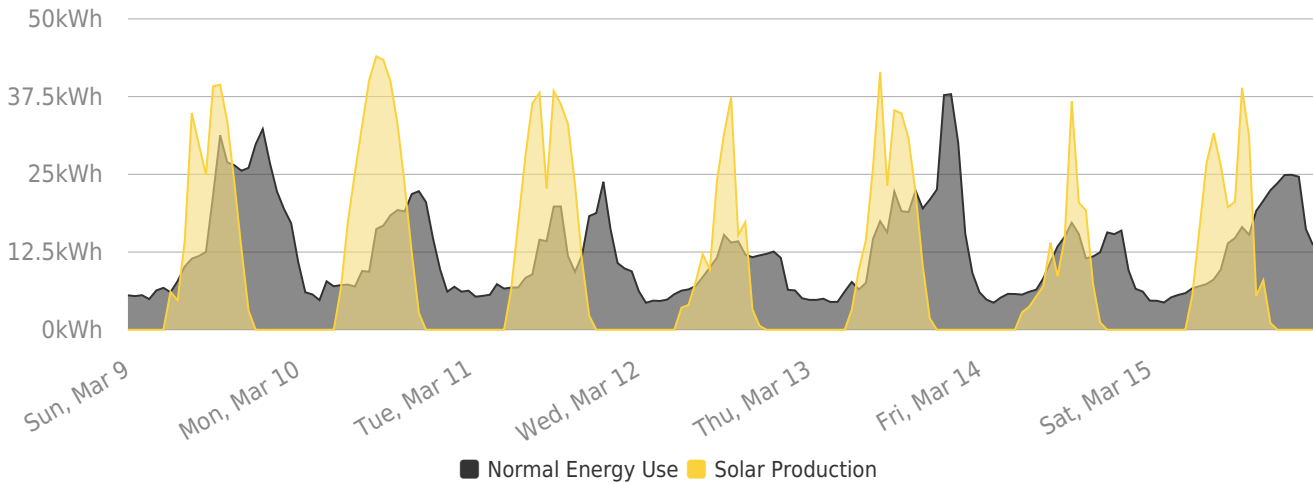
Solar seems to have a very positive effect on your energy usage as detailed below.

Total energy used directly from solar: 218.5kWh

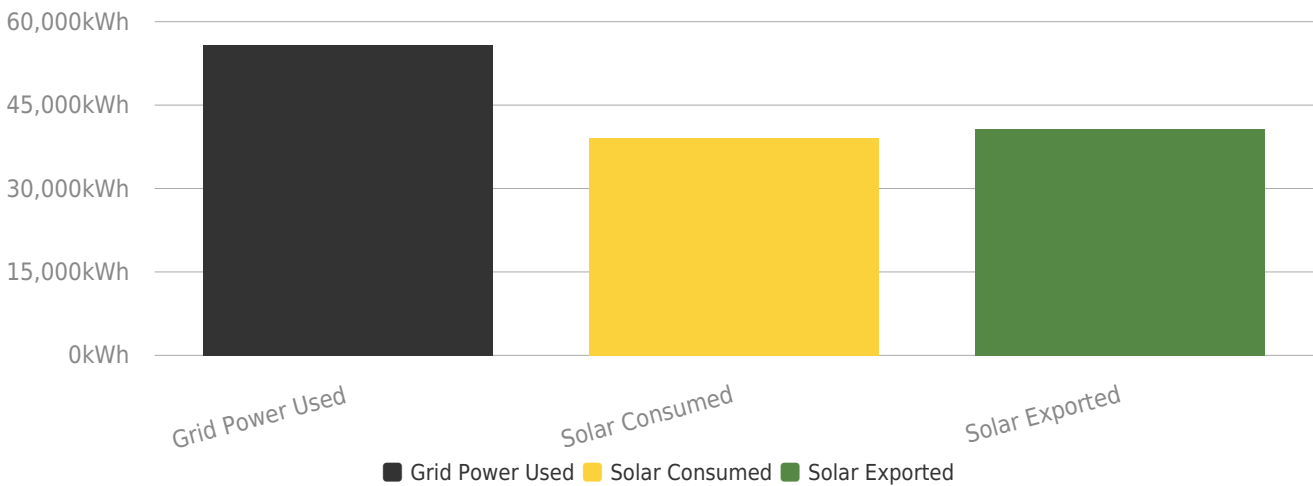
Total energy exported: 79,753kWh

Energy exported as a percentage of solar produced: 50.99%

1 WEEK OF SOLAR PRODUCTION



AVERAGE DAY SOLAR PRODUCTION



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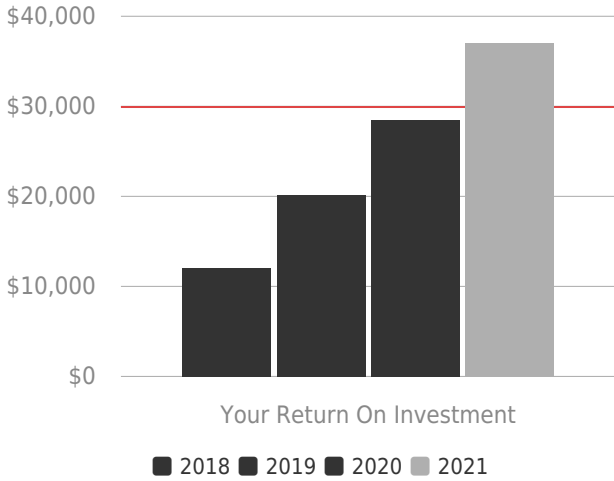
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You are likely to use 39,086.8kWh/year from solar.

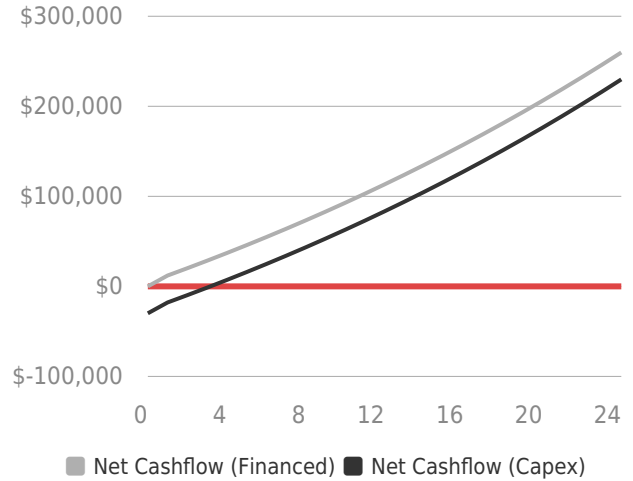
FINANCIAL VIABILITY

With any investment, the numbers are important. We have used all the information provided by you to produce a full 25 year analysis of your financial outcomes from a 60kW solar system.

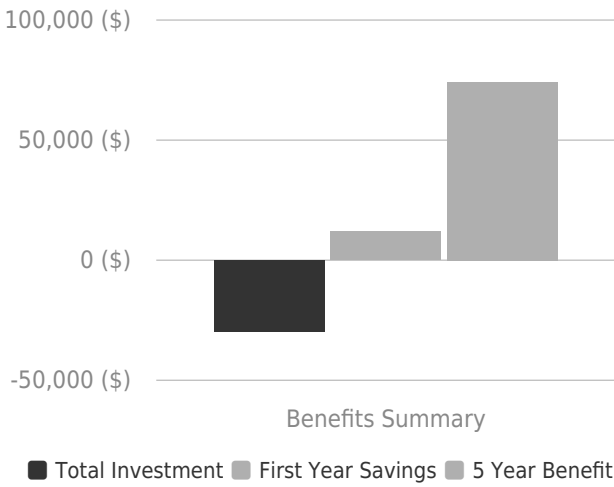
RETURN ON INVESTMENT



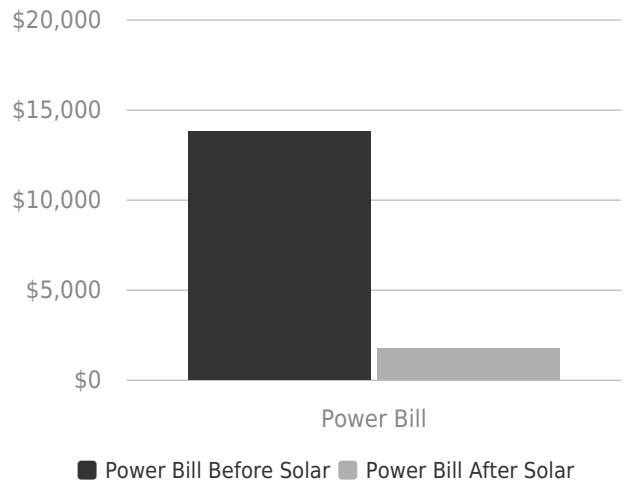
NET FINANCIAL POSITION



BENEFIT SUMMARY



POWER BILL



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Your average solar energy production is 218.5kWh

TERMS & CONDITIONS

Insert your terms and conditions.



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Your average solar energy
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