

10/49 Napier Street
Footscray VIC 3011
AUSTRALIA



About Us

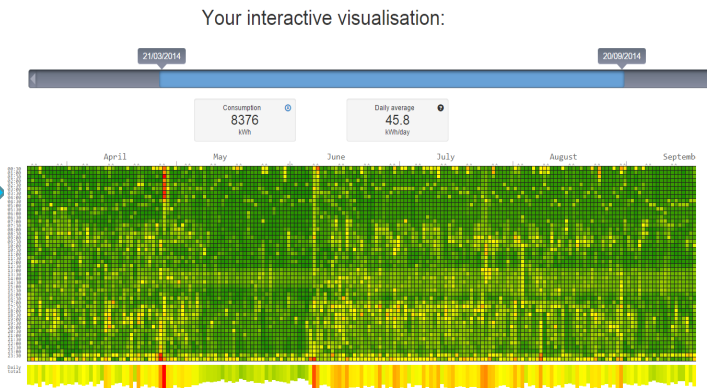
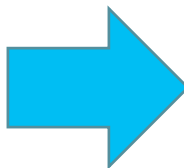
TrueDemand is a professional energy engineering consultancy providing energy market analysis and advice (renewables, electricity, gas and carbon), renewable engineering and energy economic advice. We were established in 2013 and are based in Melbourne, Australia. Our work focusses on analysing the impact of rooftop solar PV and energy efficient technologies – developing engineering solutions and energy economic advice for optimal design; design and regulation of energy markets; the regulation of energy networks; and the economics of renewable energy. TrueDemand’s clients include small and large businesses, households; industry associations; consultancies and research organisations.

We win commissions and repeat business from a wide range of clients because we are knowledgeable in our field, and we are able to apply that knowledge efficiently. We are active in both peer-reviewed research work and as a consultancy.

Smart meter analytics

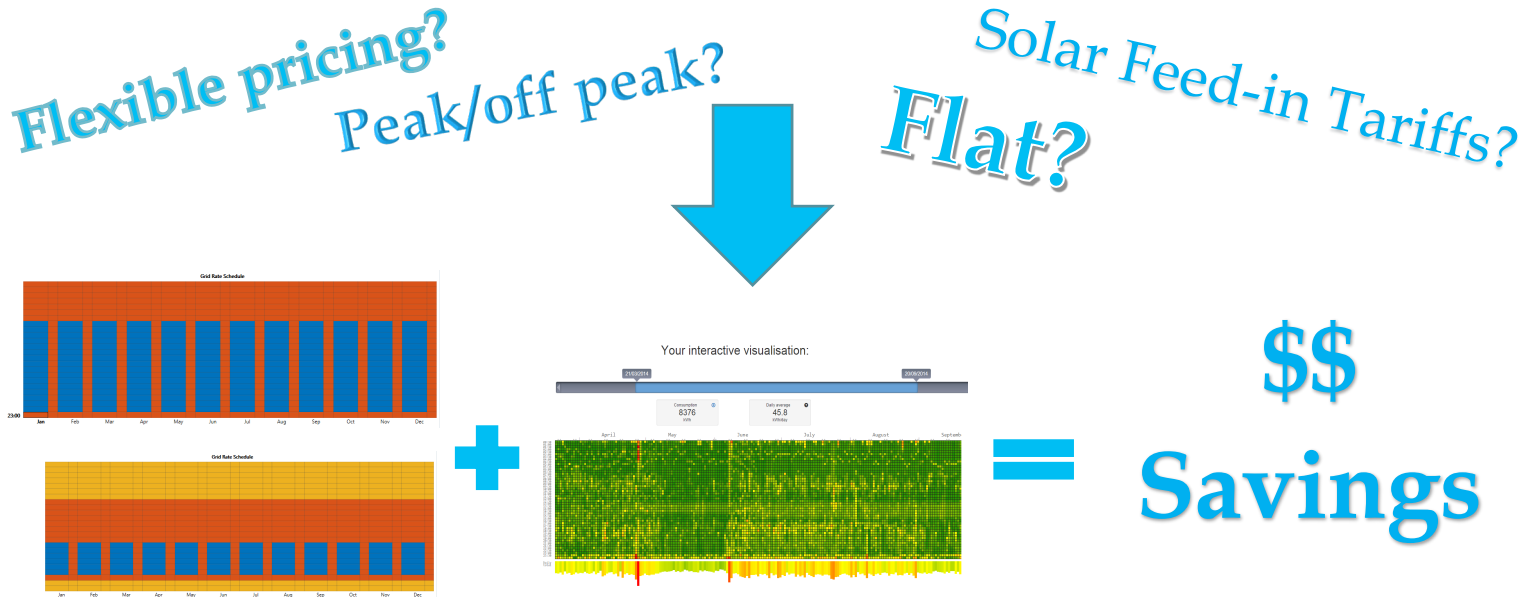
We transform your electricity, unworkable smart meter data files into useful and powerful visualisations to make informed energy choices. We use these files to develop outstanding technological solutions to reduce energy use and optimise the economics to reduce your electricity bills.

	A	B
1	NMI 62XXXXXXX	Meter DZ1XXXXX
2		
3		Light • Power
4		
5	DD/MM/YYYY HH:MM	Value (kWh)
6	1/02/2014 0:30	1.1
7	1/02/2014 1:00	1
8	1/02/2014 1:30	1
9	1/02/2014 2:00	1
10	1/02/2014 2:30	1
11	1/02/2014 3:00	1
12	1/02/2014 3:30	1.1
13	1/02/2014 4:00	1
14	1/02/2014 4:30	0.9
15	1/02/2014 5:00	1
16	1/02/2014 5:30	1
17	1/02/2014 6:00	0.9
18	1/02/2014 6:30	0.8
19	1/02/2014 7:00	0.6
20	1/02/2014 7:30	0.6
21	1/02/2014 8:00	0.6
22	1/02/2014 8:30	0.9
23	1/02/2014 9:00	0.8
24	1/02/2014 9:30	0.7
25	1/02/2014 10:00	0.6
26	1/02/2014 10:30	0.8
27	1/02/2014 11:00	0.7
28	1/02/2014 11:30	2
29	1/02/2014 12:00	2.8
30	1/02/2014 12:30	1.1
31	1/02/2014 13:00	1
32	1/02/2014 13:30	1.3
33	1/02/2014 14:00	1



Tariff Optimisation

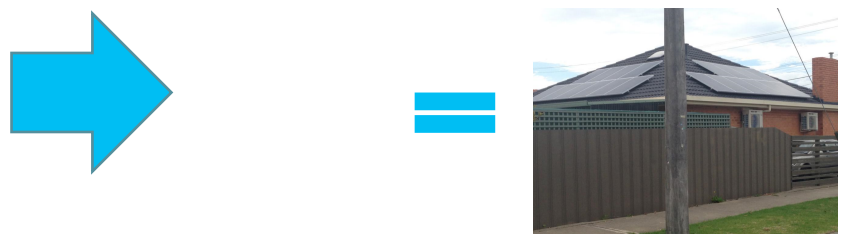
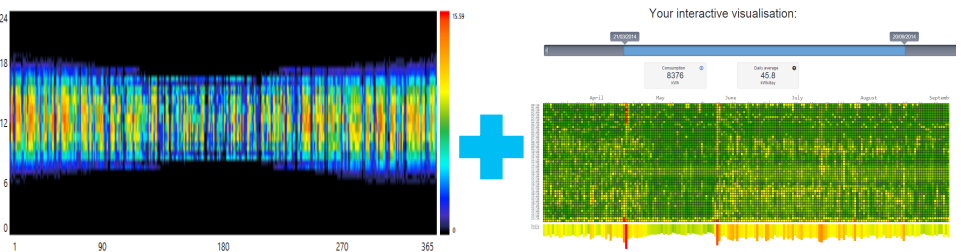
There are hundreds (seriously) of electricity and gas tariffs to choose from in Australia, how do you know which one meets your energy needs? Our professional service provides clarity, finding the right tariff to reduce your bill. And once you have solar on your roof, this changes again! We have saved clients as much 30% off their electricity bills through finding the best tariff and retailer.



Rooftop solar

Our rooftop solar design modelling and feasibility will ensure you get the best solar output based on your needs, your energy usage and provide you answers based on the best engineering analysis available. Questions we often get from clients. Should I self-consume? Should I face West to coincide with my late afternoon usage? What is the payback? Do I get a return on investment?

What size?
Which inverter?
Which panels?
Placement?



Australian Standard Level 2 Energy Audits

Whilst rooftop solar is a fantastic means of reducing bills and greenhouse gas emissions, energy usage is often overlooked. TrueDemand is an independent engineering firm committed to acting in the consumer's best interests. We seek to identify the most economically beneficial solution - whether that be solar, demand reduction, or both. By determining how energy is being used within your building, the most effective means of reducing your energy bills and emissions can be established.

Our comprehensive energy audit covers all energy uses in the household/business. We provide advice on the latest technological solutions, capital cost to install those solutions, estimate annual savings, payback periods and emission reductions:

- Lighting
- Heating and cooling
- Hot water
- Standby power
- Appliances



LED lighting



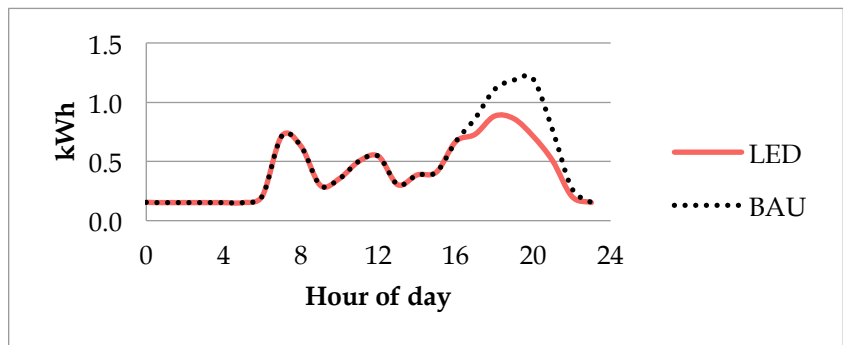
High efficiency heat pump hot water



Smart powerboard



High efficiency reverse-cycle air-conditioning



Example table of how our recommendations are articulated to you: Easy to understand, professional, useful.

Recommendation	Capital cost	Annual saving	Payback period (years)
Solar - 5 kW	\$5,500	\$820	6.7
Heat pump	\$2,500	\$400	6.3
R/C Air Con	\$2,000	\$660	3.0
LEDs	\$400	\$235	1.7

Our Team

Our professional energy engineering team are ready to get you your power back.

Paul Szuster **(paul.szuster@truedemand.com.au)**



Paul Szuster is the Director of TrueDemand. Paul is a civil engineer with specialisations in the application of renewable engineering in civil applications, developing technological solutions and robust energy economic analysis. His clients have included small and large businesses, households, and energy economic firms. He has worked mainly in Australia along with teams in Britain, US, and Singapore. He has a Bachelor of Civil/Structural Engineering at the University of Adelaide and is undertaking a Master of Engineering in Sustainable Energy at RMIT University.

Darcy Denton **(darcy.denton@truedemand.com.au)**



Darcy Denton is an engineering and energy consultant with TrueDemand. Darcy is an environmental engineer specialising in renewable energy systems and mechanical engineering. His clients have included homeowners, small and large businesses. He has worked predominantly in Australia, along with stints in Germany and Denmark. He completed a Bachelor of Environmental Engineering at Monash University and is currently undertaking a Master of Engineering in Sustainable Energy at RMIT University.