

PV PROJECT

ABOUT US

Enertech PV Australia Pty Ltd (EPVA) is an innovative new energy company offering a unique approach to overcoming the challenges facing Australia's transition to a carbon friendly future.

We are a vertically integrated, renewable energy company offering solutions and benefits in PV solar, wind, battery storage, block-chain billing and micro-grid transmission networks.

Our Australian team offers our clients the knowledge and experience in delivering a fresh, positive approach to managing the delivery of electricity in the Australian market. Our parent company in China provides us the strength of their engineering expertise, top quality products, services and investment finance. We deliver projects across regional areas and nationally through our network of strategic partners including suppliers, engineers, local tradespeople and electricians.



PV PROJECT : CHENGTAI

Project Name: Goodway Machining Corporation 0.8MW Rooftop Solar Project

Construction Company: An Nuo (Suzhou) Energy Technology Company

Installed Capacity: 800kW

Address: 4888 Taihu Ave., Wujiang District, Suzhou, Jiangsu, China



Rooftop Type: Concrete and ribbed steel roof panels

PV Panel Specs: GCL 325Wp polycrystalline

Inverter Specs: Huawei 36kW string inverter

Grid-Connection Method: LV grid-connection

Expected Electricity Generation:

(1) 25-year total operating hours: 23575 h

Total Energy Generation: 22.4 GWh

(2) Cumulative moving average in 5-year increments

Table 1: Cumulative Moving Average in 5-Year Increments

	Utilization Hours (hr)	Energy Generation (MWh)
5-year yearly average	1026.18	9749
10-year yearly average	1003.52	9533
15-year yearly average	981.76	9327
20-year yearly average	961.99	9139
25-year yearly average	943.02	8959

Table 1

Electricity Price Bracket: Jiangsu Large Industry 10 kV

Price of Electricity in Jiangsu for 10 kV Large Industrial Customers (Implemented April 1st, 2018)

Time	Peak Hours		Average Demand Hours		Off-Peak Hours
	08:00 – 12:00	17:00 – 21:00	12:00 – 17:00	21:00 – 24:00	
Price (RMB/kWh)	1.0697		0.6418		0.3139

Per Unit Electricity Price Discount: 79%

Percentage of PV Electricity Used by Customer: ~95%

Solar Subsidies: Municipal subsidy: 0.37 RMB/kWh for 3 years, Estimate for National subsidy: 0.32 RMB/kWh for 17 years.

Feed-In Tariff: 0.391 RMB/kWh

Owner Name: Goodway (Wujiang) Company

Company Type: Manufacturing & machining

Company Introduction (Founding, Financial Situation, Annual Electricity Costs): The company was founded on March 30th, 2007. It is a Wholly Foreign-Owned Enterprise (WFOE). Registered capital is 8 million USD. Current financial situation is good. Annual electricity costs exceed 2 million RMB.

Photo of PV Installation:



PV PROJECT : KEYI

Project Name: Suzhou Ke Yi Residential Equipment Company 1.2 MW Rooftop Solar Project

Construction Company: Suzhou Green Ridge Solar Energy Company

Installed Capacity: 1030 kW

Address: 189 Wang Jiang Rd., Suzhou Industrial Park, Suzhou, Jiangsu, China



Rooftop Type: Concrete

PV Panel Specs: GCL 270Wp polycrystalline

Inverter Specs: Huawei 36kW string inverter

Grid-Connection Method: LV grid-connection

Expected Electricity Generation:

(1) 25-year total operating hours: 23575 h

Total Energy Generation: 24.05 GWh

(2) Cumulative moving average in 5-year increments

Table 1: Cumulative Moving Average in 5-Year Increments

	Utilization Hours (hr)	Energy Generation (MWh)
5-year yearly average	1026.18	1046.7
10-year yearly average	1003.52	1023.6
15-year yearly average	981.76	1001.4
20-year yearly average	961.99	981.2
25-year yearly average	943.02	961.9

Table 1

Electricity Price Bracket: Jiangsu Large Industry 20 kV

Price of Electricity in Jiangsu for 20 kV Large Industrial Customers (Implemented April 1st, 2018)

Time	Peak Hours		Average Demand Hours		Off-Peak Hours
	08:00 – 12:00	17:00 – 21:00	12:00 – 17:00	21:00 – 24:00	
Price (RMB/kWh)	1.0597		0.6358		0.3119

Per Unit Electricity Price Discount: 85%

Percentage of PV Electricity Used by Customer: ~90%

Solar Subsidies: **Municipal subsidy:** 0.37 RMB/kWh for 3 years, Estimate for National subsidy: 0.32 RMB/kWh for 17 years.

Feed-In Tariff: 0.391 RMB/kWh

Owner Name: Suzhou Ke Yi Residential Equipment Company

Company Type: Manufacturing

Company Introduction (Founding, Financial Situation, Annual Electricity Costs): The company was founded on August 22nd, 2006. Registered capital is 8 million USD. Current financial situation is good. Annual electricity costs exceed 2 million RMB.

Photo of PV Installation:



PV PROJECT : TONGYUAN

Project Name: Suzhou Tong Yuan Cable Technology Company 0.5 MW Rooftop Solar Project

Construction Company: Suzhou Green Ridge Solar Energy Company

Installed Capacity: 500 kW

Address: 1989 Zuan Shi Rd., Xiang Cheng District, Suzhou, Jiangsu, China



Rooftop Type: Concrete

PV Panel Specs: GCL 270Wp polycrystalline

Inverter Specs: Huawei 36kW string inverter

Grid-Connection Method: LV grid-connection

Expected Electricity Generation:

(1) 25-year total operating hours: 23575 h

Total Energy Generation: 11.79 GWh

(2) Cumulative moving average in 5-year increments

Table 1: Cumulative Moving Average in 5-Year Increments

	Utilization Hours (hr)	Energy Generation (MWh)
5-year yearly average	1026.18	513.1
10-year yearly average	1003.52	501.8
15-year yearly average	981.76	490.9
20-year yearly average	961.99	481.0
25-year yearly average	943.02	471.5

Table 1

Electricity Price Bracket: Jiangsu Large Industry 10 kV

Price of Electricity in Jiangsu for 10 kV Large Industrial Customers (Implemented April 1st, 2018)

Time	Peak Hours		Average Demand Hours		Off-Peak Hours
	08:00 – 12:00	17:00 – 21:00	12:00 – 17:00	21:00 – 24:00	0:00-8:00
Price (RMB/kWh)	1.0697		0.6418		0.3139

Per Unit Electricity Price Discount: 85%

Percentage of PV Electricity Used by Customer: ~95%

Solar Subsidies: Municipal subsidy: 0.37 RMB/kWh for 3 years, Estimate for National subsidy: 0.32 RMB/kWh for 17 years.

Feed-In Tariff: 0.391 RMB/kWh

Owner Name: Suzhou Tong Yuan Cable Technology Company

Company Type: Manufacturing

Company Introduction (Founding, Financial Situation, Annual Electricity Costs): The company was founded on April 29th, 2010. Registered capital is 52 million USD. Current financial situation is good. Annual electricity costs exceed 6 million RMB.

Photo of PV Installation:

