

Initial costs (credits)	Unit	Quantity	Unit cost	Amount	Relative costs
Feasibility study					
Site investigation	p-d	10	AUD 500	AUD 5,000	
Resource assessment	project	1	AUD 280	AUD 280	
Environmental assessment	p-d	7	AUD 400	AUD 2,800	
Preliminary design	p-d	8	AUD 650	AUD 5,200	
Detailed cost estimate	p-d	10	AUD 360	AUD 3,600	
GHG baseline study & MP	project	1	AUD 10,000	AUD 10,000	
Report preparation	p-d	20	AUD 400	AUD 8,000	
Project management	p-d	40	AUD 650	AUD 26,000	
Travel & accommodation	p-trip	8	AUD 2,000	AUD 16,000	
<input type="button" value="-"/> User-defined	cost			AUD -	
<input type="button" value="+"/>					
Subtotal:				AUD 76,880	0.3%
Development					
Contract negotiations	project	1	AUD 6,000	AUD 6,000	
Permits & approvals	project	1	AUD 2,500	AUD 2,500	
Site survey & land rights	project	1	AUD 2,500	AUD 2,500	
GHG validation & registration	project	1	AUD 12,000	AUD 12,000	
Project financing	project	1	AUD 3,000	AUD 3,000	
Legal & accounting	project	1	AUD 3,500	AUD 3,500	
Project management	project	1	AUD 250,000	AUD 250,000	
Travel & accommodation	p-trip	1	AUD 2,000	AUD 2,000	
<input type="button" value="-"/> User-defined	cost			AUD -	
<input type="button" value="+"/>					
Subtotal:				AUD 281,500	1.2%
Engineering					
Site & building design	project	3	AUD 16,000	AUD 48,000	
Mechanical design	project	3	AUD 60,000	AUD 180,000	
Electrical design	project	3	AUD 70,000	AUD 210,000	
Civil design	project	3	AUD 90,000	AUD 270,000	
Tenders & contracting	project	2	AUD 45,000	AUD 90,000	
Construction supervision	project	2	AUD 30,000	AUD 60,000	
<input type="button" value="-"/> User-defined	cost			AUD -	
<input type="button" value="+"/>					
Subtotal:				AUD 858,000	3.6%
Power system					
Photovoltaic - 5000 kW	kW	5,000	AUD 1,565.28	AUD 7,826,400	
Road construction	km	4	AUD 62,500	AUD 250,000	
Transmission line	km	5	AUD 30,000	AUD 150,000	
Substation	project	1	AUD 700,000	AUD 700,000	
Energy efficiency measures		1	AUD 80,000	AUD 80,000	
<input type="button" value="-"/> LGCs	cost	1	AUD (2,713,200)	AUD (2,713,200)	
<input type="button" value="+"/>					
Subtotal:				AUD 6,293,200	26.2%
Balance of system & miscellaneous					
Specific project costs					
<input type="button" value="-"/> Photovoltaic					
Inverter	kW	5,000	AUD 630	AUD 3,150,000	
Collector support structure	m ²	27,042	AUD 5.60	AUD 151,435	
Installation	project	21,740	AUD 6.50	AUD 141,310	
Building & yard construction	m ²	50,000	AUD 150	AUD 7,500,000	
Spare parts	%	10.0%	AUD 8,141,400	AUD 814,140	
Transportation	project	1	AUD 50,000	AUD 50,000	
Training & commissioning	p-d	5	AUD 1,500	AUD 7,500	
Electrical infrastructure	project	21,740	AUD 25	AUD 543,500	
<input type="button" value="-"/> Office Infrastructure	cost	1	AUD 80,000	AUD 80,000	
<input type="button" value="-"/> Hardware & Software	cost	1	AUD 70,000	AUD 70,000	
<input type="button" value="+"/>					
Contingencies	%	20.0%	AUD 20,017,465	AUD 4,003,493	
Interest during construction	0%	0 month(s)	AUD 24,020,958	AUD 0	
Subtotal:				AUD 16,511,378	68.7%
Total initial costs				AUD 24,020,958	100.0%

Annual costs (credits)	Unit	Quantity	Unit cost	Amount
O&M				
<input type="button" value="v"/> Show data				AUD 5,000
Land lease & resource rental	project	1	AUD 5,200	AUD 5,200
Property taxes	project	1	AUD 6,200	AUD 6,200
Insurance premium	project	1	AUD 15,700	AUD 15,700
Parts & labour	project	1	AUD 60,000	AUD 60,000
GHG monitoring & verification	project	1	AUD 2,500	AUD 2,500
Community benefits	project	1	AUD 10,000	AUD 10,000
General & administrative	%	2.0%	AUD 104,600	AUD 2,092
<input type="button" value="-"/> Office O & M	cost	1	AUD 4,500	AUD 4,500
<input type="button" value="+"/>				
Contingencies	%	10.0%	AUD 111,192	AUD 11,119
Subtotal:				AUD 122,311

Annual savings	Unit	Quantity	Unit cost	Amount
<input type="button" value="-"/> User-defined	cost			AUD -
<input type="button" value="+"/>				

Periodic costs (credits)		Unit	Year	Unit cost		Amount	
<div><div></div><div></div></div>	Inverter	cost	10	AUD	3,150,000	AUD	3,150,000
<div><div></div><div></div></div>	End of project life	cost				AUD	-