

Project Name Manildra Solar Farm
Date 24-Mar-17

Section	Description	Value	Units	Notes
Project Timeline	Date ARENA contract signed	23/12/2016	Day-Month-Year	
	Date finance contract signed	24/3/2017	Day-Month-Year	
	Date PPA signed	24/3/2017	Day-Month-Year	
	Date of construction start	Jul-17	Month-Year	Projected
	Initial scheduled date of practical completion	May-18	Month-Year	Projected
	End date of defects liability period	2 years from Completion		
PV System	PV array latitude	33.18	° (DDD.ddd)	
	PV array longitude	148.72	° (DDD.ddd)	
	PV array rated installed peak capacity DC	55,872	kW DC	
	PV array total area (module area only)	335,232	m ²	
	PV array ground coverage ratio	0.186		Includes Biodiversity Offset
	PV array orientation from True North	9.2	° East of True North	
	PV array tilt angle above horizontal	./-60	°	
	PV array fixed or tracking	Single axis (horizontal)		
	PV array rated open circuit voltage	1500	V	
	PV array rated short circuit current	177/206	A	
	Quantity of modules	465,600		
	Module manufacturer	First Solar		
	Module model	Series 4v3		
	Module nominal/rated power at STC	120	W	
	Quantity of modules per string	15		
	Quantity of strings per inverter	1,552		
	Inverter continuous rated output power (AC) at 25 degrees C	2,500	kW	
	Quantity of inverters	20		
	Total inverter continuous rated output (AC) at 25 degrees C	50,000	kW	
	Inverter manufacturer	SMA		
Inverter model	2500SC-EV			
Total CapEx	Total Project Cost	109.3	A\$m (exc GST)	
Finance Details	Debt / equity ratio	0.73	ratio	
	Cost of finance	5.1	% pa	