

NT Department of Housing, Local Government and Community
Development

Completion report – Double D/Murray Downs
NTWP00014
ECOENERGY PTY LTD

Contents:

Scope of Work

Extra work done

Attachments

Final review and Acceptance

Service Provider:	Ecoenergy Australia PTY LTD
ABN:	009 628 148
Contact Details:	Mike Farrell 0418 890 050 mike.ecoenergy@gmail.com
Project Name:	DD/Murray downs new solar system.
Contract Number:	NTWP00014
Homeland:	unknown
Community ID:	unknown
Project Type:	New solar system
House or Area:	Main Power System to main house.
Quote Dated	25/3/25
Commencement Date:	05/05/25
Completion Date:	23/9/25
Final Cost:	\$82,047+gst. \$90,251.70 incl gst

Scope of Works:

New diesel hybrid power system including the following.

Installation of new standalone hybrid power system

1. Area
2. Refit AC and DC wiring and switching/fusing.
3. Utilize existing 7.5kw/120v inverter.
4. Installation of new solar arrays and grid tie inverters to power station and school roofs.
5. Fit new main switchboard.

Extra Work completed (not charged):

1. Found the existing homestead roof complex was not suitable structurally to install solar modules or a system enclosure beneath, due to its marginal condition.
2. The system was installed in a remote alternative position approximately 30m from the main building. This meant building concreted ground arrays, a roof structure, and a concrete slab to accommodate the system enclosure.
3. Underground mains cabling to the main house.
4. The chosen area was cleared and levelled with permission from the resident.
5. The existing house main switchboard and RCD's were replaced.
6. The new inverter failed in the first 10 days which will be replaced this week.

Attachments:

Certificate reference

080-142-037

Electrical safety certificate of compliance

Person completing certificate		Electrical contractor
Customer details		
What best describes the customer in relation to where the work was performed?		Another person, business or government agency, including property manager, body corporate or Department of Logistics and Infrastructure
Customer name	Gene Gilby Gilby	
Business name	NTG	
Phone	0437513329	
Email	Gene.gilby@nt.gov.au	
Property address	DD s Outstation Via Murray downs station via Alice Springs NT 0870	
Electrical work details		
What date was the electrical work completed?	23/09/2025	
Does the electrical work relate to a connection to an electricity network?	No	
What type of electrical work was completed?	New Repairs Solar photovoltaic system Energy storage system (ESS) Inverter	
Provide a description of the electrical work undertaken	Installation of the following: Standalone power system including DC and AC coupled components. UG mains to existing building replacement switchboard existing building	

Were there any defects or non-compliances observed on the existing installation which were not repaired?		No	
Solar photovoltaic system details			
Provide a description of the solar photovoltaic work undertaken		10kwp AC and DC coupled solar arrays	
ESS details			
Provide a description of the ESS work undertaken		30.6kwh battery	
What type of chemistry is used in the ESS?		LiFe2	
Make	AERL	Model	51205
Serial number	ALO31M05A02506161600045		
Broad view photo of the ESS location		IMG_8414.jpeg	
Inverter details			
Provide a description of the inverter work undertaken		New DC coupled Pro inverter	
Make	Selectronic SPPro	Model	SPMC481 5kw/48V
Serial number	419983		
Broad view photo of the inverter location		IMG_8388.jpeg	
Electrical worker details			
Electrical worker name		Mike James Farrell	
Licence number	A1492	Licence expiry	18/05/2026
Electrical contractor details			
Electrical contractor name		Ecoenergy Australia Pty Ltd	
Licence number	C0449	Licence expiry	29/08/2028
Electrical contractor's address		PO Box 3795 ALICE SPRINGS NT 0871	
Electrical contractor declaration			

On behalf of, Ecoenergy Australia Pty Ltd, I certify that: <ul style="list-style-type: none">• the information provided is complete and correct.• I understand it is an offence under the <i>Electrical Safety Act 2022</i> to provide false information on a certificate of compliance.• I have managed the electrical work detailed in the certificate ensuring it meets the requirements of the <i>Electrical Safety Act 2022</i>.	
I confirm that I understand and accept this declaration.	<input checked="" type="checkbox"/>

Privacy

NT WorkSafe respects and is committed to safeguarding the confidentiality and privacy of the information that it collects and handles, in accordance with the Northern Territory [Information Act 2002](#).

You have been asked to provide personal information necessary for us to monitor compliance with the requirements of the [Electrical Safety Act 2022](#).

You do not have to provide your personal information but if you choose not to, you will be unable to complete this certificate of compliance and risk committing an offence against the *Electrical Safety Act 2022*.

The information you provide will be accessible to the NT WorkSafe and persons listed in section 41(4) of the *Electrical Safety Act 2022* including:

- the owner and occupier of the place where the work was performed
- the person, other than the owner or occupier, for whom the work was performed
- the operator of the electricity network
- if the work is in-house electrical work carried out under the authority of an in-house electrical licence, the holder of the in-house electrical licence
- the Electrical Safety Regulator

We will not disclose your personal information to third parties unless:

- authorised or required by law to do so
- you have given us your consent to share your personal information for a specific purpose.

You may request access to the personal information we hold about you. If you want more information about the Northern Territory's privacy laws, please refer to the Northern Territory [Information Act 2002](#), or the [Office of the Information Commissioner NT](#).







Final Review and Acceptance

Company Representative	Department Representative
Name: Mike Farrell	Name:
Title: Director	Title:
Signature: 	Signature:
Date: 13 / 10 / 2025	Date:
Comments:	Comments: