

# Local leaders in Electrical & Solar

OFF-GRID SPECIALIST | TRUSTED BUILDER & RENOVATOR



**Dynamic**  
SOLUTIONS NT

Creating training  
and employment  
pathways for  
Indigenous youth  
in the NT.

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100% Indigenous  
owned and operated  
Proudly a local Alice  
Springs business



## Our Vision

To consistently deliver high-quality electrical, solar and construction projects, and keep employing young Indigenous people, guiding a path for a better future.

## Our Mission

To be the regional leader in electrical installation and maintenance, solar installation and maintenance, off-grid solar battery systems, and building projects.

## Dynamic Solutions NT is a trusted local business.

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**Proudly Aboriginal owned and led**

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**Creating opportunities for local youth**

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## The Dynamic Way.

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### Creating Opportunity

for local Indigenous youth to learn and grow

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### Sharing Knowledge

and inspiring our customers and our workers

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### Developing Skills

to encourage a new generation of entrepreneurs

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## Key Services.

### Electrical Installation and Maintenance

For domestic housing and commercial properties, including lights, fans, power points and much more.

### Solar Installation and Maintenance

Accredited and experienced, we design new solar installs and maintain established systems too. Available for complex commercial installs and remote area work too.

### Off-grid solar and battery systems

We are leaders in sustainable off-grid energy supply, as required by remote cattle stations, roadhouses and Indigenous communities.

### Construction, Renovations and Refurbishments

For small-medium sized projects such as bathroom or kitchen fit outs, including quality tiling. Experienced demolition crew.





## Dynamic Solutions – benefits at a glance.

- 1 Qualified local Electrician - safe, reliable and professional.
- 2 Accredited Solar installer and designer – CEC Qualified.
- 3 Expertise in off-grid power supply – remote area specialist.
- 4 Extremely time efficient and very cost effective.
- 5 Committed to quality service and clear communication .
- 6 Established network of local tradesmen on call
- 7 Highly experienced builder for renos and refurb
- 8 Well managed, streamlined operation ensures low prices





## Proudly family owned

Aboriginal owned and operated, Dynamic Solutions NT is led by Troy Lawton, an experienced electrical, solar and construction professional located in the Northern Territory. Always leading by example, Troy demonstrates to younger Indigenous people that it's possible to work hard and achieve your dreams.

## Troy Lawton Owner / Operator

A highly energetic, devoted family man, Troy loves hard work and a challenge. Very early into his electrical apprenticeship, he discovered a natural aptitude for all things Solar.

His keen interest in Solar technology ignited a drive to research and learn as much as possible about this fast-evolving sector.

His employer at the time was so impressed, he soon entrusted Troy to lead that company's entire Solar department. Now proudly running his own company, Dynamic Solutions NT in Alice Springs, Troy continues to broaden his specialist skillset, becoming a local leader in the provision of Solar and Battery systems. He is now considered one of the best Solar designers and installers working in the vast Central Australia region.

## Accredited & Qualified

- ✓ A Class Electrical Licence
- ✓ CEC Solar Accreditation
- ✓ White Card
- ✓ Ochre Card
- ✓ HR License
- ✓ EWP
- ✓ Forklift License
- ✓ Working at Heights ticket
- ✓ Working in Confined Spaces
- ✓ CPR

## Leading the way with Indigenous Youth Mentoring

Troy is developing an inhouse Mentors program to encourage and upskill young Indigenous staff while teaching them the electrical, solar and construction business.

Troy knows from experience that a strong line of communication is essential to a safe and healthy workplace. He ensures senior staff regularly check in on every member of the team's physical and mental wellbeing.

Troy has established himself as a leading designer and installer of Solar Systems and off-grid hybrid systems. The following projects are a small sample of his local projects.



## Solar case studies

### 1. Domestic Grid and Battery Connected Systems

Dynamic's experience is vast, including a major install for the Alice Springs Town Council, plus a variety of remote zero export systems for remote Communities. Troy has managed more than 100 domestic grid and battery installations, ranging from 6.6kw single phase, to three phase up to 30kva.

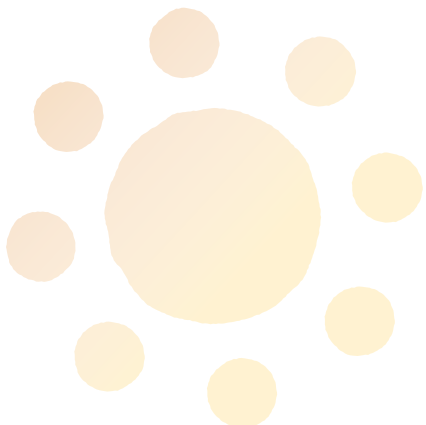
### 2. Proudly connecting Aboriginal Communities

Dynamic has visited and connected many remote communities, include Santa Teresa, Atitjere, Docker River, Tennant Creek, Lajamanu, Kalkarinji.

Troy's expertise covers Redback domestic battery technology, plus the Sungrow Hybrid system and the Selectronic SPPRO system with pylon tech batteries. Even more, sustainably powering 12v lights for an Aboriginal Ceremonial Shelter, he utilised a Victron MPPT off grid system.

### 3. Central Land Council Offices – Construction Project

This project initially needed a relatively complex demolition job, followed by professional install of tiling areas, plus the install of storm water drains.





#### 4. Docker River Community – Kitchen Renovations

Dynamic managed the removal of 2 x old outdated kitchen areas, followed by the design and install of refurbished contemporary kitchens.

#### 5. Quest Apartments, Alice Springs

Install of a 100kw zero export Solar Edge 82.8Kva inverter system with power factor correction unit installed and secondary grid protection. This commercial system was installed and managed by Troy while working with his previous employer.

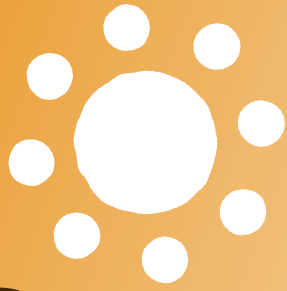
#### 6. Alice Springs Old Timers (ARRCS)

Installation of a 100kw zero export PV system, managed by Troy. Consisted of 4 x 20kw Fronius Symo inverters with secondary grid protection.

A very challenging installation because of varying roof space. Also installation of an additional 1 x 20 kw Sunny Tripower and 2 x 15 kw Sunny Tripower to combine with the existing system to give another total of 100kws PV system.



**To discuss a custom solution specific for your next project, get in touch today.**



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We acknowledge the Traditional Custodians of Country throughout all of Australia. We recognise their connection to sacred sites, traditional lands and waters and pay our respects to their Elder's past, present and emerging.

