



Powering Connectivity



Advanced solutions to monitor,
analyse and control your energy system.

We are committed in shaping the future through innovative green technology to empower connectivity. Our continuous initiatives to modernize equipment, reduce OPEX and improve productivity allow our sites to operate efficiently and at the same time, proactively reducing our carbon footprint.

We manage your energy operations & maintenance, so you can focus on what is important to you, your business.



Challenges

Tower Inefficiency Threatens Profitability

Operators face challenges in powering their existing networks, both off-grid and on-grid, due to unreliable power supply and heavy reliance on Diesel Generator.

1

Conventional Energy

- Space constraints for new battery bank ie Lead Acid battery bank
- No visibility on new & innovative equipment such as L-ion battery, Fuel cell, Sodium i-on

2

Safety and Security

- Safety issues on additional structure load
- Theft of Lead Acid battery with Diesel Generator

3

Higher OPEX due to lack of energy innovation

- Increase of cost per site due to additional equipment installation
- No mechanism to verify the consumption of power grid and fuel
- Off grid sites usually generate very linear Return of Capex due to the 24-hour Diesel Generator consumption.

4

Site Environment Management

- Room temperature exceeding threshold due to multiple battery banks which results in shorter battery lifespan
- No real-time temperature monitoring and preventive measures

5

Conventional Operations & Maintenance

- No mechanism to protect fuel theft
- No visibility on actual Preventive maintenance reports

Energy Solutions That Fit Your Business Needs

Energy is a reliable infrastructure that will assist you in streamlining your business functions. Your needs are unique and specific to your goals. Keeping this in mind, you can choose a solution that best suits your needs.



Energy Ala Carte

Provides and manages partial and/or all energy requirements with cost of consumables passed through to customers

Energy as a Service

Provides and manages all energy requirement including the cost of consumables with an agreed SLA.

Green Energy

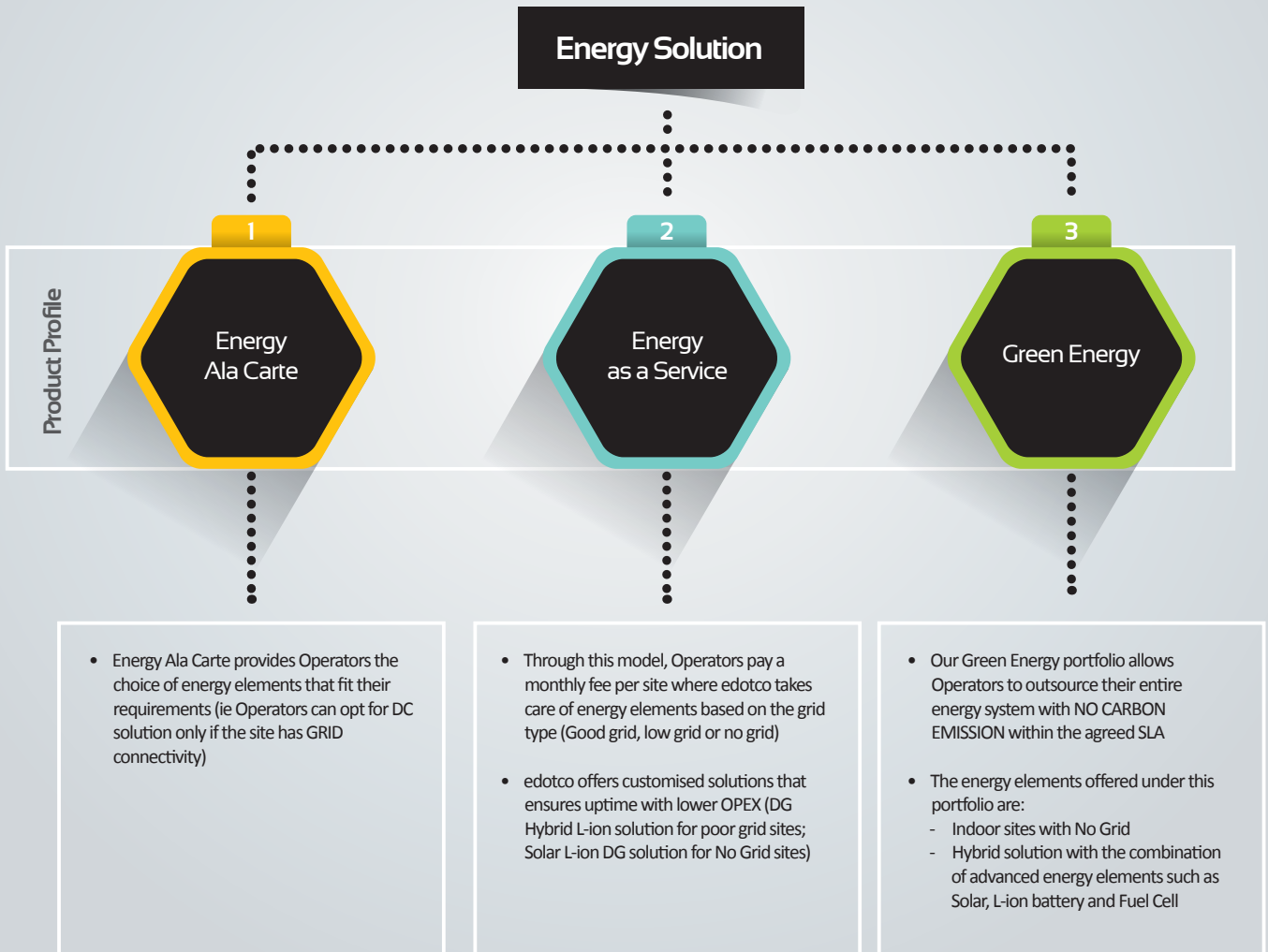
Provides and manages all energy requirement with an agreed SLA with **Zero carbon emission.**



Product Concept

Designing Solutions with Scalability, Robustness and Usability in Mind

Energy is committed to delivering flexible & scalable solutions that optimizes performance and reduces the overall total cost of operations through innovation.



Product Offering

Achieve Measurable Business Impact

Visually analyse overall energy usage pattern, critical alerts, and failures. Track key performance indicators.

Grid Type	Power Availability (Hrs/Day)	Solution					Product Portfolio
		AC	DC	DG	Energy+	Consumables	
Good Grid	22-24	✓	✓	✗	✓	✗	a. Energy Ala Carte
Low/ Bad Grid	<16-21	✓	✓	✓	✓	✗	a. Energy Ala Carte
Good/Bad/ Low Grid	<16- 24	✓	✓	✓	✓	✓	b. Energy as a Service
No Grid	Nil	✗	✓	✓	✓	✓	b. Energy as a Service
Low/ Bad Grid	<16- 21	✓	✓	✗	✓	✓	c. Green Energy
No Grid	Nil	✗	✓	✗	✓	✓	c. Green Energy

- Energy Ala Carte: Based on operator’s particular requirements. Electricity & Fuel Consumables will be passed through
- Energy as a Service: Elements of the package will be determined by edotco & Operator based on Grid Type with an agreed SLA
- Energy + is the advanced alternate energy source of AC & DC such as Solar, Wind, Fuel Cell, L-ion Battery and others
- All sites with our Energy capability will be “echorised”. There are 2 price options: 1) Monthly fee 2) Price per KW hour



Unique Value Proposition

The Benefits to Your Business





enabling connectivity

edotco Group Sdn Bhd

www.edotcogroup.com