

BACK UP POWER INVESTMENT

GET THE FACTS

Energy Solutions Business

Is provided by Integrated Energy Solutions (IES), an independent consulting practise based in Cape Town South Africa, specialising in all aspects of energy supply and utilization.

Our ethos is to help business energy users deal with electricity, fuel or equipment suppliers interests. Shifting the locus of control into the hands of users rather than the suppliers.

The singular objective is to reduce energy costs whilst enhancing supply reliability and efficiencies, so clients can stop worrying about their energy needs and focus on their business activities.

Back up Power investments — South Africa has had power interruptions for many years and this could well continue for many more years. Business owners have to act, but investments in batteries, generators and alternate supply options is expensive!

Business owners and electricity users are not skilled at determining how best to address the need for back up power. Many are confused with offers that solar PV will sort the problem.

Given the extensive Eskom load shedding, the need to act is higher than ever. Hence, the **Energy Solutions –Business Back Up Investment Service** is specifically designed to ensure:

- Correct solution is identified, batteries, generator or perhaps solar PV.
- Systems are accurately sized to meet the needs.
- Sound investment decisions & value for money are obtained

The service includes; assessment of needs, independently sizing of installations, preparing system neutral specifications, shortlisting suppliers, a closed tender, tender adjudication & business case decision.



Sizing is key! — Setting of the system size is complex, seasonal variation, starting currents and operational matters must all be taken into account!



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ENERGY
SOLUTIONS

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How to get help?

Please contact Integrated Energy Solutions today with your energy need. We will tailor design our service to meet your needs and budget.

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Process and deliverables

#	Step	IES action	Customer action
1.	Contracting	Offer of a cost proposal based on a telephonic interview	Acceptance of the proposal and payment of a deposit
2.	Data gathering & analysis	Complete a single electrical point analysis from utility information	Emails requesting data if needed from electricity supplier
3.	On site survey	Visit site to review the back up needs, growth, operational and seasonal matters	Management will need to attend an interview and grant access to the site
4.	System specification	Based on the analysis, a system type and size will be specified and presented	Client available for a feedback session & authorised to make a size decision
5.	Tender & adjudication	Preparation of the tender document IES adjudicates the submissions and prepares a recommendation report	Client emails a copy to three shortlisted suppliers Ad hoc requesting of missing information
6.	Feedback session and order placement	A one hour feedback session on the report, plus supply of printed and electronic report	Client available for feedback session & authorised to make a buying decision
7.	Installation supervision	One site visit during installation. Checking equipment as per specification, workmanship and invoice confirmation before payment	Client to be available during site visits