

energize

Rates and Data

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GENERAL INFORMATION

What is Energize?

Energize – Energize – the independent power and energy journal of Southern Africa – is a business-to-business journal published by **EE Publishers**, in print and on-line, eleven times a year, serving the electric power and energy sectors of Southern Africa. **Energize** provides a voice for CIGRÉ, the Electric Power Research Institute (EPRI) in Southern Africa, the Southern African Asset Management Association (SAAMA), the South African Energy Storage Association (SAESA), the South African National Energy Association (SANEA) and the South African Photovoltaic Industry Association (SAPVIA).

Target audience

The target audience of **Energize** includes:

- The electrical power and energy sectors of Southern Africa in their widest context
- Engineering managers, power electrical engineers and electrical technologists
- Electricity supply utilities, municipal electricity distributors, and regional electricity distributors
- Large industrial electrical energy end-users
- Consultants, project managers and system integrators
- Suppliers of products, systems and services to these important sectors

Fields of interest

Energize covers all aspects of electric power and energy including:

- Renewable energy
- Transmission and distribution
- Generation
- Application

Energize online

Energize is available online at www.energize.co.za Readers are also invited to subscribe to the monthly email newsletter by visiting our website, or downloading the Energize app.

Mission statement

Energize keeps readers abreast of technologies, developments, applications and news in the fields of electrical power and energy, by the publication of original, relevant, high quality articles, by expert authors, and provides a forum of communication for its readers, the wider industry and the public. **Energize's** mission is to be the leading journal in the electrical power and energy sectors of Southern Africa.

Statement of editorial policy

Energize publishes market-focused, relevant and topical technical and semi-technical articles by leading experts, in an easy-to-read format. **Energize** also reports news, events and details of relevance to the target audience, including industry, institute, company, project, product, technology, people and event news, views, comment and opinion. **Energize** aims to publish a sound mix of technical, semi-technical and industry news articles, as well as company and product news articles which are more commercial in nature.

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Circulation

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Energize is published eleven times per annum and has an audited average monthly circulation of 3889 for the period ending June 2018. As at October 2018, 3023 users have downloaded the **Energize** Android and Apple mobile App to receive the mobile electronic edition of **Energize** monthly.

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2019

PRICE PER INSERTION

(Note: Print adverts are also published in the online and mobile editions at no extra cost)

1 – 2 insertions

	Full colour
Full page	R26 430 ex VAT
1/2 page, vert/hor/A5	R18 500 ex VAT
1/3 page, vert/hor	R15 858 ex VAT
1/4 page	R13 215 ex VAT

3 – 5 insertions

	Full colour
Full Page	R24 448 ex VAT
1/2 page, vert/hor/A5	R17 114 ex VAT
1/3 page, vert/hor	R14 669 ex VAT
1/4 page	R12 224 ex VAT

6 – 10 insertions

	Full colour
Full Page	R22 466 ex VAT
1/2 page, vert/hor/A5	R15 726 ex VAT
1/3 page, vert/hor	R13 480 ex VAT
1/4 page	R11 233 ex VAT

11+ insertions

	Full colour
Full page	R21 144 ex VAT
1/2 page, vert/hor/A5	R14 800 ex VAT
1/3 page, vert/hor	R12 686 ex VAT
1/4 page	R10 572 ex VAT

NB: For overseas bookings, prices available on quotation and (15%) VAT is chargeable for all bookings from outside SA.

Specifications for supplied artwork

- Advertising material can be supplied in JPG, TIF or PDF format, high resolution (300 dpi), with fonts embedded, and in CMYK.
- If an A4 advert is designed to bleed off the page, a 5 mm bleed must be added all round. Keep important information (text, logo's, etc.) in type area.
- For files **bigger than 8 MB**, please contact us.

Advertising sizes (For bleed off the page design, request trim and bleed size)

A4 size:	260 mm high x 180 mm wide
Trim size:	297 mm high x 210 mm wide
Bleed size:	307 mm high x 220 mm wide
1/2 A4 vert size:	260 mm high x 90 mm wide
1/2 A4 hor size:	130 mm high x 180 mm wide
1/3 page vert size:	260 mm high x 60 mm wide
1/3 page hor size:	80 mm high x 180 mm wide
1/4 page vert strip size:	260 mm high x 40 mm wide
1/4 page landscape strip size:	60 mm high x 180 mm wide

Prices for loose inserts (Only local labels)

1 – 2 sides 80 – 128 gsm A4 paper:	R15 370 ex VAT
3 – 4 sides 80 – 128 gsm A4 paper:	R20 750 ex VAT
Other paperweights and sizes:	On request

Special position advertising rates

Front covers: Prices on request

Other special positions IFC, OBC, IBC: Standard rate plus 10% premium.

Bellybands: Note that magazines may have bellybands surrounding the front and back covers. Prices on request.

Note: Special positions are irrevocable bookings.

Bookings and deadlines

Space booking deadline: 15th of the month prior to publication.

Material deadline: 20th of the month prior to publication.

Note: No booking, order or copy instruction received by **EE Publishers** for the placing of advertising material in the journals may be transferred to or from any other third party, without the prior written consent of **EE Publishers**.

Cancellations

No cancellations will be accepted after the space-booking deadline, or without prior written consent and confirmation from **EE Publishers**. Bookings for special positions are irrevocable, (IFC, OFC, IBC, OBC, centre spreads) and may not be cancelled.

Terms and conditions of sale

All bookings subject to **EE Publishers** terms of sales at www.ee.co.za/about/terms-of-sale

For online advertising contact 011 543-7000

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Features

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In every issue of **Energize** there are four main sections, covering all aspects of electric power and energy:

- **Renewable energy**
- **Transmission and Distribution**
- **Generation**
- **Application**

January

Renewable energy: *Wind turbine technology developments*

Design and manufacture; wind farms and wind-power systems; associated regulation, protection, control and automation systems; measurement, logging and prediction systems, recovery and recycling, wind farm security systems, personnel security.

Transmission and distribution: *Smart grid developments*

Power system and substation monitoring, control and automation systems; DCS and SCADA systems; data communication and telecontrol systems; protection schemes, relays and testing; metering and remote meter reading systems.

Generation: *Energy storage systems*

Storage system applications, electro-chemical storage systems, reversible fuel cells, super-capacitors, kinetic and potential energy storage systems, mechanical energy storage technologies, advanced battery technologies; pumped water storage (PWS) systems; gravity storage.

Application: *Water and wastewater applications*

Water desalination systems; operation, condition monitoring, maintenance and repair of pumps, motors and associated drives; energy recovery in water reticulation systems; solar powered water pumping; irrigation system pump motors and controls.

February

Renewable energy: *Biofuel and waste power generation systems*

Biomass, biogas from landfill, municipal and agricultural waste; ethanol, cellulosic ethanol, maize and sugar to liquid fuel plants; co-firing and multi-fuel boilers and gas engines; generation of heat and power from forestry, agricultural, sugar cane, pulp.

Transmission and distribution: *AC overhead lines*

Towers, conductors and line hardware, ABC systems and components; construction, testing and maintenance of lines; testing, maintenance, protection, and safety equipment and systems; autoreclosers, line sectionalisers, disconnect switches, fault passage indicators; optical ground wire.

Generation: *Coal-fired power plants*

Boilers, supercritical and hypercritical boiler systems, steam turbines, generators, condensers, cooling towers and heat exchangers; mechanically driven equipment and associated drives; coal and ash material handling systems.

Application: *Chemical and petrochemical industry applications*

Intrinsically safe and explosion-proof electrical and instrumentation systems; electrical installations at chemical and petrochemical plants; EV charging on retail fuel forecourts, or at potentially hazardous industrial sites.

March

Renewable energy: *Solar thermal power generation systems*

Planning, design, construction, operation

and maintenance of solar thermal power generation systems; heat storage systems; geothermal power generation systems; ground source heating and cooling systems; solar heating and cooling systems.

Transmission and Distribution: *Substations*

Design, installation, maintenance and operation of outdoor and indoor substations; busbar systems and insulators; system protection schemes; CTs and VTs; substation automation, mobile substations; protection relays, substation switchgear and apparatus; copper theft prevention; mini substations.

Generation: *Nuclear power generation plants*

Construction, management, operation and maintenance; new nuclear power developments; small modular nuclear reactors; nuclear waste management, transport, recycling and disposal; pollution control and environmental protection; associated plant and equipment; hybrid power.

Application: *Transportation applications*

Traction motor design and repair, power converters for electric traction; traction transformers, electric and hybrid vehicles, mine electric locomotives, batteries and chargers; forklifts and container handlers.

April

Renewable energy: *Ground-based photovoltaic (PV) systems*

Mounting systems, trackers, inverters, cabling, earthing and lightning protection; panel cleaning systems, dirt monitors; centralised and distributed inverters;

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advanced inverter design and operation; energy monitoring; security and personnel safety.

Transmission and Distribution: Power transformers

Power transformer components, materials and accessories; windings, insulation materials, insulators and bushings; tap changers and associated equipment; power transformer operation, condition monitoring and testing techniques and equipment; transformer oil testing, analysis and treatment.

Generation: Co-generation power plants

Small steam turbines and alternator sets; industrial waste heat and waste product-fired boilers; fuel sources and fuel handling; waste gas systems, furnace off-gas and industrial biogas; heat recovery and steam generation systems.

Application: Hospitals, clinics and healthcare facilities

Energy requirements for healthcare facilities, electrical, hot water, sterile airconditioning, high heat (autoclaves, sterilisation equipment); medical electrical equipment: principles, installation, operation and maintenance.

May

Renewable energy: Hybrid power generation systems

Planning, design, construction, operation and maintenance of hybrid systems; combined wind, hydro, pumped storage, solar PV, concentrating solar, energy storage, diesel, gas or biomass power and heat generation systems.

Transmission and Distribution: Microgrid and embedded energy systems

Microgrid controllers; planning and design; grid connection, generation and dispatch management; network energy storage and dispatch; safety and current flow protection and control.

Generation: Hydro-power plants

Turbines, generators, pumped water storage (PWS) systems; installation of pumps, run-of-river hydropower systems; hydropower plant control, monitoring, management and maintenance; ocean (wave) power.

Application: Commercial, industrial and residential building applications

Management of energy in buildings; energy efficient building services; green buildings and building management systems; energy efficient lighting; load and process cycle shifting; energy auditing and tariff impact studies; power quality management; demand side energy management.

June

Renewable energy: Concentrating solar power (CSP) systems

Tower, parabolic, trough and Fresnell mirror CSP systems; combined thermal and CSP power stations; heat storage systems; design, construction and funding; cost and tariff calculations.

Transmission and Distribution: Switchgear equipment and operator protection

Medium and high voltage switchgear; air insulated, gas insulated and solid insulated switchgear, metal clad switchgear, SF6 insulated switchgear, vacuum circuit breakers, contactors, isolators, fused isolators, fuse gear; switchgear testing and maintenance techniques and systems; protective gear.

Generation: Fixed and mobile standby and temporary power generation systems

Diesel and gas engine powered generators; containerised and mobile generator sets; power farms; monitoring, protection, automation, control and synchronisation; power rental systems.

Application: High reliability power supply for critical operations

UPS systems, standby power supplies

(SPS), rectifiers, inverters and batteries; hybrid UPS/SPS systems; remote monitoring and control of UPS/SPS systems; lightning and surge protection; power quality and quality-of-supply auditing; power quality monitoring, reporting and management systems.

July

Renewable energy: Photovoltaic (PV) technology developments

PV panel technology developments and manufacture; multilayer panels, concentrated PV, thin-film, crystalline PV; recovery and recycling of PV panels; localisation of the industry; efficiency and cost reduction.

Transmission and Distribution: Distribution transformer design and application

Oil insulated and dry-type distribution transformers; pole mount and pad mount transformers; tap changers and associated equipment; distribution transformer maintenance testing and repair.

Generation: Gas fired power generation systems

Open-cycle gas (OCG) and combined-cycle gas (CCG) systems; combined heat and power (CHP) plants; reciprocating gas engine plant; tri-generation systems; heat recovery and use; processes to improve generating efficiency.

Application: Industrial power quality management systems

Load profile and quality of supply metering, active and reactive power demand, voltage control systems; power quality management systems; dip and sag ride through systems; industrial power factor correction, harmonic filters.

August

Renewable energy: Off-grid renewable energy power systems

Planning, design, installation, operation and maintenance of systems for electrification of rural villages, schools and clinics; systems

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for rural off-grid electrification; off-grid power supply systems for telecoms, mines etc.; wind, solar, mini-hydro, biomass, fuel cell, etc.; energy storage systems.

Transmission and Distribution: Power cable design and application

Single-core and multi-core power cables for transmission and distribution; power cable accessories, terminations, and connections; testing and fault location techniques and equipment; jointing and terminating systems; cable theft prevention schemes and equipment.

Generation: Clean coal power generation technologies

Emission control systems; carbon capture and storage systems; underground coal gasification; pre- and post-combustion systems; flue gas scrubbing systems; electrostatic precipitators; particulate filters.

Application: Manufacturing and processing industry applications

Fixed and variable speed drives; motor control centres (MCCs) and motor control applications; processing, control and energy management systems; energy efficiency; demand-side energy management; factory environmental control systems, energy efficient cooling and cold storage.

September

Renewable energy: System modelling and analysis

Energy demand, load profile and consumption studies; industrial, commercial and domestic service connections; consumption metering; revenue protection systems; net metering and feed-in systems and tariffs.

Transmission and Distribution: Power quality measurement systems and services

Transmission line shunt and series capacitor banks, reactors and associated protection relays and schemes; static var compensators (SVCs) and other FACTS

devices and equipment; large harmonic filters and associated system studies; step voltage regulators.

Generation: Generating plant maintenance and repair

Maintenance, repair and refurbishment of turbines, engines, alternators, furnaces, boilers and ancillary equipment; testing, condition monitoring and asset management.

Application: Industrial energy management and energy saving technologies

Demand-side management; load shifting and load control; industrial process control and expert control systems; energy efficiency, rectifiers, controlled rectifiers, rectifier transformers and electrolytic processes; intrinsically safe and explosion-proof electrical and instrumentation systems.

October

Renewable energy: Rooftop PV systems

Own generation PV rooftop systems; inverters, protection equipment, grid connections, net-metering, battery storage systems, standards and legislation; monitoring and control systems; safety and security of personnel and equipment.

Transmission and Distribution: MV distribution systems

MV distribution and distribution boards, circuit breakers and protection; arc flash protection equipment and systems; earthing and lightning protection; reticulation for commercial buildings, office parks, sports stadiums and campuses, housing estates and complexes.

Generation: Power plant planning, operation, maintenance and protection

Power plant project planning; power plant control and instrumentation systems; PLC, DCS and SCADA systems; field instrumentation; generator protection relays and systems; power plant maintenance,

testing, condition monitoring and asset management; load-following control systems.

Application: Mining, metals and minerals applications

Drives; conveyor and stacker reclaimer systems; energy recovery systems; containerised and mobile switchgear units; arc and induction furnaces; voltage control systems for dip and sag ride-through; energy efficiency; underground hazardous gas and environmental monitoring.

November/December

Renewable energy: Utility scale photovoltaic (PV) power systems

PV panel technology, developments and manufacture; frames, structures, support and hardware; trackers, inverters, balance of plant equipment, monitoring and control systems; mounting systems, cables and connector boxes; security and safety equipment and systems.

Transmission and Distribution: High voltage DC transmission

HVDC power transmission, lines, towers and line hardware; HVDC light cable systems and hardware, HVDC converter equipment and systems; outdoor HVDC substations, switchgear and apparatus; safety equipment and practices.

Generation: Generator and alternator technology

Design and manufacture; alternator cooling systems; two-pole and multipole systems; stator and rotor rewinds; upgrade and modernisation; equipment life extension, failure mechanisms and protection systems

Application: Large electrical motors and drives

Energy efficient motor design; MV variable speed drives; design, operation, protection, maintenance and repair of synchronous, squirrel cage and wound rotor induction motors and drives; motor starters and soft start systems for large motors; motor protection systems; motor rewinds.