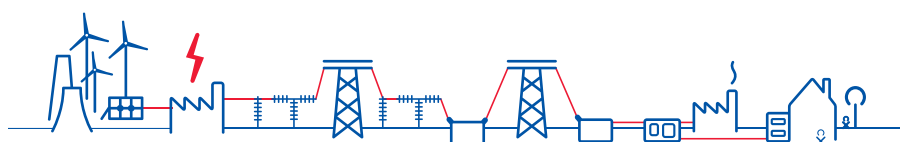


RENEWABLE ENERGY TRANSFORMER REFERENCE LIST



SGB-SMIT AT A GLANCE

Combined, more than

450



YEARS OF EXPERIENCE

Basis for know-how and
for know-why

More than

3,500




EMPLOYEES

take care of
your project

In more than

80



COUNTRIES

satisfied
customers



READY FOR YOUR MARKET

The SGB-SMIT Group manufactures transformers for applications worldwide. Sales and service centers on all continents ensure optimum processes.

Our products meet the requirements in accordance with the applicable national standards.



PRODUCTS

- large power transformers
- medium power transformers
- large liquid-cooled distribution transformers
- liquid-cooled distribution transformers
- cast resin transformers
- shunt reactors
- series reactors
- phase shifters
- Lahmeyer-Compactstationen®

Transformers from 50 kVA up to incl. 1,200 MVA in the voltage range up to 765 kV.



QUALITY MANAGEMENT

The SGB-SMIT Group is certified in accordance with:

- DIN ISO 9001
- DIN ISO 14001
- DIN ISO 50001
- OHSAS 18001



TECHNOLOGIES

Technologies for conventional and renewable energy.

SGB-SMIT POWER MATLA

A MEMBER OF THE SGB-SMIT GROUP



SGB-SMIT POWER MATLA has over 70 years experience in successful design, manufacturing, testing, installation and commissioning of a full range of power and distribution transformers which include large power transformers of voltages up to 800MVA.

SGB-SMIT POWER MATLA

SGB-SMIT POWER MATLA (Pty) Ltd is owned by SGB-SMIT (GmbH) and Power Matla (Pty) Ltd.

SGB-SMIT, is the largest independent and pure-play transformer manufacturer in the world, with headquarters in Regensburg, Germany. They are represented on 3 continents in 8 countries with plants in Germany, the Netherlands, USA, Romania, Malaysia, India, China and the Czech Republic. With transformer expertise since 1913 they produce transformers ranging from 50 kVA up to 1,200 MVA.

Power Matla (Pty) Ltd is a locally owned black empowered company with investments in various portfolios within the renewable energy, ICT, mining and power utilities markets providing good shareholder value and solid returns.

The company consists of Large Power Transformers in Pretoria and Distribution Transformers in Cape Town and supplies a full range of transformers, from generator step-up to transmission and distribution transformers. The range includes three-phase and single-phase units, auto-transformers, arc-furnace, locomotive and traction transformers, miniature sub-stations, NECRT's as well as shunt reactors.

"CUSTOM DESIGNED"

Every SGB-SMIT POWER MATLA unit is custom-made from standardised design elements and using uniform manufacturing operations. This flexible, but well co-ordinated approach ensures the highest quality of design and construction for all our transformers and makes the best possible use of the valuable knowledge and experience gained over the years and best practices developed in our factory.

The Large Power Transformer factory in Pretoria is a well-equipped factory and is amongst the biggest and most sophisticated transformer manufacturing plants within the Southern Hemisphere and one of two large manufacturers within sub-Saharan Africa.

The Distribution Transformers factory in Cape Town has been manufacturing distribution transformers and miniature substations for more than 60 years.



TRANSFORMERS FOR RENEWABLE PROJECTS



OVERVIEW

SGB-SMIT POWER MATLA supplies power and distribution transformers for the renewable energy market. Both factories, the large power transformer facility based in Pretoria, Gauteng which manufactures transformers from 5MVA upwards and the distribution transformer facility based in Epping in the Western Cape supplying transformers from 16kVA up to 5MVA supply power equipment for solar and wind farms as well as for other renewable energy grid projects.

RENEWABLE PROJECTS

SGB-SMIT POWER MATLA has supplied transformers for various renewable projects. Some are highlighted below.

Lesedi Solar Power Project

Operations Date: May 2014

REIPPPP: Round 1

Size: 75W

Technology: Photovoltaic (PV)

Electricity Production: 150 000 MW-hours hourly

Homes powered: More than 65 000 homes

Jasper Solar Power Project

Operations Date: October 2014

REIPPPP: Round 2

Size: 96W

Technology: Photovoltaic (PV)

Electricity Production: 180 000 MW-hours hourly

Homes powered: More than 80 000 homes



YEAR	MVA	RATIO kV/kV	QTY	MV	LV	TER	CUSTOMER	SUBSTATION	APPLICATION
2013	20	132/22	2	132	22	N/A	ABB SA	WITKOP	SOLAR
2013	20	132/22	3	132	22	N/A	ABB SA	SOUTSPAN	SOLAR
2013	40	132/22	2	132	22	N/A	GROUP 5	TOUWSRIVIER	SOLAR
2013	40	132/22	4	132	22	N/A	COBRA/GRANSOLAR	LETSATSI	SOLAR
2013	20	132/11	2	132	11	N/A	ABB SA	PRIESKA	SOLAR
2013	80	132/33	2	132	33	N/A	AVENG	SISHEN	SOLAR
2013	40	132/22	3	132	22	N/A	GROUP 5/IBERDROLA	JASPER	SOLAR
2013	50	132/11	3	132	11	N/A	PT QUADPRO	GOUDA	WIND
2013	31.5	66/33	1	66	33	N/A	BRAND SA	WAAINEK	WIND
2013	72	132/22	1	132	22	N/A	BRAND SA	GRASSRIDGE	WIND
2013	24	22/22	1	22	22	N/A	BRAND SA	CHABA	WIND
2013	40	66/22	1	66	22	N/A	GROUP 5/IBERDROLA	KLIPHEUWEL	SOLAR
2015	80	132/22	1	132	22	N/A	ABLON	PRIESKA	SOLAR
2015	80	132/33	2	132	33	N/A	ADENCO	DE AAR 2	WIND
2015	60	132/33	2	132	33	N/A	ADENCO	DE AAR 1	WIND



YEAR	kVA	RATIO kV/kV	QTY	kV	LV	TER	CUSTOMER	SUBSTATION	APPLICATION
2013	630	22/0.315-0.315	1	22	0.315-0.315	N/A	BRAND ENGINEERING	RUSTMO 1	SOLAR
2013	1250	22/0.315-0.315	5	22	0.315-0.315	N/A	BRAND ENGINEERING	RUSTMO 1	SOLAR
2013	NECRT	22/0.4	2	22	0.4	N/A	COBRA/GRANSOLAR	BLOEMFONTEIN	SOLAR
2013	1250	33/0.315-0.315	8	33	0.315-0.315	N/A	BRAND ENGINEERING	KONKONSIES	SOLAR
2013	1250	22/0.315-0.315	8	22	0.315-0.315	N/A	BRAND ENGINEERING	ARIES	SOLAR
2013	NECRT	22/0.4	2	22	0.4	N/A	CONCO	TOUWSRIVIER	SOLAR
2013	NECRT	22/0.4	1	22	0.4	N/A	GROUP 5/IBERDROLA	CALEDON	WIND
2013	NECRT	33/0.4	1	33	0.4	N/A	GROUP 5/IBERDROLA	NOBLESFONTEIN	WIND
2015	1800	33/0.690	67	33	0.690	N/A	ADENCO	DE AAR 1	WIND
2015	1800	33/0.690	96	33	0.690	N/A	ADENCO	DE AAR 2	WIND
2015	630	11/0.4	1	11	0.4	N/A	BRAND ENGINEERING	KIMBERLEY AIRPORT	SOLAR
2015	630	11/0.4	1	11	0.4	N/A	BRAND ENGINEERING	UPINGTON AIRPORT	SOLAR
2015	NECRT	22/0.4	1	22	0.4	N/A	JUWI SOLAR	PRIESKA	SOLAR
2019	NECRT	100kVA	2	33	0.4	N/A	CONCO	PERDEKRAAL	WIND
2019	NECRT	100kVA	2	33	0.4	N/A	CONCO	KANGNAS	WIND
2019	NECRT	100kVA	2	33	0.4	N/A	CONCO	NXUBA	WIND
2019	NECRT	100kVA	2	33	0.4	N/A	CONCO	GAROB	WIND
2019	NECRT	100kVA	2	33	0.4	N/A	CONCO	KARUSA	WIND
2019	NECRT	100kVA	2	33	0.4	N/A	CONCO	SOETWATER	WIND
2019	NECRT	100kVA	2	33	0.4	N/A	CONCO	OYSTER BAY	WIND





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