

G114-2.5 MW

Boosting production in medium wind sites

The goal to continually reduce the Cost of Energy in the 2.0-3.0 MW market segment is central to Gamesa's product design philosophy and has led the evolution within the 2.0 MW platform with the introduction of the G114-2.5MW wind turbine.

With the offer of a large rotor for medium wind sites, new tower options and a power boost to 2.5 MW, the G114-2.5 MW Class II turbine complements the 2.0 MW product series and promises to become a mainstay of Gamesa's growing product portfolio.

- ▶ PROVEN TECHNOLOGY
- ▶ OVER 14% MORE ENERGY PRODUCTION*
- ▶ 10% NOMINAL REDUCTION IN CoE*
- ▶ **G114-2.625 MW**
ALSO AVAILABLE

* As compared with G114-2.0 MW.



GLOBAL TECHNOLOGY
EVERLASTING ENERGY



NEW G114-2.5 MW

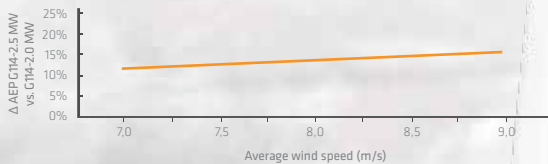
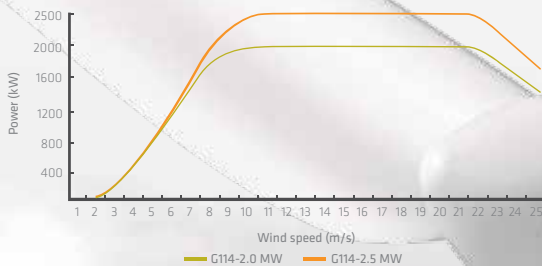
Boosting production in medium wind sites

As part of the evolutionary development process of the Gamesa 2.0 MW platform, the G114-2.5 MW turbine will inherit the technologies, components, and subsystems previously deployed and proven through the reliable operation of 26 GW of Gamesa's high-performing 2.0 MW turbines.

Features of the G114-2.5 MW include:

- ▶ Variable pitch and speed technology for maximum energy capture.
- ▶ Active yaw system for optimum adaptation to complex terrain.
- ▶ Gamesa SMP predictive maintenance system.
- ▶ Gamesa NRS® noise control system to minimize noise emissions.
- ▶ Gamesa WindNet® remote control and monitoring system.

By incorporating technology enhancements, including a new 2.5 MW generator and Gamesa's new 56m reinforced blade, the G114-2.5 MW Class II turbine promises to deliver nearly 30% more energy along with a 10% nominal reduction in Cost of Energy, making it one of the most profitable solutions available in the market today.



SPECIFICATIONS

General Details	G114-2.5 MW	G114-2.625 MW
Rated power	2.5 MW	2.625 MW
Wind class	IIA	IIA
Rotor diameter	114 m	114 m
Swept area	10,207 m ²	10,207 m ²
Power density	244,93 W/m ²	257,18 W/m ²
Control	Pitch and variable speed	Pitch and variable speed
Gearbox	3 stages	3 stages
Generator	Doubly fed	Doubly fed
Frequency	50 Hz / 60 Hz	50 Hz / 60 Hz
Blades		
Length	56 m	56 m
Airfoil	Gamesa	Gamesa
Towers		
Height	68, 80, 93, 125 m and site specific	68, 80, 93, 125 m and site specific



AUSTRALIA
Level 39, 385 Bourke Street
Melbourne VIC 3000

BRAZIL
Eldorado Business Tower
Av. das Nações Unidas, 8.5011 5º andar
Pinheiros, São Paulo - SP
Tel: +55 11 3096 4444

CHILE
Presidente Riesco 5335 - Piso 9
Las Condes - Santiago
Tel: +56 (2) 2714 3872

CHINA
23/F, Tower 1, Beijing Prosper Center No. 5
Guanghua Road, Chaoyang District,
Beijing 100020
Tel: +86 10 5789 0899
Fax: +86 10 5761 1996

EGYPT
3, Rd 218 Degla
11431 Maadi, Cairo
Tel: +20 225 211 048
Fax: +20 225 211 282

FRANCE
97 Allée Borodine - Cedre 3
69800 Saint Priest
Tel: +33 (0) 4 72 79 49 39

GERMANY
Röntgenstraße 28
22335 Hamburg Fuhlsbüttel
Tel: +49 40 537 998 440

GREECE
9 Adrianou str.
11525 Neo Psychiko, Athens
Tel: +30 21067 53300
Fax: +30 21067 53305

HONG KONG
Asia Pacific Oceania
Central Plaza, 35th Floor, 18, Harbour Road
Hong Kong SAR
Tel: +852 2593 1140

INDIA
The Futura IT Park, B-Block, 8th Floor
334, Rajiv Gandhi Salai
Sholinganallur, Chennai - 600 119
Tel: +91 44 3924 2424
sales.india@gamesacorp.com

ITALY
Via Ostiense 131/L
Corpo C1 - 9º piano
00154 Rome
Tel: +39 06 5750531
Fax: +39 06 5754735

JAPAN
TOC Minatomirai Bldg, 10F,
1-1-7 Sakuragi-cho, Naka-ku,
Yokohama-shi, Kanagawa 231-0062
T: +81 80 3465 6861

MEXICO
Torre Mayor
Paseo de la Reforma 505, piso 37
Col. Cuauhtémoc
C.P. 06500, Ciudad de México
Tel: +52 55 5019700

PHILIPPINES
22th Floor, The Enterprise Center Tower I
1226 Ayala Avenue
Makati City Philippines
Tel: +63 917 820 4414

POLAND
Ul. Galaktyczna 30A
80-299 Gdansk
Tel: +48 58 766 62 62
Fax: +48 58 766 62 99
poland.wind@gamesacorp.com

ROMANIA
169A Lalea Floreasca Street,
Building A, 4th Floor, Office no 2069, Sector 1
014459 Bucharest
Tel: +40 318 21 24
Fax: +40 318 60 21 00

SRI LANKA
#51/1, Colombo Road,
Kurana, Katunayake
Tel: +94 31 2235890

SWEDEN, FINLAND, NORWAY
Biblotekstorget 8
171 45 Solna (Sweden)
Tel: +46 (0) 8 510 668 10

THAILAND
Sathorn Square, 98 North Sathorn Road
37/F Sathorn Square
Silom, Bangkok
Bangkok 10500

TURKEY
Astoria, Buyukdere Cad. No. 127, Kule A, Kat 10
Esentepe, Istanbul 34394
Tel: +90 212 340 76 00

UNITED KINGDOM
Braidhurst House
Finch Way, Strathclyde Business Park,
Bellshill ML4 3PE
Tel: +44 1698 572 860

UNITED STATES
1150 Northbrook Drive
Treose, PA 19053
Tel: +1 215 710 3100
Fax: +1 267 790 0453