



Kicking off a new era of low carbon photovoltaic (PV) production

Yingli Green Energy (NYSE: YGE) is one of the world's largest solar PV module manufacturers, distributing its products to over 40 countries and regions worldwide.

“Yingli is committed to transforming cutting-edge technologies into high-performance products and to providing affordable renewable energy for people. While pursuing this target, we have been constantly reducing energy consumption and GHG emissions in production and operation in order to provide GREENER and CLEANER solar electricity for everyone.”

Mr. Liansheng Miao
Chairman and CEO

Yingli Green Energy's Climate Savers commitments:

By end 2015, Yingli Green Energy will:

- reduce greenhouse gas (GHG) emissions intensity per megawatt (MW) of PV module production by 13% from 2010 levels (Scope 1 and 2: direct emissions and indirect emissions from the consumption of electricity and heat);
- reduce GHG emissions from purchased goods and services per MW of PV module production by 7% from 2010 levels (Scope 3 emissions);
- reduce GHG emissions intensity from upstream transportation by 10% from 2010 levels (Scope 3 emissions);
- increase share of renewable electricity in total electricity consumption to at least 4% (and strive to reach 8%).

Increase own consumption of renewable energy

Yingli Green Energy is both a pioneer of renewable energy utilization and a practitioner of solar energy application. Yingli Green Energy has continually increased its use of renewable energy. Currently, Yingli Green Energy operates more than 20 MW of solar systems in its manufacturing campuses to power the production of PV modules. By end 2015, it is expected that at least 4% of the total electricity Yingli Green Energy consumes will come from renewable energy sources. Yingli Green Energy is the first company in China to pledge a renewable electricity target.

Provide clean solar electricity to the world

At end 2012, Yingli Green Energy had already provided nearly 6,000 MW of high-quality PV modules to customers worldwide, powering approximately 800,000 households with green



PV system at the New York Jets Training Facility

Located in Florham Park, New Jersey, this 690 kW PV system was built with over 3,000 Yingli Solar modules. It is the first solar energy system at a NFL team headquarters. The system is designed to generate over 750,000 kWh of electricity for the building every year. The project will reduce CO₂ emissions by 540 metric tons every year, which is equivalent to taking over 100 cars off the road.

electricity every year. Compared with conventional thermal power generation, these modules can reduce approximately 200 million tons of GHG emissions during their 25-year life cycle.

Work with business partners toward sustainability

Yingli Green Energy realizes that the impacts of its operational activities and products are not caused solely by itself; emissions reduction by its upstream and downstream partners is equally important. A significant portion of Yingli Green Energy's emissions are to be found in these upstream and downstream activities (Scope 3). Therefore, Yingli Green Energy will launch a "Green Supplier Action", requiring all its tier 1 suppliers to adopt ambitious energy efficiency and GHG reduction commitments. Meanwhile, energy consumption and emissions levels will become important criteria for Yingli Green Energy when selecting qualified suppliers. One initiative to reduce supply chain emissions will consist of Yingli Green Energy promoting FSC packaging to suppliers, with the aim of reducing GHG emissions due to packaging by 20% by end 2015 from 2010 levels.

Also, in order to reduce the environmental impact of its end-of-life products, Yingli Green Energy became the first Chinese PV company to join the European PV CYCLE Association in 2009, and committed itself to achieving 100% recycling of retired modules.

Lead PV industry's transition to low carbon production

As a world leader in PV module manufacturing, Yingli Green Energy will lead the low carbon transformation of the PV industry. Yingli Green Energy will launch, with the support of WWF, a Global Green Solar PV Manufacturing Standard (Standard). The Standard aims at promoting energy consumption reduction in the PV industry, increasing utilization percentage of renewable energy and reducing GHG emissions. The objective is that by end 2015 the Standard is fully established and by end 2020, 50% of global solar PV producers will have adopted the Standard.