



Major REC Highlights from 2016



- REC celebrated its 20th anniversary having grown from a pioneer in solar to world leader
- New record efficiency of 20.46% achieved for multicrystalline solar cell manufactured at REC – above 20% to be in mass production in 2017
- In Q3 2016, REC officially opened of Herøya ingot plant with Norway's Prime Minister Erna Solberg cutting the ribbon
- REC accelerated the conversion from REC Peak Energy to REC TwinPeak and will be introducing a mono product in 2017
- Successful launch of REC's new 72-cell version of the award-winning REC TwinPeak Series, rated up to 340 Wp
- REC ranked as the #1 most popular brand of modules for homes in California and #2 most popular brand of modules for homes throughout entire U.S.¹
- In US, Q3 2016 completion of 257 MW utility project in California on 1,900 acres of retired agricultural land
- REC has doubled its market share in Germany in 2016 compared to 2015, reaching approximately 13%
- In Q4 2016, REC achieved one of the strongest quarters in sales volume in its history

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Major REC Q4 2016 Highlights



- Q4 2016 was one of the strongest quarters for sales volume in REC history
 - Best quarter ever for REC in EMEA
 - 2nd-best quarter ever for REC in APAC¹
 - 2nd-best quarter ever for REC worldwide
- REC maintains leading rankings:
 - #1 most popular brand of solar panels for homes in California
 - #2 most popular brand of solar panels for homes in entire U.S.
- Strong Q4 2016 helps REC achieve approximately 13% market share in Germany in 2016 (~200 MW shipments in FY 2016)
- Elkem Solar receives funding from Enova for investments to increase the usage of recyclable materials
- Floating PV test site launch in Singapore









REC appointed Mr. Ken Fong as new Regional President for REC Americas



- Mr. Fong will be responsible for REC's business operations in the Americas, which includes the U.S., Canada, and Latin America
- Over 25 years of professional experience in sales, marketing, and business development to REC, including 10 years of solar industry experience
- Prior to REC, held senior roles at SunEdison, SunPower, and SolFocus as well as leading brands from other industries
- Graduated Summa Cum Laude with a B.Sc. degree in Mechanical Engineering from California Polytechnic University and holds an MBA from the Anderson School of Management at UCLA



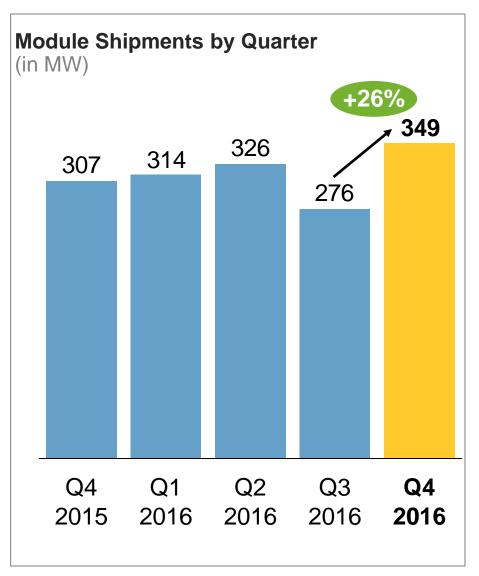


Global Performance – Q4 2016 / FY 2016



Q4 2016 was one of the strongest quarters for sales volume in REC history

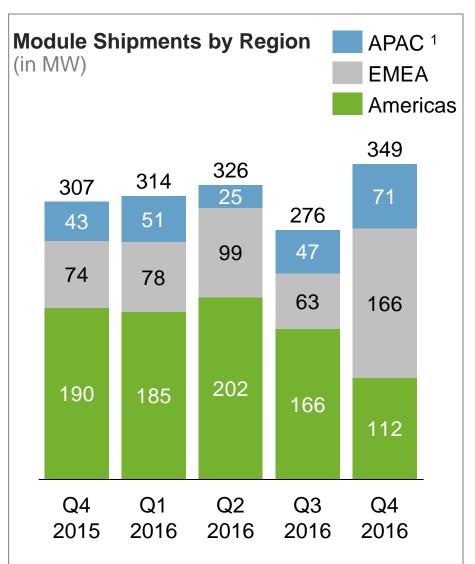




- Q4 2016 module shipments totaled
 349 MW
 - 2nd-highest volume ever for REC in a single quarter
- Quarterly module shipments increased by 26% compared to Q3 2016
- 14% year-over-year increase in total module shipments

EMEA had its best quarter ever, with strong sales in U.S. and APAC





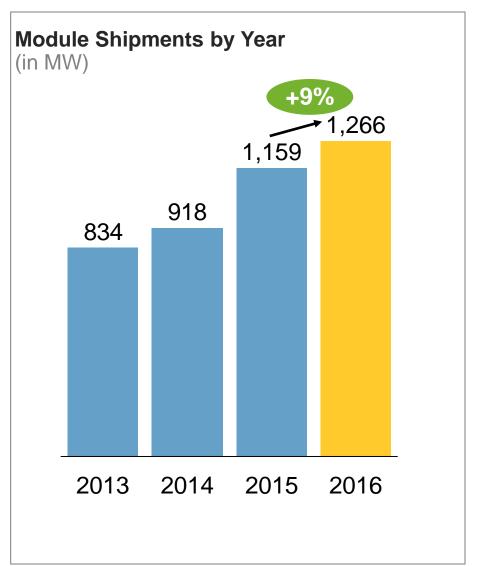
- EMEA accounted for the majority of REC shipments in Q4 2016 with 48%
 - Best quarter ever for REC in EMEA
 - Increase in shipments quarter-overquarter by 163%
- The APAC region performed strong as well, with an increase in shipments quarter-over-quarter by 51%
 - 2nd-best quarter ever for REC in APAC²
- Shipments to the Americas declined by 33% compared to previous quarter

¹ Including Japan; Excluding China

² APAC only (i.e. excluding Japan)

Shipments steadily increase to meet the growing global demand for REC products

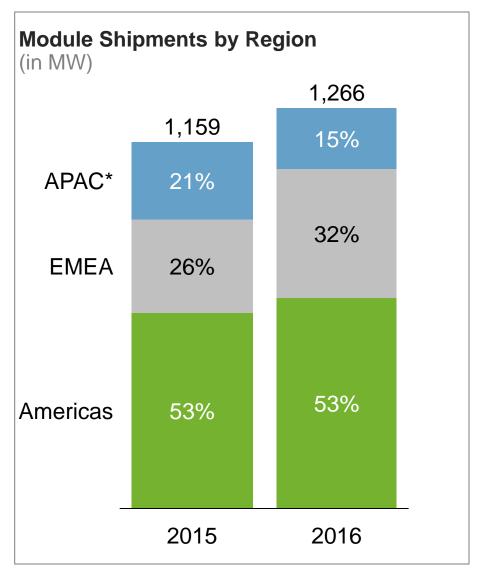




- Continuous growth year-over-year in module shipments
- 9% increase in module shipments vs. 2015
- Full year availability of REC's awardwinning TwinPeak Series with increased volume
- Launch of new 72-cell version of the TwinPeak Series, rated up to 340
 Wp
- R&D focus and technology leadership (multicrystalline solar cells with efficiencies above 20%)
- Continuous focus on quality and customer satisfaction

Americas accounted for 53% of REC's total shipments in 2016 with strong EMEA and APAC sales in 2H'16





- The Americas accounted for over
 50% of REC shipments in 2016
 - Strong representation in residential market with REC's award-winning products for this segment
- EMEA increased its sales proportion with a strong performance in REC's traditional core markets
 - In Germany, REC has doubled its market share in 2016 compared to 2015, reaching approximately 13%
 - Plus, strong demand for REC's products across all market segments
- APAC sales were driven by India, Australia and Japan

^{*} Including Japan; Excluding China



REC Highlights – Q4 2016



Elkem Solar receives funding from Enova



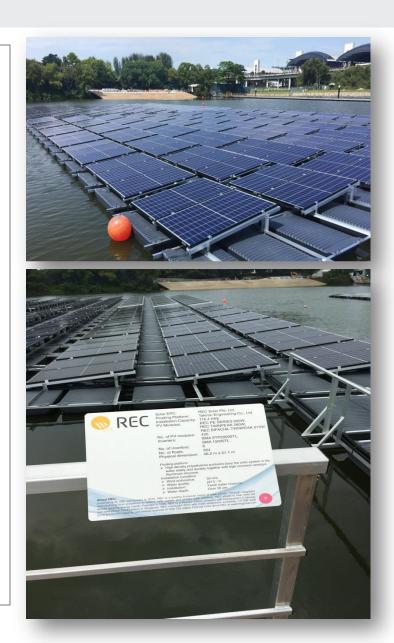
- Elkem Solar has received a funding of 25.6 million NOK from Enova, a Norwegian public enterprise aimed to promote energy efficiency measures
- The funding will be used for restructuring and investments in the production process (i.e. increase the usage of recyclable materials)
- The produced blocks/wafers are based on Elkem Solar Silicon® (ESS®) – a high-purity silicon
- Production of ESS® requires only 25% of the energy consumption and CO₂ emission of polysilicon by the Siemens process – leading to one of the lowest carbon footprints in the industry



Floating PV test site launch in Singapore



- REC is pleased to be participating in a floating PV test site in Singapore
- The test site, officially opened in October 2016, is operated by SERIS (the Solar Energy Research Center of Singapore)
- Key objective of the site is to document the effectiveness of different floating PV solutions and to measure the effect of floating PV structures on the evaporation from the reservoir
- REC uses the opportunity of the site for testing the benefits of bifacial modules on a floating structure
- For its two arrays on the test site, REC is partnering with 1) French company Ciel & Terre and 2) Japanese company Takiron Engineering



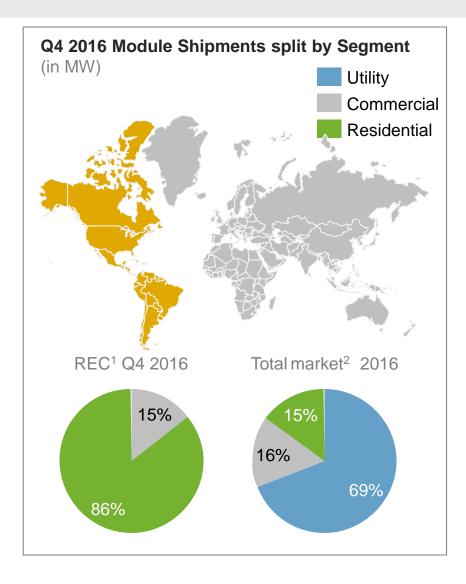


Regional Performance Q4 2016



Americas – REC performance and regional highlights





REC Performance Highlights

- REC ranked as³:
 - #1 most popular brand of modules for homes in California (7th consecutive quarter) and in Colorado
 - #2 most popular brand of modules for homes throughout entire U.S.

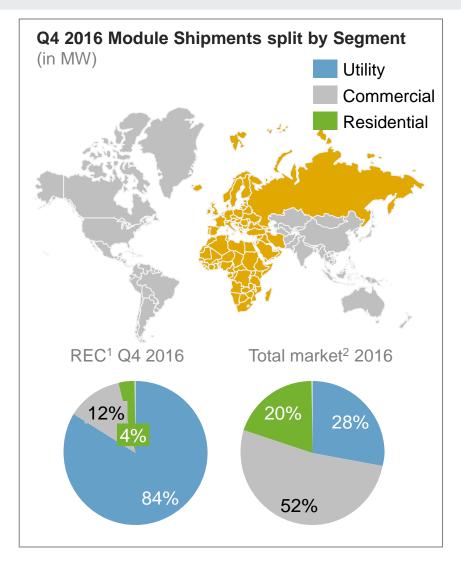
U.S. Market Development Highlights

- US solar market set a new record by nearly doubling its 2015 annual installations to reach ~14.6 GW in 2016
- Commercial PV segment grows in light of rising community solar
- Solar City, the largest residential solar PV installer in the U.S., was acquired by Tesla in an all-stock deal
- U.S. module ASPs continued to decline; relatively equivalent to the global ASP by end of Q4 2016

¹ REC market segment module shipment volume splits are best estimates; 2 Total market estimate; 3 Based on Q1-Q3 2016, published December 2016 Source: REC; GTM Research December 2016; IHS Markit

EMEA – REC performance and regional highlights





REC Performance Highlights

- Best quarter ever for REC in EMEA
- Key markets in Q4 as well as in FY 2016 were
 Germany, UK and the Netherlands, driven by factors such as auctions and expired ROC scheme
- Successful leveraging of partnerships with leading project developers in several countries
- Strong REC brand recognition supports the residential and C&I segments

EMEA Region Development Highlights

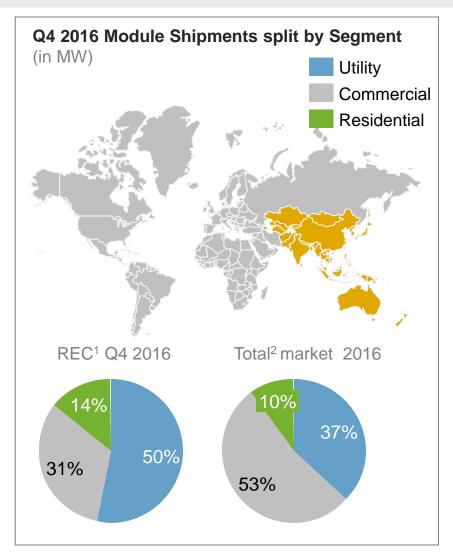
- European Commission presented its "Clean Energy for All Europeans" package – i.e. supporting the rise of prosumers and self-consumption
- Ongoing spread of auction model for renewables (e.g. Poland)
- European Commission has proposed the extension of the trade measures on solar modules and cells imported into the E.U. from Asia for 18 months
- France struggles with slow PV installation rates despite ambitious PV target

Source: REC: IHS Markit

¹ REC market segment module shipment volume splits are best estimates; 2 Total market estimate

APAC – REC performance and regional highlights





REC Performance Highlights

- 2nd best quarter ever for REC in APAC³
- Very strong sales in India and Australia
- REC sees further demand growth for quality products in other markets going forward (e.g. Thailand)
- In Japan, REC enjoys rising distribution sales in C&I segment and growing demand from the utility segment

APAC Region Development Highlights

- Positive demand sentiment across the region (e.g. India and Australia)
- Newly introduced FiT system in Taiwan leading to high market activity
- Delayed implementation of the proposed FiT system in Indonesia and the Philippines is slowing down the expected development in these markets despite the large potential
- In Japan, module replacement projects are activating the module supply business, but the market still suffers from continuous slow grid-connection due to the overcapacity

¹ REC market segment module shipment volume splits are best estimates; 2 Total market estimate (ex. China); 3 referring to only APAC shipments (i.e. excluding Japan) Source: REC; IHS Markit, Bloomberg



Product and Technology Highlights



REC TwinPeak 2 Series launch – new generation of award-winning solar panel rated up to 295 Wp



- REC launched its new REC TwinPeak 2 Series solar panel beginning of 2017
- REC TwinPeak 2 is rated up to 295
 Wp, taking the power output of 60-cell multicrystalline panels to new heights
- The product uses evolving REC TwinPeak technologies
 - Cells from larger wafers (156.75 mm) first for REC products
 - Five busbars first for REC products
 - Half- cut cell technology
 - PERC (Passivated Emitter Rear Cell) technology
 - Split junction box allowing innovative panel design
- REC TwinPeak 2 offers almost immediate benefits to installers, EPCs, investors, and end customers via lower balance of system costs and higher system yield



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I'd put my money on the sun and solar energy. What a source of power! I hope we don't have to wait till oil and coal run out before we tackle that.

Thomas Edison to his friends Henry Ford and Harvey Firestone (1931)





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