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Share Price Data

Company	Currency	Price 29/11/13	Price 08/11/13	Market Cap 19/11/13
ABB Ltd (ADR)	USD	25.55	25.26	58476245150
Acorn Energy Inc	USD	3.82		79063764
Alstom SA	EUR	27.025	28.24	8286762202
BG Group plc	GBX	1248.5	1266.5	42185789489
BHP Billiton Limited (ADR)	USD	68.22	71.86	107792280738
BP plc	GBX	482	477.65	88858817094
Cairn India Limited	INR	320.8	318	612907290725
Chevron Corporation	USD	122.44	121.19	235857937141
ConocoPhillips	USD	72.8	73.69	89456702815
Duke Energy Corp	USD	69.96	72.43	49123019351
E.ON	EUR	14.1	13.39	
Electricite de France SA	EUR	27.4	25.825	50211918882
Enel S.p.A.	EUR	3.348	3.244	30466879345
Energy Transfer Partners LP	USD	54.16	52.68	20391038922
Exxon Mobil Corporation	USD	93.48	92.73	409462685333
First Solar, Inc.	USD	59.82	60.5	5900733186
Gazprom OAO	RUB	142.86	147.46	3247443934419
GDF Suez SA	EUR	17.07	18.645	40627899001
National Grid plc	GBX	775	774	28827968705
Nordic American Tanker Ltd	USD	8.1	8.43	529062526
PetroChina Company Limited (ADR)	USD	119.04	111.18	216220982056
Petroleo Brasileiro Petrobras SA (ADR)	USD	15.94	16.28	93333378271
Royal Dutch Shell Plc	GBX	2048	2055	127819827942
SIEMENS AG SIEMENS ORD SHS	EUR	97.2097	95.329	
Sinopec Shanghai Petrochemical Co. (ADR)	USD	44.24	38.81	3718232207
Tesla Motors Inc	USD	127.28	137.95	15487291149
Vestas Wind Systems A/S	DKK	156.5	162.1	31247360805

Source: Google Finance



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Industry News

- Tax credits for the production of wind power and other renewable energy sources face expiration at year's end amid few signs [the United States] Congress will decide to continue them, tax lobbyists and other analysts say. Failure to extend the 16 tax credits could stymie the development of wind power and the other renewables by undercutting incentives to invest in them, Bloomberg BNA reported.¹
- Essar Energy Plc, an Indian oil and gas producer, rose the most in more than a year in London trading after saying its billionaire owners Ravi and Shashi Ruia plan to sell shares to bolster liquidity. Essar Energy snapped an 11-day losing streak, climbing as much as 9.2 percent, the biggest intraday gain since October 2012. Trading volumes exceeded the three-month daily average by almost 90 percent.²

Innovation and New Product Development

- A new water technology that not only cleans waste water but produces biogas that can be used to generate power as a by-product is being piloted in South Africa. This new technology, known as anaerobic membrane bioreactor technology (AnMBR), is being developed by South African petrochemicals company Sasol and US electrical services firm General Electric. While it has been applied to other waste water streams, Sasol will be the first to do so in a gas-to-liquids (GTL) environment.³



POWER PLANT CONTROLS AND INSTRUMENTATION ASIA 2014

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Kuala Lumpur, Malaysia

¹ From: <http://www.bloomberg.com/news/2013-09-30/credits-to-spur-renewable-energy-sources-seen-set-to-end-taxes.html> retrieved November 18, 2013

² From: <http://www.bloomberg.com/news/2013-11-22/essar-energy-jumps-as-billionaire-owners-plan-share-sale.html>, retrieved November 22, 2013

³ From: <http://www.southafrica.info/business/trends/innovations/sasol-071113.htm#.UoJJMPnD-So> retrieved November 8, 2013



- Elster Solutions today announced the first release of the CallistoUX™ user experience engine. CallistoUX is an application, layered on the EnergyAxis® AMI system to provide virtual integration of multiple applications through a single portal, as well as creation and management of work flows. Using the CallistoUX engine, users who work with multiple software applications during the workday can quickly create more efficient working patterns and improve access to system data that would otherwise be many clicks away.⁴

Electric vehicles

- While defending the Model S as the safest car on the road, Tesla CEO Elon Musk has laid out a plan to ease consumer and investor jitters about the electric cars after three separate fires involving the cars.⁵
- A New Jersey energy company required by an unusual legal settlement to build an extensive network of electric car chargers throughout California has delivered just 10 percent of what it promised in the first year. By fortifying the state's still-spotty charging infrastructure, the settlement between NRG Energy Inc. and California energy regulators was sold as the key to jump-starting enthusiasm for the non-polluting vehicles.⁶

Green Technology

- You don't have to go far inside the headquarters of German battery storage company Younicos, or even its website for that matter, to find out what it is about. "Let the fossils rest in peace," the logo says. Another sign at the company's technology center east of Berlin proclaims: "You are now leaving the CO2-producing sector of the world."⁷
- A green energy firm is to lease solar panels to homeowners — a first for Bermuda. The offer from Alternative Energy Systems (AES) allows domestic users to get six solar panels installed with no upfront cost. AES CEO Tim Madeiros said: "In the past year, we've seen a phenomenal move to solar power in the residential market in Bermuda."⁸

⁴ From: <http://www.elster.com/en/press-releases/2013/1823282#sthash.LV1ox7Sp.dpuf> retrieved November 19, 2013

⁵ From: <http://blogs.marketwatch.com/thetell/2013/11/19/tesla-shares-tumble-in-premarket-after-request-for-federal-probe-of-car-fires/> retrieved November 19, 2013

⁶ From http://www.washingtonpost.com/business/just-10-percent-of-electric-car-charging-stations-calif-promised-in-legal-deal-are-ready/2013/11/21/bd6ccea0-5278-11e3-9ee6-2580086d8254_story.html Retrieved November 21, 2013

⁷ From: <http://www.greentechmedia.com/articles/read/the-battery-storage-system-that-could-close-down-coal-power> retrieved November 22, 2013

⁸ From: <http://www.royalgazette.com/article/20131122/BUSINESS03/131129917>, retrieved November 22, 2013



Political developments

- Colorado unveiled new measures to reduce airborne emissions from oil and natural-gas operations amid worries by state residents that increased drilling would hurt the environment or their health. Gov. John Hickenlooper, a Democrat, unveiled the new rules on Monday, less than two weeks after four communities voted to halt hydraulic fracturing, or fracking. "Natural gas is a crucial part of this country's future, but we need to address the anxieties and concerns of the public," Mr. Hickenlooper said in an interview. "People want clean air and clean water where they live, and that is a legitimate expectation."⁹
- The European Union's proposed fuel-quality directive, designed to reduce greenhouse gas emissions, could hurt prospects for the proposed Keystone XL project, which aims to link Canadian tar sands and refineries on the U.S. Gulf Coast, an official said Tuesday. The directive discourages use of high-emission fuels. It defines such fuels as those that require extra energy to convert into petroleum products like gasoline, diesel and heating oil. Whereas conventional crude oil requires a certain amount of energy to convert it into petroleum products, tar sands must first be heated and blended with natural gas to turn it into conventional crude oil.¹⁰



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⁹ From:

http://online.wsj.com/news/articles/SB20001424052702303755504579206413230149896?mod=WSJ_Energy_2_4_Right retrieved November 19, 2013

¹⁰ From: <http://www.ibtimes.com/how-europes-energy-policy-may-nix-keystone-xl-pipeline-why-europe-doesnt-want-canadian-tar-sands-map>, retrieved November 20, 2013