



*Biomass power plant in Vielle Saint Gironne, France, with kind permission of Aalborg Energie Technik a/s*

# *Biomass-to-Energy Monitor*

## *25 / 2018*

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# 1 Projects

## **Argentina / 18 MW plant to be built in Santa Rosa**

Argentinian Genergiabio Corrientes SA, vehicle company of Spanish independent power producer BAS Corporation and Argentinian paper company Papelera Mediterránea SA, has secured a USD 43.2 million loan from international and local banks to construct a 18 MW biomass plant in Santa Rosa, Corrientes Province. The plant will be fired with sawmill residues. However, further details were not disclosed in the source.

*05.12.2018, [abogados.com.ar](#)*

[Link to source](#)

## **Canada / Converted plant at Dalhousie University inaugurated**

The renewed 1 MWeI CHP plant at Dalhousie University's Agricultural Campus in Halifax, Nova Scotia, has officially been inaugurated. It has been operational since summer 2018 and uses organic rankine cycle (ORC) technology. As reported, the traditional heating plant at the campus was converted to CHP technology for a total investment of USD 26.5 million. It supplies heat to the campus and the electricity is fed into the grid with a feed-in tariff. The plant will consume 20,000 tpy of fuel, with 85% being locally sourced sawmill residues and clean waste wood, while the rest consists of two research fuels.

*28.11.2018, [www.biomassmagazine.com](#)*

[Link to source](#)

## **China / BtE project operates well in Mianzhu**

The Biomass-to-Energy project developed by China Everbright International Limited in Mianzhu City, Sichuan Province, is operating well. The project has an installed capacity of 30 MW, consisting of a 130 tph furnace and a 30 MW generator, entailing a total investment of RMB 320 million. The plant, which processes 380,000 tons of straws annually, started operations in April 2018.

*29.11.2018, [huanbao.bjx.com.cn](#)*

[Link to source](#)

**Cuba / Prolignis and LAWI  
plan biomass CHP plant in  
Cienfuego**

German biomass project developer Prolignis AG and German engineering company LAWI have formed the consortium EnerCu to build a biomass plant in the province Cienfuegos. The plant should be fuelled with bagasse and local plant marabú (a non-domestic type of bush) and entails estimated costs of USD 70 million. Currently, the consortium is looking for investors. Cuba plans to build around 20 new biomass CHP plants next to sugar mills. According to EnerCu, currently existing CHP plants mostly use outdated technology and only run during the 6 months of sugarcane harvesting. As reported, British-Chinese Group Havana Energy and Cuban state-owned Zerus S.A. have developed a 60 MW plant in Ciro Redondo, which is due to start operations by mid-2019.

28.11.2018, *blickpunkt-lateinamerika.de*

[Link to source](#)

**India / Update on planned  
biomass project in Bathinda**

Last week the Punjab State Power Corporation Limited (PSPCL) came one step closer with the realization of a planned set-up of a 60-65 MW paddy-straw-fired biomass plant in Bathinda, Punjab. The Board of Directors of the company have cleared the project proposal. The plant is intended to be located on the site of Guru Nanak Dev Thermal Power (GNDTP). 400,000 tpy of paddy straw shall be used to generate electricity.

23.11.2018, *timesofindia.indiatimes.com*

[Link to source](#)

**Ireland / Calls for wood  
supplies made by Bord na  
Móna**

Irish semi-state-owned energy, waste and fuel company Bord na Móna (BNM) has released calls for competition looking for partnerships with wood suppliers. With the calls BNM asks companies in the wood working sector for indigenous forestry supply and to establish international biomass supply chains. All calls intend to create a qualified supplier system, which the company will use until November 2028. As reported, BNM aims to switch from peat to biomass. The company owns the 120 MWeI Edenderry peat and biomass-fired plant. Moreover, it currently supplies the 153 MWeI West Offaly Power Station and the 100 MWeI Lough Ree facility with peat. Both plants are planned to co-fire biomass by 2020.

28.11.2018, *ted.europa.eu*

[Link to source](#)

**Italy / Nardò biomass project decision repealed**

The 0.5 MW Nardò biomass power project seems to be continuing. The Regional Administrative Court of Lazio accepted an appeal of the company Skywind against the municipality and the Puglia region. In July the request for the construction and operation of the biomass facility had been submitted, but shortly after refused by the authorities due to landscape compatibility issues. According to the court, a lack of investigation in the administrative procedure led to the refusal of the authorization. Therefore the court agreed to repeal the decision of the municipality and the region.

28.11.2018, [www.leccesette.it](http://www.leccesette.it)

[Link to source](#)

**Japan / Kanda biomass plant under construction**

Japanese renewable energy project developer Renova Inc has announced that construction works at the 75 MW biomass project in Kanda, Fukoka, have started. The plant will be fuelled with wood pellets, which will be supplied by Canadian pellet producer Pinnacle, palm kernel shells and unused thinned wood. It is expected to become operational by June 2021. As reported, Renova holds a 43.1% stake in the project, with other investors being Japanese Sumitomo Forestry Co Ltd (41.5%), Veolia Japan KK (10%), Kyuden Mirai Energy Co Inc (5%) and Mihara Group KK (0.4%).

30.11.2018, [renewablesnow.com](http://renewablesnow.com)

[Link to source](#)

**Japan / Shimizu Corp. builds 1.99 MW plant in Tochigi**

Japanese construction corporation Shimizu has held the groundbreaking ceremony for a 1.99 MW biomass plant in Tochigi, Nagano Prefecture, Japan. It will be fuelled with locally sourced unused thinned timber and wood damaged by pine bugs. Investments amount to EUR 23.45 million (JPY 3 billion). The plant is expected to be operational by 2020.

30.11.2018, [www.nikkei.com](http://www.nikkei.com)

[Link to source](#)

**Japan / 49 MW biomass project planned in Uruma**

Japanese utility eREX Co. together with Japanese energy company Kyushu Electric Power, energy services company Kyushu Denki and gas company Okinawa Gas plan to build a 49 MW biomass plant in Uruma City, Okinawa. The electrical equipment will be supplied by Japanese Kyudenko Corp., subsidiary of Kyushu Electric Power. Start of constructions is scheduled for June 2019 and the start of operations is expected by the end of July 2021. The total project cost amounts to EUR 234.9 million (JPY 30 billion).

29.11.2018, [www.yomiuri.co.jp](http://www.yomiuri.co.jp)

[Link to source](#)

**Japan / Toshiba to invest into biomass project in Omuta**

Japan-based international Toshiba Corporation has announced it will invest JPY 20 billion (EUR 155.4 million) into a biomass power plant project in Omuta, Fukuoka prefecture. Toshiba Energy Systems & Solutions Corp's subsidiary Sigma Power Ariake Corporation (SPAC) is responsible for the construction. SPAC will also operate the plant after completion. Construction is estimated to begin in 2018, with operations starting by 2022. Moreover, SPAC owns and operates another plant in Omuta, the 50 MW biomass-fired Mikawa Power Plant. The new plant will be located on an adjacent site. It will comprise two units with capacities of 22,000 kWh annually each.

27.11.2018, [renewablesnow.com](http://renewablesnow.com)

[Link to source](#)

**Japan / First unit of biomass plant in Abashiri operational**

Japanese EPC renewable energy company WIND – SMILE Co., Ltd has announced that it started operations of the first unit of a 22 MW biomass power plant in Abashiri city, Hokkaidō. By November the first 1.9 MW have gone operational, while units 2 and 3 (9.9 MW each) will be commissioned by 2020. Power is supplied to Japanese energy provider Hokkaido Electric Power. German manufacturer INTEC Engineering GmbH developed the technology for all units. The plant is fuelled with palm shells and wood pellets.

27.11.2018, [hre-net.com](http://hre-net.com)

[Link to source](#)

**Norway / Tender for biomass district heating issued in Farsund**

Farsund Municipality and Vest-Agder County have issued a tender to establish a district heating system based on biomass for several buildings in the city center of Farsund, Vest-Agder. For the heating system wood from local forests shall be used as input. The value of the tender is NOK 21 million (EUR 2 million). The contract has a duration of 5 years starting from the start-up date.

23.11.2018, [ted.europa.eu](http://ted.europa.eu)

[Link to source](#)

**Papua New Guinea/ Sugar project plus biomass plant initiated**

A Memorandum of Understanding (MoU) has been signed between authorities of Papua New Guinea and project developers from China and Thailand in order to launch a sugar project in Abau and the central province. The planned project will consist of a biomass power plant, among other facilities. No further details on the capacities of the biomass plant or the exact location of the project were disclosed in the source.

23.11.2018, [postcourier.com.pg](http://postcourier.com.pg)

[Link to source](#)

**Poland / New CHP project in Dzierżoniów**

The Polish National Fund for Environmental Protection and Water Management (NFOŚiGW) has added EUR 1.6 million (PLN 7 million) to European funds of EUR 4.2 million (PLN 18 million) to support the construction of a 4.15 MWe CHP plant in Dzierżoniów, Dolnośląskie, as well as 4 other biomass heating plants. The CHP project is developed by Polish Zakład Energetyki Ciepłej Sp. with a total project cost of EUR 8.4 million (PLN 35.9 million). It will be fired with waste wood and it use organic rankine cycle (ORC) technology to generate electricity. The boiler will have a capacity of 6.05 MWth. The supported heating plants are located in Zambrów (8 MWth), Nowy Sącz (7 MWth), Działdowo (5.1 MWth), and Krosno (7 MWth).

03.12.2018, [gramwzielone.pl](http://gramwzielone.pl)

[Link to source](#)

**Romania / BERTSCHenergy  
to supply 65 MW biomass  
boiler**

Austrian boiler manufacturer BERTSCHenergy has been awarded with the supply of a 65 MW FB biomass boiler in Romania. The biomass facility shall supply power and steam to an ethanol production plant which is located at the site. The production capacity of the ethanol plant shall be 50,000 tpy. However, the exact location of both plants has not been disclosed yet. The biomass plant will use the lignin, which cannot be processed by the ethanol plant, for electricity generation.

14.11.2018, [www.vol.at](http://www.vol.at)

[Link to source](#)

**Spain / Greenalia reactivates  
biomass power project plans**

Spanish forestry and energy company Greenalia intends to reactivate 2 biomass projects in Tineo and Villaviciosa with a planned capacity of 15.4 MW each. Both projects would be fuelled with locally sourced forest residues from the remains of fellings. Greenalia received the administrative authorisation for the projects several years ago. Now the company plans to take part in the next renewable energy tender with the projects and included them in its strategic plan 2019-2023. As reported, Greenalia is currently building a 50 MW biomass plant in Teixeira, Galicia.

03.12.2018, [www.lne.es](http://www.lne.es)

[Link to source](#)

**Switzerland / New biomass  
plant opened at Migros site**

Swiss cooperative company Migros Luzern has commissioned its new biomass CHP plant at its site in Dierikon, Luzern, according to the source. The facility can process around 8,000 tpy of waste wood into electricity and heat. The generated power will meet the company's electricity demand by 20 %. The produced heat is used for hot water, industrial heating as well as heating for the surrounding area (households, industry, trade). Moreover, part of the heat will be used to produce cooling. The investment sum amounts to CHF 10 million (EUR 8.8 million).

26.11.2018, [www.nau.ch](http://www.nau.ch)

[Link to source](#)

**UK / Meriden project receives environmental permit**

The 0.64 MWel Meriden Biomass Energy Plant in Coventry, West Midlands, which is currently under construction, has received an environmental permit from the British Environment Agency. According to the document, the plant has a capacity of 50,400 tpy and will use grade B and C waste wood only as fuel. It is equipped with a fluidised-bed boiler with a gross heat production of 22.97 MW and 2 screw expander turbines that generate 1,1 MWel of electricity. Furthermore, the plant produces 18.7 MWth of heat, which is used in an adjacent waste water treatment plant. As reported, the plant was awarded at a CfD auction with a strike price of 74.75 GBP/MWh (8.2 EURct/kWh) for a capacity of 0.64 MWel in September 2017.

28.11.2018, [assets.publishing.service.gov.uk](https://assets.publishing.service.gov.uk)

[Link to source](#)

**USA / Hawaiian Pepeekeo project faces penalty and possible delay**

The Hawaiian State Department of Health has launched an investigation against Hu Honua Bioenergy LLC, project developer of the 30 MWel Pepeekeo plant, after an unauthorised discharge of industrial wastewater. Civil penalties could amount to up to USD 25,000 per day. Furthermore, Hu Honua announced that the plant's completion could be delayed until 2019 due to weather issues. If the facility is not completed by 31 December 2018, it could lose up to USD 100 million in tax credits.

30.11.2018, [www.bizjournals.com](http://www.bizjournals.com)

[Link to source](#)

## 2 Plants

### **France / Valmet to provide automation services to Dalkia plants**

French energy services company Dalkia, subsidiary of electric utility Électricité de France S.A. (EDF), has selected Finnish technology company Valmet to provide automation services to seven plants operated by Dalkia in France for the next five years. The plants are located in Factice (Biganos, 69 MWel), Rennes (10.4 MWel), Tours (7.5 MWel), Angers (6.9 MWel), Limoges (7.5 MWel), Orléans (7.5 MWel) and Strasbourg (10 MWel). The Factice plant was the first one to be equipped with a Valmet automation system in 2010. However, the value of the agreement was not disclosed.

28.11.2018, [www.valmet.com](http://www.valmet.com)

[Link to source](#)

### **India / PSPCL to revive Jalkheri biomass power station**

Punjab State Power Corporation Limited (PSPCL) has announced that it will revive the 10 MW Jalkheri, Punjab, biomass power plant which has lain idle for 11 years. The basis of revival is to renovate, operate and transfer (ROT). Last week technical bids were opened. Once the lowest bidder is awarded and a lease agreement signed, the plant shall be operational within 27 months after the agreement has been made. The facility will process around 80,000 tpy of paddy straw. The plant was first commissioned in 1992.

26.11.2018, [timesofindia.indiatimes.com](http://timesofindia.indiatimes.com)

[Link to source](#)

### **Poland / Elblag plant recommissioned**

Chinese technology company DP CleanTech has completed the recommissioning period at the 25 MWel Elblag biomass plant. As reported, DP CleanTech exchanged the combustion system and modified the second boiler pass, because the plant has not been performing well after its commissioning in 2014. Now, a 720 h continuous trial run will follow. The plant is fired with straw and wood pellets and is operated by Polish company Energa Kogeneracja Sp.

30.11.2018, [www.dpcleantech.com](http://www.dpcleantech.com)

[Link to source](#)

**UK / Doosan Babcock signs service contract with Drax**

Engineering company Doosan Babcock has signed a contract with British power producer Drax for the maintenance and outage services at the Drax Power Station in Selby. The contract period is 4 years and the deal is worth about EUR 67.5 million (GBP 60 million). It also includes the option to prolong the contract for another 4 years.

*03.12.2018, [www.yorkshirepost.co.uk](http://www.yorkshirepost.co.uk)*

[Link to source](#)

**UK / Drax starts carbon capture pilot project**

British power producer Drax has started commissioning of its Bioenergy Carbon Capture and Storage (BECCS) pilot plant at its Drax Power Station in Selby, England. It is expected to be able to capture a ton of carbon dioxide per day from biomass combustion over a period of 6 months. As reported, the project is realised under a partnership with C-Capture, a spin-out from the University of Leeds. Drax has invested EUR 455,061 (GBP 400,000) in the project.

*26.11.2018, [www.drax.com](http://www.drax.com)*

[Link to source](#)

**USA / Novo Power proposed to move 50 MW plant to Arizona**

Arizona-based power producer Novo Power has proposed to buy a 50 MW power plant currently located in Texas and move it to Arizona. As reported, utility Arizona Public Service Co (APS) has released a request for proposals (RFP) for projects that use biomass from high-risk forest lands in Northern Arizona in May 2018. Novo Power presented its plans to the 4FRI Stakeholder Group, which has the goal to restore Arizona's forests and reduce the threat of wildfires. However, as Novo Power was the only respondent to the proposal, APS considers to scrap the project. Novo Power already operates a 28 MW wood-fired plant in Snowflake, Arizona.

*04.12.2018, [www.wmicentral.com](http://www.wmicentral.com)*

[Link to source](#)

## 3 Pellets, Pulp, Sugar & Co

### **Canada / AEG to build pellet plant in Hawke's Bay**

Timberlands International, subsidiary of UK-based biofuel and forestry company Active Energy Group (AEG), has received two 5-year permits to harvest 100,000 m<sup>3</sup> annually on the Great Northern Peninsula, Newfoundland, and will therefore build a new pellet plant in Hawke's Bay, Newfoundland. The plant will have a capacity of up to 65,000 tpy of AEG's biofuel CoalSwitch, which will be exported to Poland. Project costs amount to EUR 13 million (CAD 19.7 million).

30.11.2018, [www.canadianbiomassmagazine.ca](http://www.canadianbiomassmagazine.ca)

[Link to source](#)

### **Canada / Pinnacle starts pellet production in Smithers**

Canadian pellet producer Pinnacle has started pellet production at its new facility in Smithers, British Columbia. The company expects to reach the full production rate of 125,000 tpy by the third quarter of 2019. As reported, Pinnacle owns 70% of the facility, while West Fraser Timber Co. Ltd. holds a share of 30%. West Fraser will supply most of the feedstock, which is mostly sawdust and shavings.

27.11.2018, [pinnaclepellet.com](http://pinnaclepellet.com)

[Link to source](#)

### **Estonia / Baltania and Pöyry sign deal to build pellet plant in Vägari**

Estonian bioenergy producer Baltania OÜ has entered a contract with Finnish engineering company Pöyry for a new torrefied-pellet plant project in Vägari, Jõgeva County. Pöyry will be responsible for the Engineering, Procurement and Construction Management (EPCM) of the project. The plant is expected to be completed by the first quarter of 2020. Once operational, it shall produce 157,000 tpy of torrefied pellets processed from biomass from forestry wastes and by-products of the wood processing industry. The plant will use a CEG torrefaction reactor. CEG is an engineering company specializing in torrefaction.

21.11.2018, [www.poyry.com](http://www.poyry.com)

[Link to source](#)

**Germany / Pellet producer  
Eko Energy files for  
insolvency**

German pellet company Eko Energy GmbH has filed for insolvency. The company was operating a 120,000 tpy pellet plant in Rothenburg, Bavaria. As reported, a fire at the plant caused damage at the wood dryer systems in August 2018. However, the plant did not run at full capacity. Ekoinvest Ltd., former Cyprian owner of Eko Energy, has filed a lawsuit against the director of Eko Energy, Peter Leibold, for breach of trust. Peter Leibold also was the former director of the now insolvent German Pellets Group.

03.12.2018, [www.euwid-energie.de](http://www.euwid-energie.de)

[Link to source](#)

**Global / Pellet production  
rose by 11 % in 2017**

According to the „European Bioenergy Outlook 2018“ published by the associations Bioenergy Europe and European Pellet Council, global pellet production rose by 11 % compared to the year before to around 32 million tons in 2017. Global pellet consumption amounted to around 31 million, an increase of 13 %. The European share of the global productivity increase was 44 %. Within the EU pellet production rose by 6 % to 15.3 million tpy. Within the remaining European countries the increase amounted to 20 %, that is 3.1 million tpy.

26.11.2018, [www.euwid-energie.de](http://www.euwid-energie.de)

[Link to source](#)

**Russia / Lesosibirsk pellet  
plant soon to be launched**

In December the new pellet plant JSC Lesosibirsky LDK No. 1 in Lesosibirsk, Krasnoyarsk Territory, will be launched. As reported, OOO Xylotek-Siberia, subsidiary of Russian timber holding company Segezha Group, has been responsible for the project. Trial operations have been carried out throughout November under the supervision of Estonian technology company Hekotek, which supplied the equipment. The facility is located at the site of Russian tree processing company JSC Lesosibirskiy LDK No.1 and will use the sawmill dust and wood chips.

26.11.2018, [www.infobio.ru](http://www.infobio.ru)

[Link to source](#)

**Russia / New pellet project  
launched in Lesosibirsk**

Another pellet producer will launch its facility in Lesosibirsk, Krasnoyarsk Territory, soon. Russian PKF Energia will start operations of its 1,200 tpm plant in December. The facility will process wood chips and saw dust from the mill located at the site. The pellets will be sold at the international as well as domestic market.

26.11.2018, [www.infobio.ru](http://www.infobio.ru)

[Link to source](#)

**Singapore / TTJ intends to set  
up pellet production**

TTJ Greenfuel, subsidiary of Singaporean construction company TTJ Holdings Ltd., acquired a wood recycling property including machinery from Singaporean recycling company Biofuel Industries Ltd. for EUR 10.8 million (SGD 16.8 million). TTJ intends to extend the existing production line, which converts waste wood into wood chips, into a waste-wood-to-pellets facility. The pellets shall then meet the growing demand in South Korea and Japan. The deal has yet to be approved by the boards of both companies.

28.11.2018, [www.businesstimes.com.sg](http://www.businesstimes.com.sg)

[Link to source](#)

## 4 Company News

### **UK / Babcock & Wilcox may be delisted from NYSE**

US-based plant manufacturer Babcock & Wilcox (B&W) has received a notification from the New York Stock Exchange (NYSE) that its 30-day average common stock price has fallen below its listing criteria. As of 29 November 2018, the stock price was USD 0.96. B&W now has a period of 6 months to bring the price back above USD 1, otherwise the company would be removed from the NYSE. B&W stated that it intends to cure the deficiency. As reported, B&W has issues with delays in the construction of several projects, including the Port Clarence, Port Talbot and the Rotherham biomass plants (all 40 MWe).

30.11.2018, [www.babcock.com](http://www.babcock.com)

[Link to source](#)

## 5 Policy & Others

### **Bosnia and Herzegovina / EBRD calls for Eols for biomass feasibility study**

The European Bank for Reconstruction and Development (EBRD) has called for expressions of interest (Eoi) for carrying out a feasibility study for a biomass-fired district heating project in Zavidovici. The project consist of the rehabilitation of a closed solid waste landfill, a waste sorting plant, water distribution improvements and the biomass boiler. Estimated total project costs amount to EUR 8.1 million, with EUR 2 million being earmarked for the district heating plant. Deadline for the submission of Eols is 7 December 2018. The project will be co-financed by the Austrian DRIVE fund.

*04.12.2018, renewablesnow.com*

[Link to source](#)

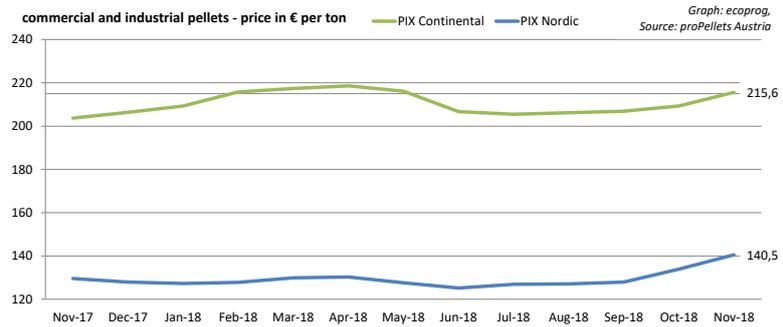
### **EU / ENplus scheme to be revised**

The ENplus certification scheme for wood pellets will be revised. The European Pellet Council (EPC), part of the European Biomass Association, has issued a call for applications for representatives of certification bodies, certified companies and end-users that are willing to participate in an Advisory Committee. Furthermore, a public consultation will be held in May and June 2019. The new procedures and requirements of the ENplus scheme are expected to enter into force by the end of 2019. According to the EPC, ENplus certifies 10 million metric tons of pellets in 45 countries.

*04.12.2018, www.biomassmagazine.com*

[Link to source](#)

## Europe / November pellet market figures for Europe



The PIX Nordic Index mainly focuses on industrial pellets used in the Nordic and Baltic region (PIX Nordic) and amounted to an average of 140.5 EUR/t in November 2018. The PIX Continental Price Index focuses on pellets used in small power plants and commercial applications (hotels, greenhouses) in Germany and Austria and therefore generally features higher prices per ton; in November 2018, the average price amounted to 215.6 EUR/t.

07.12.2018, [www.propellets.at](http://www.propellets.at)

[Link to source](#)

## Germany / Bundestag passes new energy collection law

The German parliament (Bundestag) has approved the energy collection law (Energiesammelgesetz). From 2019 onwards, two biomass tenders will be held per year, namely on 1 April and 1 November. The demand of German biomass associations to equalise the ceiling prices for new and existing facilities in the tenders is not included in the law. Furthermore, subsidies for CHP plants under the Combined Heat and Power Act (KWKG) were prolonged until 2025.

30.11.2018, [www.euwid-energie.de](http://www.euwid-energie.de)

[Link to source](#)

**Philippines / Hearing for FIT rates in January 2019**

The Philippine Energy Regulatory Commission (ERC) has scheduled the hearing for the proposed feed-in tariff rates for biomass and run-of-river hydro-electric biomass projects for 11 January 2019. As reported, the biomass FIT scheme has been extended by 2 years until 31 December 2019. The National Renewable Energy Board (NREB) proposed to keep the current rate of EURct/kWh 11 (PHP/kWh 6.597) for biomass plants. Currently, 111.39 MW are remaining until the FIT installation target for biomass of 250 MW is reached.

03.12.2018, [www.bworldonline.com](http://www.bworldonline.com)

[Link to source](#)

**Poland / ERO publishes results of RES auctions**

The Polish Energy Regulatory Office has published the results of the RES auctions for new installations. Biomass was part of the auctions, but only one biomass power plant project was awarded. The awarded project was Eneris's planned 8.5 MWe1 plant in Siemiatycze, Podlaskie, which shall become operational in 2019. The price of the winning offer was below PLN 400/MWh (EUR 93/MWh) . Additionally to the mentioned biomass project, other projects from other auction baskets, especially wind, solar and biogas projects, have won. In the auction basket including new biomass installations below 1 MWe1 the number of bidders was too small. As a consequence, there were no awardings in this basket. The source does not provide information on the number of bidders in the various auction baskets.

21.11.2018, [magazynbiomasa.pl](http://magazynbiomasa.pl)

[Link to source](#)

## General Information

The *Biomass-to-Energy Monitor* is compiled and issued by ecoprolog GmbH. If you have any queries, suggestions or proposals, please feel free to contact us at any time.

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