Polenergia S.A.	
DIRECTORS' REPORT	
ON THE OPERATIONS OF POLENERGIA S.A.	
FOR THE YEAR ENDED	
DECEMBER 31ST 2016	
Jacek Głowacki	Bartłomiej Dujczyński
<ul> <li>Vice President of the Management Board</li> </ul>	– Member of the Management Board

Warsaw, February 16th 2017

Michal Michalski – Member of the Management Board



## **Table of contents**

1.	Statement of profit or loss of Polenergia S.A. for the 12 months ended December 31st 20164
2.	Legal environment
3.	The Group's organisational structure5
4.	Discussion of key financial and economic data contained in the full-year financial statements, in particular factors and events, including non-recurring ones, with a material effect on the Company's operations and profits earned or losses incurred in the financial year; discussion of development prospects in a period covering at leas the next financial year
5.	Structure of assets, equity and liabilities in the statement of financial position, including its effect on the Company's liquidity8
6.	Description of material risk factors and threats, including information on the degree of the Company's exposure to such risks or threats9
7.	Statement of compliance with corporate governance rules
8.	Proceedings pending before common courts of law, arbitration courts or public administration authorities30
9.	Key products, merchandise and services, their values and volumes, and the respective shares of individual products, merchandise and services (where relevant) or their groups in the Group's total revenue, as well as the changes of the above in the financial year
10.	Information on the Company's markets, broken down into domestic and foreign markets, on the Company's supply sources for production materials, goods and services, including information on dependence, if any, on any single customer or supplier, or a group of customers or suppliers, and where the share of a single customer or supplier in total revenue equals or exceeds 10% of total revenue – the name of such supplier or customer, its share in total sales or purchases, and its formal links with the Company
11.	Agreements significant for the issuer's business, including agreements between shareholders (partners), insurance contracts, collaboration or cooperation agreements, of which the issuer is aware31
12.	Issuer's organisational or equity links with other entities and main domestic and foreign investments (securities, financial instruments, intangible assets and property), including equity investments outside the group of related entities, and a description of the methods of financing thereof, and structure of main equity deposits or major investments within the Group in the financial year
13.	Significant transactions concluded by the issuer or the issuer's subsidiaries with related parties on non-arms' length terms, including the amounts and other details of such transactions - the obligation is deemed fulfilled by referring to the part of the financial statements in which such information is provided
14.	Bank and other borrowing agreements concluded and terminated in the financial year, including at least the amounts, types, interest rates, currencies and maturity dates of the borrowings
15.	Loans granted in the financial year, in particular loans granted to the issuer's related entities, including at least the amounts, types, interest rates, currencies and maturity dates of the loans
16.	Sureties and guarantees issued and obtained in the financial year, including without limitation sureties and guarantees issued for the benefit of the issuer's related entities32
17.	For issues of securities in the period covered by the report – description of the issue proceeds use until the date of preparation of the report on operations
18.	Description of differences between the financial performance presented in the annual report and the financial forecasts for the year, published earlier (PLNm)32
19.	Assessment (and grounds for the assessment) of financial resources management, including in particular an assessment of the ability to repay liabilities, as well as an identification of threats, if any, and measures used or intended to be used to mitigate such threats
20.	Evaluation of feasibility of investment plans, including equity investments, in the context of available funds, taking into consideration possible changes in the investment financing structure32
21.	Assessment of factors and non-recurring events with a bearing on results for the financial year, along with the extent to which such factors or non-recurring events affected the results, and an overview of events which had a material effect on the issuer's operations and results in the financial year or which may have a material effect on the issuer's operations in future years
22.	Overview of external and internal factors significant to the development of the issuer's business and description of the development prospects until at least the end of the financial year following the financial year for which the financial statements included in the annual report have been prepared, taking into consideration the issuer's market strategy, and an overview of the development policy of the issuer's group
23.	Changes in basic management rules of the issuer and its group33
24.	Agreements concluded between the issuer and its management staff, providing for compensation in the event of resignation or removal from office without a good reason, or when resignation or removal from office is caused by acquisition of the issuer by another company34
25.	Value of remuneration, bonuses or benefits, including those under incentive or bonus schemes based on the issuer's equity, including schemes based on bonds with pre-emptive rights, convertible bonds, subscription



	warrants (in cash, in kind or in any other form), paid, payable or potentially payable, separately for each mem of the issuer's management and supervisory body, recognised as costs or resulting from distribution of profit the issuer is the parent, shareholder in a jointly-controlled entity or significant investor – separately, informat on the value of remuneration and bonuses received for the performance of functions in the governing bodies subsidiaries; if relevant information is presented in the financial statements – the obligation is deemed fulfille by referring to the part of the financial statements in which such information is provided	it; if tion of ed
26.	Total number and nominal value of all shares of the issuer and shares in the issuer's related entities, held by members of the issuer's management and supervisory bodies (separately for each person)	
27.	Agreements known to the issuer (including those concluded after the end of the reporting period) which may result in changes in the proportions of shares held by the current shareholders and bondholders	
28.	Employee stock ownership plan control system	34
29.	Information on:	35
30.	Material off-balance-sheet items by entity, type and value	35



## 1. Statement of profit or loss of Polenergia S.A. for the 12 months ended December 31st 2016

	Polenergia S.A.'s performance (PLN '000)	12M 2016	12M 2015	Change y/y
	Revenue	23,738	31,997	(8,259)
	Cost of sales	(19,842)	(28,039)	8,197
	Gross profit	3,896	3,958	(62)
	Other income	3,807	1297	2,510
	Administrative expenses	(8,437)	(13,350)	4,913
	Other expenses	(12,584)	(597)	(11,987)
Α	Operating profit (EBIT)	(13,318)	(8,692)	(4,626)
	Amortisation/depreciation	1,344	1,707	(363)
	Impairment losses	11,392	-	11,392
	EBITDA	(582)	(6,985)	6,403
	Finance income	39,505	10,137	29,368
В	including dividends	30,240	2,699	27,541
	Finance costs	(113,474)	(6,618)	(106,856)
A+B+C	: Profit (loss) before tax	(87,287)	(5,173)	(82,114)
	Income tax	2,254	719	1,535
	Net profit (loss)	(85,033)	(4,454)	(80,579)

Lower revenue in 2016 followed primarily from a reduction in operating expenses, which translated into lower sales of services (allocation to companies).

In 2016, operating expenses, comprising cost of sales and administrative expenses, were down PLN 13.1m year on year, of which PLN 8.2m were costs allocated to companies (cost of sales). The higher cost in 2015 was partially attributable to gross loss related to wind farm development costs of PLN 5.5m (not applicable in 2016).

Other income and expenses in 2016 were related to sale of the Zakrzów CHP Plant project and impairment losses (including on receivables from sale of the Klukowo/Samborsko Wind Farm under development).

The Company's EBITDA improved by PLN 6.4m, which was mainly due to gross loss related to wind farm development costs recognised in 2015.

In 2016, the Company also implemented an extensive cost savings programme, involving such measures as workforce reduction, leading to a PLN 4.2m decrease in salaries and wages (or PLN 7.8m excluding one-off severance benefits). Given the nature of the Company's business (services to subsidiaries), a reduction in costs translates into lower revenue from services to related entities, which is positive for the Group as a whole as it reduces operating expenses of portfolio companies.

At the level of other expenses, performance was affected by impairment losses on receivables and projects totalling PLN 11.4m, comprising receivables due for the Klukowo/Samborsko Wind Farm (PLN 9.7m) and capitalised development work on the Niekarzyn Wind Farm (PLN 1.7m).

Finance income reached PLN 39.5m, a marked improvement due chiefly to higher dividends received from subsidiaries.

On the other hand, the Company's finance costs were increased by impairment losses on financial assets including interests in wind farms in operation and projects under development, in connection with the entry into force of the new Act on Wind Farm Projects and a drop in green certificate prices.

A higher deferred tax asset in 2016 was due to lower profit before tax (excluding impairment losses and dividends).

As a combined effect of these developments, the Company posted a net loss of PLN 85m for the 12 months ended December 31st 2016.



## 2. Legal environment

For details on legislative acts that are relevant to Polenergia S.A.'s business, see 'Description of material risk factors and threats'.

## 3. The Group's organisational structure

For the Group's organisational structure, refer to Note 8 to the consolidated financial statements.

Moreover, 2016 saw a merger under Art. 492.1.1 of the Commercial Companies Code between Neutron Sp. z o.o. ('acquired company'), Grupa PEP Finansowanie Sp. z o.o. ('acquired company'), Grupa PEP Uprawy Energetyczne Sp. z o.o. ('acquired company') and Polenergia S.A. ('acquiring company') by way of transfer of all the assets and obligations of the acquired companies to Polenergia S.A. (merger through acquisition). The merger of the companies was effected pursuant to a resolution of the Extraordinary General Meeting of November 30th 2016. The date of the merger was assumed to be December 29th 2016, i.e. the day when the merger was entered in the National Court Register relevant for the acquiring company.

Neutron Sp. z o.o. was a holding company, not pursuing any business activities but holding shares in Polenergia Group companies. Neutron Sp. z o.o. was a subsidiary of Polenergia Holding S.à r.l. and, following a transaction made in Q3 2014, became a subsidiary of the Polenergia Group.

In connection with the merger between Polenergia S.A. and Neutron Sp. z o.o., Polenergia S.A. came to hold shares in the following companies:

- 100% of shares in Polenergia Elektrociepłownia Nowa Sarzyna Sp. z o.o.;
- 100% of shares in Polenergia Kogeneracja Sp. z o.o.;
- 100% of shares in Elektrownia Północ Sp. z o.o.;
- 100% of shares in Polenergia Dystrybucja Sp. z o.o.;
- 100% of shares in Polenergia Obrót S.A;
- 100% of shares in Polenergia Bałtyk I S.A;
- 100% of shares in Polenergia Bałtyk II Sp. z o.o.;
- 100% of shares in Polenergia Bałtyk III Sp. z o.o.;
- 100% of shares in PPG Pipeline Projektgesselschaft mbH;
- 100% of shares in PPG Polska Sp. z o.o.;
- 100% of shares in Certyfikaty Sp. z o.o.;
- 20% of shares in GEO Kletnia Sp. z o.o.



4. Discussion of key financial and economic data contained in the full-year financial statements, in particular factors and events, including non-recurring ones, with a material effect on the Company's operations and profits earned or losses incurred in the financial year; discussion of development prospects in a period covering at least the next financial year

The Company's separate financial statements do not give a full picture of the Group's operations. In the Company's separate financial statements, the effect of intra-Group transactions is not excluded. Therefore, an analysis of key financials and economic data included in the separate financial statements is not sufficient to inform reliable conclusions as to the entire Group. A detailed analysis of financial and economic data reflecting actual performance of the Group is included in the Directors' Report on the Group's Operations.

Key economic and financial data concerning the Company's performance:

Key economic and financial data [PLNm]	Jan 1-	Jan 1-Dec 31		
Rey economic and imancial data [PLNIII]	2016	2015	Change	
Revenue	23.7	32.0	-8.3	
EBITDA	-0.6	-7.0	6.4	
Net profit	-85.0	-4.5	-80.5	

In comparison with 2015, performance in the year ended December 31st 2016 was driven by the following factors:

- a) At the EBITDA level (up PLN 6.4m year on year):
  - Gross loss related to wind farm development costs being charged to 2015 EBITDA,
  - Significant cost reductions on the back of the cost savings programme (at separate level seen only partially, as most costs are re-billed to subsidiaries).
- b) At the net profit level (down PLN 80.5m year on year):
  - Effect of EBITDA (up PLN 6.4m year on year),
  - Lower depreciation and amortisation (down PLN 0.4m),
  - Higher dividends received from subsidiaries (up PLN 27.5m),
  - Lower interest income and income from sureties and guarantees (intra-Group only, down PLN 0.9m),
  - Costs of receivables and inventories written off (PLN 11.4m),
  - Lower finance costs related to impairment losses on shares (down PLN 106.9m). For details on impairment losses, see Note 37 to the financial statements,
  - Higher finance income attributable chiefly to sale of shares in the Zakrzów CHP Plant (PLN 3m),
  - Positive effect of corporate income tax (up PLN 1.5m).



#### **GROWTH PROSPECTS**

#### **DEVELOPMENT AND IMPLEMENTATION**

#### Onshore wind farms

At present, the Company's portfolio includes projects with an aggregate capacity of approximately 267 MW which are in the final phase of development and for which building permits have been obtained. Work is under way to prepare these projects for the auction process (pre-qualification).

As regards the portfolio of projects in an early development phase (with a capacity of approximately 410 MW), in connection with the Act on Wind Farm Projects coming into force, a decision was made to decelerate the development work. Provisions of the Act regulating the minimum distance between wind farms and residential buildings make it impossible to complete their development and obtain building permits. Therefore, development of these projects has been halted, and spending on their maintenance has been cut to the necessary minimum in case the lawmakers change their standpoint.

On the other hand – in connection with the Act on Wind Farm Projects – in 2016 the Group recognised approximately PLN 44.9m in impairment losses on the portfolio assets. Moreover, in connection with the Act coming into force, the Company wrote off receivables from a trading partner (PLN 9.7m), representing the last instalment of the sale price for a project in the case of which – given the Act's entry into force – the payment condition cannot be fulfilled.

The impairment losses were non-cash charges, disclosed in the Company's consolidated financial statements under other expenses. In line with the adopted definition, they are charged against the Group's operating profit but do not affect its EBITDA.

#### Development of offshore wind farms

The Group plans to construct two offshore wind farms on the Baltic Sea (Baltyk Środkowy II and Baltyk Środkowy III) with an aggregate capacity of up to 1,200 MWe, including 600 MWe by 2022 and 600 MWe by 2026.

In July 2016, an environmental permit was issued by the Regional Director for Environmental Protection in Gdańsk with respect to the Bałtyk Środkowy III project. The permit is final. The Bałtyk Środkowy II project is currently awaiting an environmental permit.

The offshore wind farm project is of a long-term nature: the first wind farm is planned to be placed in service in 2022. The Group assumes that offshore wind farm projects will be implemented with a partner that will acquire a 50%–100% interest in the project after all necessary approvals and permits are secured (i.e. when the project is ready for construction).

#### Construction of the Bernau-Szczecin gas pipeline

On October 10th 2016, a decision was made not to have the subsidiary PPG Pipeline Projektgesellschaft mbH ('PPG') exercise the option to buy all the shares in Inwestycyjna Spółka Energetyczna – IRB Sp. z o.o. ('IRB'). Through its subsidiaries ('Project Companies'), IRB holds the right to construct a gas pipeline with a total length of approximately 150 km (of which 118 km in Germany) and a capacity of 5 billion cubic metres/year, connecting the Polish and German gas systems ('Project').

The decision resulted from failure to agree the terms of the Project implementation in Poland, which was a condition necessary to buy IRB. Also, the Project was not included in Gaz-System's investment plan until 2022.

As a result, on October 10th 2016, the Company's Management Board decided to recognise an impairment loss on assets connected with the Project. The impairment loss was a non-cash charge. Its effect on net profit or loss of PLN 41.5m was reflected in the Company's consolidated financial statements for Q3 2016. In line with the adopted definition, the impairment loss does not affect EBITDA.



## Development of the Elektrownia Północ Power Plant project

The Group is developing a hard-coal fired power plant in northern Poland. Ultimately, the Elektrownia Północ Power Plant project will comprise two 800 MWe power generating units.

The Group is planning to sell the project or, if that proves impossible, to discontinue its development.

#### Biomass-fired power plant

As regards the development of energy generation outsourcing and generation of energy from biomass, the Group is working on a project providing for the construction and operation of a 31 MW biomass-fired power plant connected to the power grid. In the previous quarter, a final building permit was issued for the project. Also, the preparation of planning consent documents was commissioned for a power evacuation line.

# 5. Structure of assets, equity and liabilities in the statement of financial position, including its effect on the Company's liquidity

	Item	Description	Value
1	Return on equity – ROE	Net profit/loss	
		Average annual equity	-6.8%
2	Net margin	Net profit/loss	
		Revenue	-358.2%
3	Liquidity - Liquidity ratio I (current ratio)	Total current assets	
		Current liabilities	11.2
4	Average collection period (days)	average annual trade	
•	e.age concentpensa (aaye)	receivables x 365 days	422 days
		revenue from sale of finished goods and merchandise	
5	Debt to assets	(total equity and liabilities - equity)	6.7%
		total assets	0.7 /6

The decline in net margin follows from the Company's recognition of impairment losses on shares.

The long average collection period of 422 days is attributable to the fact that development companies from the Group are billed once a year, which results in a high level of receivables at the end of a calendar year.



## 6. Description of material risk factors and threats, including information on the degree of the Company's exposure to such risks or threats

## Risk factors related to the Polenergia Group's business environment

#### Competition risk

Given the current legal environment resulting in a steady increase in demand for energy from RES and the implementation of an auction system for new and existing RES capacities, competition in this market segment is expected to intensify. As part of its business, the Polenergia Group operates wind farms and currently has new projects under development.

The location of a RES project is extremely important for its future profitability. This is why in recent years the Group has invested in the project portfolio and in strengthening its in-house wind project development team.

With respect to the production of pellets and generation of electricity from biomass, the Group may be forced to compete with other entities for the raw agricultural and forestry materials used in these operations. As the supply of agricultural and forestry raw materials is limited, an increase in their prices or a shortage of supply cannot be ruled out. The turmoil on biomass markets associated with the implementation of the new RES bill and regulations may also adversely affect the profitability of processing biomass for the purpose of pellet production and thus reduce its supply. Moreover, the Group's pellets will have to be made from biomass sourced locally (to meet the criteria laid down in the new regulations), which may limit the territory from which the Company will be able to source the raw material. Additionally, they will have to compete with other types of local biomass, including agricultural biomass sourced from the so-called 'close' import markets.

As regards electricity and natural gas sales, the Polenergia Group is exposed to the risk of losing business to competitors which, by operation of law, have access to power and gas infrastructure on the TPA basis. This results in stronger competition among suppliers of electricity and natural gas to end users.

## Risk related to the economic situation in Poland

The achievement of the Polenergia Group's strategic goals and financial performance of the Group are subject to macroeconomic factors, which remain beyond the control of the Group companies. These factors include the GDP level, inflation rate, general economic conditions in Poland, and legislative changes. Any unfavourable changes in macroeconomic variables or legal regulations may contribute to lower than expected revenue of the Polenergia Group or higher costs of operations.

#### Risk of foreign exchange rate movements

As at the date of this report, the Group was not party to any significant sale contracts providing for payments in the euro.

The Group's currency risk involves primarily the risk of changes in the euro exchange rate with respect to its short currency position under investment commitments and an investment credit facility for the Puck Wind Farm.

Moreover, Polenergia Obrót is exposed to currency risk on account of its electricity trading on foreign markets and participation in the CO<sub>2</sub> emission allowance market. The company's exposure to currency risk is largely mitigated by means of natural hedging, as revenue and corresponding costs of purchase, as well as receivables and liabilities, are all generated in foreign currencies. Risk management at Polenergia Obrót is governed by its 'Risk Management Policy', in accordance with the rules prescribed by that document.

Companies of the Polenergia Group do not hedge against non-monetary differences resulting from the fair value measurement of their non-monetary assets and liabilities denominated in foreign currencies as at the reporting date. Sensitivity of the Group's profit/loss before tax (due to changes in the fair value of monetary assets and liabilities) to reasonably possible movements in



the euro exchange rate, all other factors being equal, is presented in Note 38 to the consolidated financial statements.

#### Interest rate risk

The proportion of debt in the Group's financing structure is substantial. In line with the Polenergia Group's strategy of maximising its return on equity, more than 50% of the costs of projects pursued by the Group were financed with debt. In accordance with the credit facility agreements entered into by Group companies, interest on credit facilities provided to them is based on variable rates. Any significant increase in market interest rates above the values forecast by the Polenergia Group and factored into its project budgets may have a negative effect on the Group's financial performance. The Polenergia Group is aware of the existence of that risk and takes measures to mitigate it and prevent its potential negative consequences by constantly monitoring the situation on the money market and effectively managing its finances.

On August 12th 2011, subsidiary Polenergia Elektrociepłownia Nowa Sarzyna Sp. z o.o. entered into an Interest Rate Swap transaction with ING Bank Śląski S.A. to hedge against the volatility of a part of cash flows related to interest payments on an investment credit facility resulting from interest rate changes. The instrument hedges 80% of its interest-related cash flows.

On June 19th 2015, subsidiary Polenergia Farma Wiatrowa Mycielin Sp. z o.o. and Alior Bank S.A. executed a transaction to hedge interest rate risk. The instrument hedging 60% of interest-related cash flows took effect in Q2 2016.

At the same time, the Group monitors market interest rates on an ongoing basis and may hedge against interest rate movements in order to reduce the costs of servicing its financial liabilities under other projects, provided that such solution guarantees the expected return on its investment projects.

Sensitivity of the Group's profit/loss before tax (due to changes in the fair value of monetary assets and liabilities) to reasonably possible interest rate movements, all other factors being equal, is presented in Note 39 to the consolidated financial statements.

## Raw materials price risk

At present, companies of the Polenergia Group use natural gas and coke gas for the generation of electricity and heat. Moreover, agricultural biomass is used for the production of pellets.

The Polenergia Group uses natural gas for the generation of heat and electricity at the Nowa Sarzyna CHP Plant. In Poland, the PGNiG Group companies are the main suppliers of gas fuel, which is primarily imported from Russia and, to a lesser extent, produced by PGNiG. Any potential problems on the part of PGNiG with supplying the amount of gas fuel necessary to satisfy the existing demand may lead to limitations on its supply to customers. In such cases, the Polenergia Group may fail to fulfil its obligation to supply heat to its own customers.

The risk of supply limitations is negligible, but in connection with the liberalisation of gas prices due as of October 1st 2017, PGNiG is expected to be exempted from the requirement to apply tariff prices for customers purchasing more than 2.5m cubic metres of gas. The exemption will apply to purchases made by the Nowa Sarzyna CHP Plant. Thanks to the introduction of the TPA (third party access) rule, the Group companies are able to procure natural gas from sources other than PGNiG. The deregulation of gas prices is bound to result in a fall of prices for industrial users, mirroring developments on the electricity market. In the case of changes in gas prices, there is a time lag of at least 30-45 days before heat tariffs are appropriately adjusted.

The Group uses coke gas to generate electricity at the Mercury Power Plant. The coke gas is supplied by WZK Victoria. Given possible fluctuations in the amount of coke gas supplied, caused by technical constraints (coke gas output is proportional to coke production), the Group is exposed to the risk that the available amounts of this feedstock may vary, which would affect the amount of electricity generated and thus the Group's performance.

Polenergia Biomasa Energetyczna Północ, Polenergia Biomasa Energetyczna Południe and Polenergia Biomasa Energetyczna Wschód, subsidiaries of Polenergia S.A., use agricultural biomass to produce pellets for the energy sector. Pellets are made from cereal, maize and rape straw. The main suppliers of straw for pellet production are agricultural farms in the vicinity of the



production facilities. The prices and supply of straw may be negatively affected by poor crops of cereal, maize and rape, as well as adverse weather conditions.

The Polenergia Group mitigates that risk by conducting thorough research and analyses of the availability of straw on local agricultural markets and diversifying its supply sources.

Polenergia S.A. and the Group companies use mechanisms which protect them against adverse effects of raw material price fluctuations. In principle, the sale prices of electricity and heat are related to the prices of natural gas. However, it cannot be ruled out that in spite of the protection mechanisms used, raw material price fluctuations may adversely affect the financial performance of Polenergia S.A. and the Group.

#### Risk related to the Polish energy market

While the heat market is fully regulated, the electricity and gas markets are only partly controlled by the appropriate authorities. One of them is the President of the Energy Regulatory Office (Urząd Regulacji Energetyki, 'URE') – a central government authority appointed by the Prime Minister.

By operation of the Energy Law, the President of URE is competent for fuel and energy market regulation and for promotion of competition in the energy sector. The scope of competence of the President of URE includes granting, changing and revoking licences for production, storage, transmission, trade in and distribution of fuels and electricity, as well as oversight of entities regulated under the Energy Law in terms of fulfilment of duties resulting from the Energy Law and secondary legislation. The President of URE also has the power to agree to the development plans of energy enterprises, resolve disputes between energy enterprises as well as between them and end users, as well as approve and oversee tariffs applied by energy enterprises in terms of their compliance with applicable regulations, including the rule of protection of consumers against unreasonable price levels. The President of URE is also entitled to impose penalties, including significant fines, on licensed enterprises. Therefore, the Company cannot conclusively rule out the risk of the President of URE exercising his powers with respect to Polenergia and the Group in a manner unfavourable to them. However, the Company mitigates the risk by making every effort to fulfil its obligations under the Energy Law and secondary legislation.

Given the advanced stage of implementation of competitive market mechanisms in the power generation sector, enterprises licensed to generate electricity are exempted from the requirement to submit their tariff prices for approval; nonetheless, tariffs are still mandatory for electricity supplied to households. It should be stressed, however, that tariffs for electricity generated by the Polenergia Group are not subject to approval by the President of URE, given that the electricity is supplied to trading companies and industrial users. The provisions of the Energy Law, as currently applicable, provide in principle for the coverage of reasonable costs of operations.

Furthermore, the obligation to purchase electricity generated by RES at a price set by URE will be abolished as of January 1st 2018, potentially exposing the Company to lower market prices and their fluctuations.

Any possible legislative changes may prove unfavourable to the Group; however, Polenergia has very limited ability to influence decisions taken in this respect at the EU and national levels.

## Risk related to tariff approval by the President of URE

The Polenergia Group companies which generate heat or distribute gas and electricity are required to submit their tariffs (listing the prices of heat or of gas and electricity distribution service) for approval by the President of URE. Pursuant to the applicable laws, a tariff should cover the expected reasonable costs of heat generation in a particular tariff period, while ensuring a return on capital. Approval of tariffs by the President of URE is aimed to protect consumers against unreasonable rises in heat prices. In practice, tariffs are calculated by the President of URE based on certain assumptions, which may diverge from real costs of operations incurred by the Polenergia Group companies.

Therefore, there is a risk that the President of URE approves a tariff which is insufficient to ensure an adequate return on capital or even to cover the costs incurred by a company.



There is also a risk of delay in approval of a tariff for a new tariff period, which in consequence means that the producer/distributor is forced to apply the tariff applicable in the previous tariff period, which may not ensure the expected return on capital. If such risk materialises, the financial performance of the Polenergia Group may be worse than expected.

The risk related to the heat tariff affects only the Nowa Sarzyna CHP Plant. The risk associated with the natural gas sale and distribution tariff relates to Polenergia Kogeneracja, while the risk associated with the electricity sale and distribution tariff – to Polenergia Dystrybucja.

The potential impact of these risks on performance of the Polenergia Group is limited, given the relatively small contribution of EBITDA margin of the business areas referred to above to the Group's overall performance.

## Risk of changes in the legal and regulatory environment of the energy sector

The operations of the Group companies are subject to numerous Polish, EU and international regulations. Laws, regulations, decisions, positions, opinions, interpretations, guidelines, etc., applicable to the Group's business, are subject to frequent changes (the Energy Law, with secondary legislation, has been substantially amended several dozen times since its enactment in 1997). A number of the regulations applicable to the Group's business are relatively recent enactments, and therefore there is no established practice of their application (which may lead to their being improperly interpreted and applied).

Factors relevant to the Group's operations also include decisions issued by competent authorities, in particular the President of URE, which are characterised by a high level of arbitrariness and thus are often subject to legal disputes. The Group is exposed to the risk of failure to align its business with changing laws and regulations, with all the resulting consequences, and of enactment of new regulations that would curtail the support system for the technologies developed in Poland.

The new Act on Renewable Energy Sources, amended in June 2016, took effect on July 1st 2016 introducing a number of changes to the support system for renewable energy sources relative to the previously applicable regulations with respect to both existing and planned RES. In addition, on November 30th 2016 the Minister of Energy's regulation on changing the quantitative share of total electricity under redeemed certificates of origin certifying electricity generation from renewable energy sources in 2017 came into force. Pursuant to the regulation, in 2017 the requirement to redeem certificates of origin for energy generated from agricultural biogas will be 0.6% of electricity sales to end users and 15.4% in the case of certificates of origin for energy generated from other renewable energy sources.

The changes, in particular those pertaining to the redemption requirements, should be viewed as unfavourable to the Company in 2017. Furthermore, it remains uncertain whether the Ministry of Energy will decide to revise its policy concerning the RES sector.

As at the date of issue of this report, a regulation on auction volumes for 2017 had not yet been promulgated, even though, pursuant to the Act on Renewable Energy Sources, such regulation should have been promulgated by October 31st of the year preceding the relevant auction. The contents of the regulation may prove unfavourable to the Group. Considering that the Act on Wind Farm Projects stipulates that wind power plants may only be built (under a building permit already obtained) within three years of the Act's entry into force, given the absence of details regarding the date of the first auction, there is a risk that it will not be possible to carry out such projects within the prescribed period.

Under the new (auction-based) scheme, to receive support for energy generation from RES a producer will have to win an auction, the results of which will also determine the extent of the support. Thus a risk exists that the Group's wind farm projects ready for construction will receive insufficient support or no support at all. On the other hand, support granted under the auction-based scheme will protect the producer against market risk for 15 years.

It should also be noted that, pursuant to the EU regulations, the target share of renewable energy in the energy mix should be no less than 19.13%, while currently it is close to 13%. In the Group's opinion, this requires further investment in RES, and thus also implementation of relevant legal regulations.



The legislative changes may, in certain areas, contribute to a lower than expected return on investment in renewable energy sources.

## Risk of oversupply of green certificates on the market and the level of their market prices

The system of support for renewable energy sources in Poland is chiefly based on a mechanism involving green certificates, i.e. tradable property rights allocated to producers for generating electricity from a renewable energy source. Demand for green certificates comes from entities (mainly those supplying electricity to end users) which, under the Energy Law, are required to redeem a specified number of green certificates or else pay a relevant emission charge. In principle, redemption of green certificates is a better option as it carries the entitlement to an excise duty deduction, from which renewable energy is exempted (the deductible amount currently stands at PLN 20/MWh). If the number of outstanding green certificates is lower than implied by the requirement to redeem certificates or pay an emission charge, the market price of green certificates will be close to the amount of the emission charge, or may even be higher.

In line with our earlier expectations, the oversupply of green certificates continued into 2016, keeping their market price much below the emission charge set by the President of URE at PLN 300.03/MWh. Currently, the market price of green certificates has stabilised at around PLN 40/MWh, less than the estimated average lowest price of green certificates that would ensure economic viability of biomass firing and co-firing. As a result, power generation from biomass markedly declined in 2016.

In addition, on November 30th 2016, the Minister of Energy's regulation on changing the quantitative share of total electricity under redeemed certificates of origin certifying electricity generation from renewable energy sources in 2017 came into force. Pursuant to the regulation, in 2017 the requirement to redeem certificates of origin for energy generated from agricultural biogas will be 0.6% of electricity sales to end users and 15.4% in the case of certificates of origin for energy generated from other renewable energy sources. These provisions will not contribute to solving the oversupply issue.

Accordingly, if the prices of green certificates remain at their current level in the short run, then a risk exists for some of the wind farm projects that the financial ratios defined in the agreements under which financing has been secured for individual projects are not met. The Group is monitoring the situation and keeping in touch with the financing institutions.

If the prices of green certificates stay as they are now for a long time, there may be temporary problems with the performance of certain credit facility agreements, which in the case of some projects may trigger payment under guarantees issued by Polenergia S.A. For details on the guarantees, see Note 31 to the separate financial statements. Moreover, if the prices of green certificates remain at the current level for a long time, it may be necessary for Polenergia S.A. to financially support the trading segment, which has concluded long-term agreements for purchase of green certificates from wind farms.

## Risk of regulatory changes under which the support system for co-firing technologies would be limited

Part of the Group's business consists in the purchase and processing of biomass for resale. Demand for biomass sold by the Group is driven by the current system of support for renewable energy sources, which promotes, among other things, technologies for co-firing coal and biomass. Under the system, power utilities generating electricity based on such technologies are allocated a specified number of green certificates (property rights incorporated in certificates of origin). The Group companies' trading partners are electricity producers and entities supplying biomass to electricity producers co-firing coal and biomass. The changes to the support system, in effect since January 1st 2016, provide for significant limitation of the support for such technologies. The changes may result in lower demand for biomass (pellets) produced by the Group companies.

However, it should be noted that the amended RES Act introduced the term 'biomass of local origin', i.e. agricultural biomass generated within a specific distance from the installation. As at the date of issue of this report, there were no regulations that would specify the share of such biomass (for more details, see 'Risk associated with Polish biomass market').



## Risk associated with Polish biomass market

Polenergia Biomasa Energetyczna Północ, Polenergia Biomasa Energetyczna Południe and Polenergia Biomasa Energetyczna Wschód, subsidiaries of Polenergia S.A., use agricultural biomass to produce pellets for the energy sector. Demand for pellets is largely driven by legal regulations concerning the use of biomass in RES. Pursuant to the new RES Act, the Minister of Energy is obliged to prepare a regulation governing the required levels of biomass of local origin (such as is produced by plants operated by Polenergia S.A.'s subsidiaries) in the total stream of biomass burned by power plants and CHP plants. Demand for straw pellets will be determined by the new requirements concerning the share of local biomass and the new definition of local biomass, which eliminates a considerable portion of imported biomass. Depending on the requirement levels (as well as the prices of green certificates and auction prices for plants co-firing biomass), the demand may be either higher or lower than demand in recent years.

Until the relevant regulation comes into force, it will not be possible to predict the situation on the biomass market and thus also the outlook for production plants of Grupa Polenergia S.A.'s biomass segment.

Risk of proposed regulatory changes under which a support system for conventional generation sources would be created – 'capacity market'

In Poland, investment in conventional generation capacities is hampered, mainly on account of high capital expenditure associated with coal-fired units, low margins on electricity generation (in particular, natural gas and hard coal-based generation), and increasingly lower capacity utilisation in large commercial generation units. Measures implemented by PSE in recent years (supplemental non-spinning reserve) and several investment decisions made by energy companies controlled by the Polish State Treasury have forestalled the risk of insufficient reserve capacities for several years. However, there is a need to implement long-term measures to mitigate the risk of disruptions on the capacity market after 2020 by stimulating investment in the construction of new generation capacities and retaining the existing sources in operation. The Ministry of Energy unveiled a schedule of the legislative process according to which an act introducing the auction-based scheme to pay for capacities is to be passed by the end of 2016. Afterwards, 2017 is to see the first capacity auctions. Depending on the adopted solutions and time frame for their implementation, the attractiveness of new conventional projects, such as the Elektrownia Północ and Elektrownia Wińsko Power Plants, as well as the economic viability of existing facilities, such as the Nowa Sarzyna CHP Plant and Mercury Power Plant, may change significantly. Furthermore, if capacity market solutions are introduced, it cannot be ruled out that prices on the electricity market will fall, which can potentially have a negative effect on projects whose economic viability rests on revenue from sale of electricity (wind farms).

## Regulatory risk

Polenergia S.A. believes that certain threats may be posed by frequently changing legal regulations and their varied, often contradictory, interpretations. Any potential legislative changes, in particular where they concern business activity, taxes, labour matters, commercial law, including commercial companies and capital markets, as well as environmental protection, may have an adverse effect on the operations of Polenergia S.A. and its Group. It should be noted that Polish laws are at the final stage of being harmonised with the requirements of EU laws, which affects the legal environment in which the Polenergia Group operates. In addition, changes to Polish legislation are made to reflect newly adopted EU laws. In particular, the implementation of new business regulations may entail problems with their interpretation, inconsistent court rulings or unfavourable interpretations adopted by public authorities.

It should also be stressed that, in addition to general laws regulating each business, the operations conducted by the Polenergia Group are governed by specific regulations under the Polish Energy Law, the Act on Renewable Energy Sources and the related secondary legislation. These regulations are not formulated precisely, and so in many cases they do no lend themselves to straightforward interpretation, which may cause problems with their application. They are also subject to frequent changes, which makes the Polenergia Group's legal environment not entirely stable. Consequently, there is a risk that future changes in the state policy and related changes in



legal regulations may have an adverse effect on the operations of Polenergia S.A. and Polenergia Group companies.

## Risk related to the Act on Wind Farm Projects coming into force

On July 15th 2016, the Act on Wind Farm Projects came into force.

Under the Act, the distance between a wind farm and residential buildings or a nature conservation area may not be shorter than ten times the height of the wind power plant, from the ground surface to its highest point (including the rotor and blades),

except for projects with respect to which, as at the date of the Act's entry into force, a building permit had been issued or building permit procedure had been initiated (267 MW held by the Group).

Additionally, under the Act, a new wind farm may only be constructed pursuant to such permit within three years of the Act's entry into force, in which period an operation permit must be secured.

Considering the above provisions of the Act, the Company was unable to continue the development of a number of wind farm projects (410 MW), and had to recognise relevant impairment losses. Furthermore, the said provisions may impede the implementation (construction) of other wind farm projects.

Given the very unclear wording of the Act, uncertainty arose as to the calculation of wind farm property tax. Although, according to expert reports held by the Group, the Act should not affect the amount of property tax paid by the Group companies, nevertheless – given the aforementioned uncertainty – there is a risk that the Group companies will have to prove in court that there are no grounds to increase the amount of property tax they are obliged to pay. This may have an adverse effect on the business of the Group companies operating wind farms.

To resolve the uncertainty, the Group companies requested that the competent authorities (i.e. municipal authorities) issue interpretations concerning calculation of the property tax applicable from 2017. By the date of this report, the Group received one positive and six negative replies to these requests. As part of concurrent efforts, two projects received a positive interpretation allowing the Group to use the current market value of a wind farm as the tax base.

According to the negative interpretations, as of 2017 the property tax on wind farms should be calculated based on new rules. In the Group's opinion, legal grounds for the negative interpretations are incorrect, based on which it filed an appeal against them to the Provincial Administrative Court. It must be noted that numerous positive interpretations have been obtained by other market participants, including one for a farm from the Group's portfolio, all evidencing that the Group's position is justified.

Moreover, in a letter dated December 28th 2016, the Ministry of Infrastructure and Construction expressed an opinion that the amendment to the definition of a structure introduced pursuant to the Act on Wind Farm Projects of May 20th 2016 was not designed to change the tax base for the purposes of wind farm property tax.

Also, in a letter dated December 29th 2016 to the Minister of Development and Finance, the Minister of Energy asserted that the purpose of the Act on Wind Farm Projects was to regulate the operation of wind farms with respect to building regulations (accordingly, it was not designed to make any changes in respect of property tax), the Act had been adopted on the initiative of a group of MPs and fell within the scope of competence of the Ministers of Infrastructure (construction process), Finance (taxes), Development (business development) and Energy (RES). In the letter, the Minister of Energy stated that all RES technologies should be afforded equal treatment and pointed out obvious doubts regarding the property tax.

## Risk related to unstable tax system

Regulations of the Polish tax system are frequently changed, the wording of many tax regulations is not sufficiently clear and there is no unequivocal interpretation of some of them. The interpretation of tax regulations is subject to frequent changes, and the practices of tax authorities and judicial decisions concerning the application of tax regulations still lack consistency. One of the aspects of insufficient clarity of tax regulations is the fact that there are no legally prescribed



procedures of final verification whether tax liabilities for a given period have been correctly calculated. Tax returns and actually paid amounts of tax may be inspected by tax authorities for five years from the end of the year in which the tax was due.

Following Poland's accession to the European Union, Polish regulations, including the tax legal framework, have been adjusted to EU standards and aligned with the regulations applicable in other EU Member States. The process is still ongoing and is likely to further stabilise the Polish tax regime, which may significantly reduce the risk of instability of the tax system.

On account of the unclear tax provisions and in an effort to protect itself against negative tax consequences, the Company sought private letting rulings. However, the tax authorities' tendency to question the protective effect of private letter rulings issued to taxpayers is a factor with a potentially adverse impact on the Group's tax security.

The risk related to the unstable tax system, and in particular the risk of tax authorities adopting a different interpretation of tax laws than that assumed by the Polenergia Group, exists and may have an adverse effect on the Group's operations, financial standing, performance or growth prospects.

## Risk related to the necessity of meeting environmental requirements

The business operations of Polenergia S.A. and individual Group companies are subject to a number of environmental regulations. In particular, the Company and the Group may be required to obtain integrated permits or sectoral permits (for air emissions of gases and particulate matter or for generation of waste, as required under the water law), and to timely submit properly structured reports on their use of the environment or other matters. Ensuring compliance with environmental regulations may require expenditure to prepare the relevant documents and adjust the Group's installations to the applicable requirements. At the date of authorisation of this report, Polenergia S.A. and its subsidiaries secured all relevant environmental permits.

Further, under the EU Emissions Trading Scheme, participation permits had to be obtained for installations used in the course of the operations of Polenergia and other Group companies.

Trade in emission allowances is an environmental policy instrument designed to reduce pollutant emissions. Both EU membership and the Kyoto protocol require Poland to participate in the Emissions Trading Scheme. The emissions trading mechanism was introduced on January 1st 2005 upon the entry into force of Directive 2003/87/EC of the European Parliament and of the Council, transposed into Polish legislation by virtue of the Act on Trading in Allowances for Emissions of Greenhouse Gases and Other Substances of December 22nd 2004. The aforementioned Act was superseded by the Act on Trading System for Greenhouse Gas Emission Allowances, dated April 28th 2011. On July 17th 2015, the Act on Trading in Greenhouse Gas Emission Allowances of June 12th 2015, regulating trading mechanisms applicable in 2013–2020 (ETS III) and implementing in the Polish system the mechanisms introduced by Directive 2009/29/EC, was enacted.

Plants owned by the Polenergia Group:

- a. Mercury Power Plant (KPRU No.: PL 0879 05),
- b. Nowa Sarzyna CHP Plant (KPRU No.: PL 0472 05).

All three are combustion installations with a rated thermal input in excess of 20 MW participating in the EU Emissions Trading Scheme.

a. In accordance with the derogation under Art. 10c of Directive 2003/87/EC, the Mercury Power Plant, as an electricity producer, was provisionally allocated 22,344 emission allowances for 2013, with the allocation gradually decreasing to 0 in 2020.

Under the Regulation of the Council of Ministers of April 8th 2014 listing electricity generating installations covered by the greenhouse gas emissions trading scheme in the trading period beginning on January 1st 2013, along with the number of allowances allocated to them, the number of free emission allowances allocated to the Mercury Power Plant (modified by a correction factor) was as follows:



- 2013: 17,763
- 2014: 16,420
- 2015: 14,272
- 2016: 10,859
- 2017: 8,217
- 2018: 6,548
- 2019: 4,869
- 2020: 0

The Mercury Power Plant was not allocated any emission allowances for 2013–2016 as no Investments specified in the National Investment Plan were carried out.

b. The Nowa Sarzyna CHP Plant was allocated free emission allowances pursuant to Art. 10a and Art. 10c of Directive 2003/87/EC of the European Parliament and of the Council.

Under the Regulation of the Council of Ministers of March 31st 2014 listing installations other than those for electricity generation covered by the greenhouse gas emissions trading scheme in the trading period beginning on January 1st 2013, along with the number of allowances allocated to them, the number of free emission allowances allocated to the Nowa Sarzyna CHP Plant, modified by a correction factor, was as follows:

- 2013: 34.256
- 2014: 32,448
- 2015: 30,681
- 2016: 28,959
- 2017: 27,278
- 2018: 25,642
- 2019: 24,046
- 2020: 22,495

The emission allowances allocated for 2016 were transferred to the operator's account in April 2016.

Under the Regulation of the Council of Ministers of April 8th 2014 listing electricity generating installations covered by the greenhouse gas emissions trading scheme in the trading period beginning on January 1st 2013, along with the number of allowances allocated to them, the number of free emission allowances allocated to the Nowa Sarzyna CHP Plant was as follows:

- 2013: 145,048
- 2014: 134,082
- 2015: 116,082
- 2016: 88,676
- 2017: 67,103
- 2018: 53,468
- 2019: 39,758
- 2020: 0

Given that no Investments specified in the National Investment Plan were carried out, no free allowances were transferred to the operator's account.

The installations listed above submit annual reports to the electronic National Database for Emissions of Greenhouse Gases and Other Substances and verified annual reports on CO<sub>2</sub> emissions. As of January 1st 2013, all the installations are also subject to new CO<sub>2</sub> emissions monitoring plans, approved by competent authorities and compliant with Commission Regulation (EU) No. 601/2012 of June 21st 2012 on the monitoring and reporting of greenhouse gas emissions pursuant to Directive 2003/87/EC of the European Parliament and of the Council and



Commission Regulation (EU) No. 600/2012 of June 21st 2012 on the verification of greenhouse gas emission reports and tonne-kilometre reports and the accreditation of verifiers pursuant to Directive 2003/87/EC of the European Parliament and of the Council. Pursuant to the Act on Trading in Greenhouse Gas Emission Allowances of June 12th 2015 (effective as of September 2016), installations covered by the scheme are obligated to apply for emissions trading permits, which are to replace the existing permits and monitoring plans, within 12 months from the effective date of the Act. The Mercury Power Plant has already obtained a new permit, while the Nowa Sarzyna CHP Plant is still in the application process.

## Risk related to Polenergia's business

#### Risk related to difficulties in obtaining financing for investment projects

Polenergia S.A. seeks to finance projects under a project finance model which assumes partial reliance on externally sourced funds. In the case of difficulties with finding potential share buyers, unsuccessful issue of shares or problems with borrowing funds from banks, the Polenergia Group is able to postpone the execution of some of its projects. In such circumstances, Polenergia S.A. will consider other forms of financing its project pipeline.

#### Risk of new projects failing

The Polenergia Group is pursuing an intensive development plan, which involves a significant number of investment projects in energy generation outsourcing, development of wind farms and production of pellets from agricultural biomass. Projects pursued by the Polenergia Group require significant capital expenditure. It is particularly high in the case of development and construction of wind farms – the area in which the Group is planning to expand its business and is currently running a number of projects. Polenergia makes decisions to commence the development stage of a project on the basis of detailed financial models, technical analyses and expert reports prepared by its dedicated Development Department. Such analyses include a series of assumptions, related to power generation volume, revenue, production costs, required investment amount and costs of financing. There is a risk that Polenergia S.A. may adopt assumptions more favourable than actual conditions, which would cause the Polenergia Group to achieve a lower than expected return on investment in a specific project. Moreover, the costs of preparing a project, even before the development stage, are also significant, especially in the wind farm construction segment. A project's failure would prevent the Group from recovering such costs.

The Development Department has extensive experience in all aspects of project preparation and implementation, such as development, plant operation and financing. Polenergia S.A. consistently improves its project management methods and is extremely careful in selecting the locations for wind farm projects in order to minimise the risk of achieving an unsatisfactory return on investment and the risk of incurring significant costs of project preparation without ascertaining the feasibility of the project.

#### Risk that investment plans are not executed or are delayed

One of the key elements of the Polenergia Group's development strategy are investment projects related to generation of energy from renewable sources, gas and electricity distribution, and conventional power generation.

Delays in carrying out its investment projects or their abandonment involve a risk of failing to achieve the assumed business objectives in the expected time frame, which in turn might lead to the Polenergia Group's achievement of worse financial results than those it would have posted if such projects had been completed as planned.

Intending to meet its investment plans, the Group takes steps to minimise this risk (such as precise planning and analysing factors which may affect the achievement of objectives, ongoing monitoring of results and immediate response to any signals showing that the achievement of objectives is at risk). The Management Board is particularly diligent in preparing individual projects, working on each and every technological detail and ensuring appropriate financing.

The Company's portfolio includes wind farm projects under development, with a total capacity of 267 MW, and it is the Company's intention for them to participate in auctions held under the amended RES Act.



The chances of winning an auction will depend on the number of participating projects and the prices offered by bidders.

The Company thinks its projects to date have the advantage of competitive development costs and good performance parameters, which should enable competitive pricing.

Moreover, as far as procedural matters are concerned, the projects are characterised by the long validity periods of relevant permits, which would enable them to repeatedly participate in later auctions.

However, details regarding the date of the auction and its parameters (reference prices/volumes) have not yet been made available. Considering that the Act on Wind Farm Projects stipulates that wind power plants may only be built (under a building permit already obtained) within three years of the Act's entry into force, there is a risk that such projects will not be successfully completed within the prescribed period.

Further, with respect to the Elektrownia Północ Power Plant, there is the risk of failure to reinstate the building permit, because of protests voiced by some external stakeholders (residents and environmental activist groups). In its operations, the Group follows the regulatory guidance, including administrative decisions and court rulings governing the building permit procedure.

There also exists an additional risk of losing the right to land for development, and thus of the inability to obtain the required administrative permits.

#### Risk related to dependence on key customers

Each power generation project developed and implemented by Polenergia S.A. is, in practice, prepared for one or more customers, i.e. manufacturing companies. With the expansion of the Group's operations, its foothold on the market of RES power generation and the Group's electricity trading company, the share of industrial customers in its total revenue will decrease.

#### Risk of default on covenants

As the Group's investment projects rely to a large extent on debt financing, there is significant debt concentration at the Group. The contracted credit facilities provide for a number of financial covenants which have to be met by individual projects.

Given the current market environment, possible consequences of the Act on Wind Farm Projects and situation prevailing on the market of green certificates, there is a risk that the Group may default on certain project covenants.

The Group monitors the debt ratios and compliance with covenants at individual companies, remaining in contact with the financing institutions.

In particular, as one of the Group's counterparties defaulted on its contractual obligations (as discussed in more detail under 'Counterparty risk'), Amon and Talia failed to meet the Expected Debt Service Coverage Ratio, Debt Service Coverage Ratio and Debt Ratio as at the end of 2016.

Additionally, due to impairment of property, plant and equipment, the Mycielin project failed to meet the Debt to Equity Ratio. Pursuant to the provisions of the credit facility agreement, such default does not trigger reclassification of the facility from non-current to current liabilities.

For details of the default on covenants, see Note 26 to the consolidated financial statements.

## Risk of termination of credit facility agreement

As one of the Group's counterparties defaulted on its contractual obligations (as discussed in more detail under 'Counterparty risks'), Amon and Talia failed to meet certain contractual covenants as at the end of 2016, which constitutes an Event of Default under the Credit Facilities Agreement.

As at the date of the financial statements, the Syndicate refrained from exercising any of the rights available to it in the case of occurrence of an Event of Default under the Credit Facilities Agreement.

Under Annex No. 5 to the Credit Facilities Agreement dated November 20th 2015, the Companies and the Syndicate agreed to enter into negotiations in good faith with a view to making long-term



arrangements that would comprehensively govern the mutual relations between the Companies and the Syndicate in connection with the non-performance of the PPA Agreements and the CPA Agreements by PKH, which will ultimately lead to executing a relevant annex to the Credit Facilities Agreement. The Companies are currently negotiating possible restructuring of that debt.

If the negotiations fail, there is a risk that the Syndicate may terminate the Credit Facilities Agreement.

The Company issued no surety for Amon's and Talia's liabilities under the Credit Facilities Agreement, save for a surety limited to approximately PLN 6.7m. The Company's Management Board is uncertain about the enforceability of the surety, however, as no explicit decision has been issued in that matter, it finds it prudent to consider the Company potentially liable.

Funds held by the Companies (Amon and Talia) (including in the Debt Service Reserve Account) and funds they expect to generate from their operations will allow the debt to be serviced for approximately another 12 months.

The Companies' control of the funds was restricted in favour of the Banks, in accordance with the provisions of the Credit Facilities Agreement.

The situation discussed above has no direct effect on any other credit facility agreement to which any of the Polenergia Group companies are party; in particular, it does not trigger an event of default under any other credit facility agreement.

#### Risk related to financial standing of customers

In the segment of industrial energy generation outsourcing, the Polenergia Group generates revenue based on long-term power and heat supply agreements concluded with one or several customers. The financial standing of customers and their ability to settle liabilities towards companies of the Polenergia Group is, therefore, of key significance for the success of the Group's projects, its financial results and financial standing. A sudden drop in energy consumption by a customer may also affect energy production efficiency.

Prior to concluding a contract and launching a project, Polenergia S.A. thoroughly verifies its potential customers, sometimes with the support of external consultants, checking their ability to settle liabilities towards Polenergia S.A., and prospects for the industries they operate in. The Polenergia Group is very careful in selecting customers, making sure they represent industries with good market prospects. The Company meticulously analyses a prospective customer's industrial processes, as well as its power and heat demand. Both parties work together for several months before the launch of a project.

## Risk related to customers' actions

According to information held by the Company, on July 2nd 2014 the general meeting of Polska Energia – Pierwsza Kompania Handlowa sp. z o.o. ('PKH'), the sole customer for electricity and green certificates generated by the Modlikowice Wind Farm (operated by Talia) and the Łukaszów Wind Farm (operated by Amon), passed a resolution to dissolve and wind up the company.

Furthermore, in accordance with information published by the Company in Current Report No. 14/2015 on March 23rd 2015, the Company's subsidiaries – Amon Spółka z ograniczoną odpowiedzialnością and Talia Spółka z ograniczoną odpowiedzialnością (the 'Companies') – received from Polska Energia – Polska Kompania Handlowa Spółka z ograniczoną odpowiedzialnością w likwidacji (in liquidation) a notice on the termination by PKH of:

- the Agreement on Sale of Property Rights Incorporated in Certificates of Origin for Electricity Generated in a Renewable Energy Source – the Łukaszów Wind Farm of December 23rd 2009 and the Agreement on Sale of Electricity Generated in a Renewable Energy Source – the Łukaszów Wind Farm of December 23rd 2009, in respect of Amon;
- 2) the Agreement on Sale of Property Rights Incorporated in Certificates of Origin for Electricity Generated in a Renewable Energy Source – the Modlikowice Wind Farm of December 23rd 2009 and the Agreement on Sale of Electricity Generated in a Renewable Energy Source – the Modlikowice Wind Farm of December 23rd 2009, in respect of Talia;



PKH's termination notices have no grounds in law or fact and are therefore invalid. Amon and Talia took legal measures to protect their interests from PKH's unlawful actions. In particular, legal action was brought to declare PKH's termination notices invalid and without legal effect.

Even if Polska Energia – Pierwsza Kompania Handlowa Sp. z o.o. w likwidacji is declared bankrupt or wound up, or if the termination notices are declared valid, Talia and Amon will still be able to sell electricity and certificates.

All electricity produced by the Modlikowice Wind Farm and Łukaszów Wind Farm can be sold to an obligated supplier at a price announced by the President of URE, while green certificates can be sold on a commodity exchange or otherwise to entities other than Polska Energia – Pierwsza Kompania Handlowa sp. z o.o. w likwidacji.

Accordingly, the Modlikowice Wind Farm and Łukaszów Wind Farm are able to sell their electricity and green certificates even if their current customer is declared insolvent or liquidated.

While the price of electricity sold to an obligated supplier is slightly higher than the price paid under contracts with Polska Energia – Pierwsza Kompania Handlowa Sp. z o.o. w likwidacji, the current market price of green certificates is significantly lower than the price paid by Polska Energia. Also, market prices may be volatile. As it is not possible to foresee future market prices, the consequences of the change of the customer for electricity and green certificates sold by Talia and Amon cannot be reliably predicted. Although the contracts with Polska Energia – Pierwsza Kompania Handlowa sp. z o.o. w likwidacji were concluded for a fixed period until March 1st 2027, it is equally impossible to predict the period when the two companies will suffer a decline in earnings without knowing what the prices of electricity sold to an obligated supplier and market prices of green certificates will be in the period.

The companies are of the opinion that Polska Energia – Pierwsza Kompania Handlowa sp. z o.o. w likwidacji may not unilaterally avoid performing the contracts in a legal way as part of its liquidation procedure or close the winding-up process before it terminates the contracts with the consent of the other party (Amon or Talia). But if this is the case, Amon and Talia may still sell their electricity and green certificates as discussed earlier and may pursue claims for damages.

It is possible that, irrespective of the outcome of the court proceedings, Amon's and Talia's resulting losses will not be fully compensated, owing to PKH's lack of funds.

If damages received by the Company's subsidiaries from PKH do not fully compensate them for damage suffered as a result of PKH's unlawful termination of the contracts, the subsidiaries will consider bringing an action against PKH's sole shareholder, Tauron Polska Energia.

#### Seasonality risk

Wind conditions, which determine the output of wind farms, are uneven during the year: in autumn and winter they are significantly better than in spring and summer. The wind farm sites were selected by Polenergia S.A. based on professional wind measurements confirmed by independent and reputable specialists. That said, there can be no assurance that the actual wind conditions will not be different than those used in the Group's models for specific investment projects.

Risk of production stoppages due to malfunction, damage or loss of property, plant and equipment

A serious malfunction, damage, partial or total loss of the Group's property, plant and equipment may result in temporary suspension of operations. In such cases, the Group may find it difficult to perform its agreements in a timely manner, which may result in enforcement of contractual penalties. Such situations may not only impair the quality of customer service, but may also lead to significant deterioration of financial performance.

The Group has insurance coverage against loss of gross margin and also holds property insurance so that any malfunction, damage or loss of property is at least partly compensated.

Polenergia S.A. and the members of its Group believe that they have insurance policies that provide sufficient protection against risks inherent in respective business activities. However, there can be no assurance that the amount of losses caused by events against which the Group is insured will not exceed the sums insured. Further, the occurrence of events beyond the existing



insurance coverage cannot be ruled out, which may force the Company to spend significant amounts to cover the resulting losses.

Risk of adverse weather conditions affecting electricity generation at the wind farms operated by the Group

The volume of electricity generated by a wind farm depends primarily on local wind characteristics. These may prove less favourable than expected and result in the actual volume of electricity generated falling below the projected volume.

These circumstances can have a material adverse effect on the Group's operations, performance, financial standing or growth prospects.

## Risk related to loss of key personnel

The business operations of Polenergia S.A. and other Group companies rely chiefly on the knowledge and experience of highly qualified personnel. In connection with the shortage of renewable energy experts on the market and given that specialists employed at the Group may receive attractive job and pay offers from its existing or future competitors, there exists a risk of loss of staff of key importance to Polenergia S.A.'s development. If the risk materialised, this could adversely affect Polenergia S.A.'s performance and delivery of its strategy.

The risk of loss of key personnel is mitigated through:

- a very strong corporate culture ensuring employee loyalty,
- a remuneration system that serves to incentivise staff and reward loyalty, and
- knowledge management and extensive training programmes.

## Operating risk

In operating industrial facilities and distribution networks, there is the risk of failing to achieve the target efficiency and availability or to meet the terms of relevant power and gas supply contracts. Polenergia S.A.'s past experience suggests that the risk of unexpected accidents resulting in the operating budget of a facility being exceeded is low. In an effort to mitigate this risk, Group companies continually hone their operating procedures and maintain insurance coverage or use clauses in their contracts allowing them to pass any additional costs and expenses onto subcontractors.

## Risk related to cash flow hedging

## Interest rate risk hedging

As at December 31st 2016, the Group held the following hedging instruments for cash flow hedge accounting purposes:

Maturity date of the hedging instrument	Value of the hedge (PLN '000) PLN	Interest rate hedged	Instrumen
2019-04-29	67,804.00	4.95%	IRS
2021-06-15	141,693.00	3.07%	IRS

The fair value of the hedges as at the reporting date was PLN 7,546 thousand, disclosed in liabilities.

The purpose of the hedging transactions is to mitigate the effect of interest rate movements on future interest payments under credit facility agreements.

Hedge accounting seeks to eliminate the risk of an accounting mismatch between the time when gains or losses on a hedging instrument and those on the hedged item are recognised. The result on a hedging transaction will be taken to profit or loss on exercise of the hedge.



As at December 31st 2016, the Group recognised PLN 4,077 thousand (2015: PLN 3,632 thousand) in total other expenses being a component of equity, on account of the effective portion of the hedging instrument's fair value as at the reporting date.

## 7. Statement of compliance with corporate governance rules

 The corporate governance rules applicable to the Company and the place where the rules are publicly available

Code of Best Practice for WSE Listed Companies, available at: http://corp-gov.gpw.pl/

b) Degree of the Company's non-compliance with the corporate governance rules referred to in Section 16.a), specification of the rules not complied with, and reasons for the non-compliance

Defining the composition of the Supervisory Board's Audit Committee is an independent decision of the Supervisory Board, which failed to appoint its independent member as Chairperson of the Committee.

The Company does not have in place any remuneration or diversity policy. The Company does not broadcast its General Meetings as this is not justified by the shareholding structure or expectations of shareholders notified to the Company. The Company's Articles of Association do not provide for the option to cast votes at the General Meeting by post, nor is it possible to vote by means of remote communication.

 Key features of the Company's internal control and risk management systems used in the preparation of separate financial statements of the Group companies and the Group's consolidated financial statements

The Management Board is responsible for the Company's internal control and risk management systems applied in the preparation of financial statements.

Periodic financial statements and management reports are prepared by the Accounting Department and the Controlling Department, under the supervision of the Chief Financial and Administration Officer, who is also a Management Board member.

All financial data contained in the financial statements is sourced from the financial and accounting system, in which all business events are recorded in accordance with the accounting policy approved by the Management Board, based on the International Financial Reporting Standards or the Polish Accounting Standards. The documents are reviewed by authorised persons in terms of their formal, accounting and factual correctness.

The effectiveness of the internal control system is protected through a number of measures and internal procedures adopted by the Company's Management Board. Such measures concern, for instance, the flow of accounting documents, description of accounting evidence, purchases made on behalf of the Company, assuming obligations by the Company, stocktaking, disposal of the Company's fixed assets and other items, decision-making and budgeting.

Data security is ensured by continuous review and update of access right restrictions and the strength of the password system protecting the financial and accounting records, as well as by the Company's procedures for data backup and storage.

Full-year and half-year (consolidated and separate) financial statements are subject to audit (annual reports) or review (half-year reports) by an independent auditor appointed by the Supervisory Board under the authorisation provided for in the Articles of Association.

Prior to publication, audited full-year financial statements of the Company are approved by the Management and Supervisory Boards.



After the accounting closing of each calendar month, the Company prepares management reports including an analysis of key financial data and ratios and a comparison of current financial performance with the adopted budget, along with an explanation of deviations from the budget, if any. Each month, management reports are distributed among the members of the Management and Supervisory Boards.

The Company's internal control mechanisms enable early risk identification, assessment and mitigation and ensure accuracy of information presented in financial statements.

Thanks to these controls, the Company's financial statements are reliable, correct and clear, as confirmed by the auditor's opinions.

d) Shareholders directly or indirectly holding significant holdings of shares, along with an indication of the numbers of shares and percentages of the Company's share capital held by such shareholders, and the numbers of votes and percentages of the total vote that such shares represent at the General Meeting

For detailed information on shareholders directly or indirectly holding significant holdings of shares, see the section below.

No.	Shareholder	Number of	Number of voting	% interest
110.	Shareholder	shares	rights	
1	Kulczyk Investment S.A.*	22,811,757	22,811,757	50.20%
2	China-Central and Eastern Europe Investment Co-operation Fund SCS SIC AV-SIF**	7,266,122	7,266,122	15.99%
3	ING OFE	2,576,969	2,576,969	5.67%
4	Generali OFE	2,943,731	2,943,731	6.48%
5	Aviva OFE	3,060,872	3,060,872	6.74%
6	Other	6,784,096	6,784,096	14.93%
	Total	45,443,547	45,443,547	100%

<sup>\*</sup> Through Mansa Investments Sp. z o.o., a subsidiary

e) Holders of any securities conferring special control rights, and description of those rights

The Company has not issued any securities conferring special control powers.

f) Any restrictions on voting rights, such as limitations of the voting rights of holders of a given percentage or number of votes, deadlines for exercising voting rights, or systems whereby, with the Company's cooperation, the financial rights attaching to securities are separated from the holding of securities

The Company is aware of no restrictions on voting rights, such as limitations of the voting rights of holders of a given percentage or number of votes, deadlines for exercising voting rights, or systems whereby, with the Company's cooperation, the financial rights attaching to securities are separated from the holding of securities.

g) Any restrictions on transfer of ownership rights to the Company's securities

There are no restrictions on transfer of ownership rights to the Company's securities

h) Rules governing the appointment and removal of the Company's management personnel and such personnel's powers, particularly the power to make decisions to issue or buy back shares

The Management Board consists of one to five members, including the President and Vice President of the Management Board. The Management Board is appointed for a three-year term of office. The Management Board members are not appointed for a joint term of office.

<sup>\*\*</sup> Through Capedia Holdings Limited of Nicosia, Cyprus, a subsidiary



The Supervisory Board appoints and determines the number of members of the Management Board.

The Management Board manages the Company's business and represents it before third parties.

Any matters related to the management of the Company which do not fall within the exclusive scope of competence of the General Meeting or the Supervisory Board under the law or the Articles of Association fall within the scope of powers and responsibilities of the Management Board.

The Management Board is not authorised to make decisions on share issue.

i) Rules governing amendments to the Articles of Association

Any amendment to the Articles of Association requires a resolution of the General Meeting adopted by a three-fourths majority of votes.

j) Manner of operation of the General Meeting and its key powers; shareholders' rights and the manner of exercising those rights, including in particular the rules stipulated in the rules of procedure of the General Meeting if such rules have been adopted, unless the relevant information follows directly from legal regulations

Manner of operation of the General Meeting

The General Meeting operates pursuant to (i) the Commercial Companies Code, (ii) other generally applicable laws, (iii) the Articles of Association, and (iv) the Rules of Procedure of the General Meeting.

Certificates of deposit confer the right to participate in the General Meeting. A certificate of deposit should specify the number of shares held and contain a clause prohibiting the delivery of such shares until the General Meeting is closed. A shareholder may attend the General Meeting provided that they submit a certificate of deposit at the Company's registered office at least one week prior to the date of the Meeting. Shareholders may participate in the General Meeting in person or by proxy. The power of proxy to participate in the General Meeting should be made in writing. Furthermore, in the case of powers of proxy granted by legal persons or partnerships, a document confirming authorisation of the persons granting the power of proxy to represent the shareholder should be attached.

Resolutions of the General Meeting are voted on in an open ballot. Resolutions are voted on in a secret ballot if the law so requires (e.g. in personnel matters) or upon a shareholder's request.

General Meetings are convened by posting a notice on the company's website and in the manner prescribed for disclosure of current information in accordance with the provisions of the Act on Public Offering and Conditions Governing the Introduction of Financial Instruments to Organised Trading, and Public Companies. Such a notice should be published at least twenty-six days prior to the date of the General Meeting.

Key powers of the General Meeting

The powers of the General Meeting are stipulated in Art. 20.1. of the Company's Articles of Association and include:

- a) reviewing and approving the Directors' Report and the Company's financial statements;
- b) approving performance of duties by the Supervisory and Management Board members;
- c) passing resolutions on distribution of profit or coverage of loss;



- d) setting up and releasing special accounts;
- e) determining the rules and amounts of remuneration of Supervisory Board members;
- f) changing the Company's business objects;
- g) amending the Company's Articles of Association;
- h) increasing or reducing the share capital;
- i) merging or transforming the Company;
- j) dissolving and liquidating the Company;
- k) issuing bonds, including convertible bonds;
- I) appointing liquidators;
- m) making all decisions concerning claims for redress of any damage inflicted on formation of the Company, or in the management or supervision of the Company;
- n) disposing of the Company's business or a substantial part thereof;
- o) considering matters put forward by the Supervisory or Management Boards, or by shareholders.

The General Meeting is also authorised to appoint and remove members of the Supervisory Board (pursuant to Art. 10.2 of the Articles of Association). Furthermore, pursuant to Art. 368.1 of the Commercial Companies Code, the General Meeting may remove a member of the Management Board.

Shareholders' rights and the manner of exercising those rights

Shareholders' key rights include the right to participate in and exercise voting rights at the General Meeting.

Moreover, a shareholder or shareholders representing at least 10% of the share capital may request that the General Meeting be convened and that certain matters be placed on the agenda of the General Meeting (Art. 400.1 of the Commercial Companies Code).

Shareholders also have the right to appeal against General Meeting's resolutions or to move for declaring such resolutions null and void.



 composition and activities of the Company's management, supervisory or administrative bodies and of their committees; changes in their composition over the last financial year

#### Supervisory Board

## Composition

No.	Name and surname	Position
1.	Tomasz Mikołajczak	Chairman of the Supervisory Board
2.	Łukasz Rędziniak	Deputy Chairman of the Supervisory Board
3.	Arkadiusz Jastrzębski	Member of the Supervisory Board
4.	Mariusz Nowak	Member of the Supervisory Board
5.	Brian Bode	Member of the Supervisory Board
6.	Orest Nazaruk	Member of the Supervisory Board
7.	Dawid Jakubowicz	Member of the Supervisory Board
8.	Dominik Libicki	Member of the Supervisory Board
9.	Dagmara Gorzelana- Królikowska	Member of the Supervisory Board

On February 23rd 2016, the Company was notified that China – Central and Eastern Europe Investment Co-operation Fund SCS SICAV-SIF of Luxembourg, acting in accordance with Art. 10.2.b of the Articles of Association, had removed Rafał Andrzejewski from the Company's Supervisory Board and appointed Brian Bode to the Supervisory Board.

On March 24th 2016, the Annual General Meeting appointed four members of the Company's Supervisory Board – Dominik Libicki, Mariusz Nowak, Arkadiusz Jastrzębski and Dagmara Gorzelana-Królikowska.

The Supervisory Board is composed of six to nine members. The number of Supervisory Board members for a given term of office is determined by the General Meeting. The term of office of the Supervisory Board is three years, except for the first term of office of the Supervisory Board, which is one year. The Supervisory Board members are not appointed for a joint term of office.

The Supervisory Board members are appointed and removed in the following manner:

- a) a shareholder holding shares representing at least 33% of the Company's share capital has the right to appoint and remove two members of the Supervisory Board, including the Chairman, by submitting to the Company a relevant written statement. If more than one shareholder holds shares representing at least 33% of the Company's share capital, the Chairman of the Supervisory Board is appointed by the shareholder holding the largest number of Company shares:
- b) China Central and Eastern Europe Investment Co-operation Fund SCS SICAV-SIF of Luxembourg, the Grand Duchy of Luxembourg, (the 'Fund') has the right to appoint and remove one member of the Supervisory Board by submitting to the Company a relevant written statement;
- c) other members of the Supervisory Board are appointed and removed by the General Meeting;
- d) the right to appoint and remove members of the Supervisory Board referred to in a) and b) above may not be exercised jointly by the same entity or entities which are members of a single group.

At least two members of the Supervisory Board should meet the independence criteria described in the Code of Best Practice for WSE Listed Companies, attached as an Appendix to Resolution No. 19/1307/2012 of the WSE Board of November 21st 2012, or in a document which will replace the Code, and in particular such members may not have, in line with a representation submitted to the6 Company, any economic, family or other links with Kulczyk Investment S.A. ('KI') which could influence the position of a Supervisory Board member with regard to any matters decided by the Supervisory Board.



An Audit Committee operates within the Supervisory Board. The Audit Committee is composed of three members. The Audit Committee comprises the Supervisory Board member referred to in Art. 10.2.b of the Articles of Association.

## Composition of the Audit Committee

No.	Name and surname	Position
1.	Dawid Jakubowicz	Chairman of the Audit Committee
2.	Brian Bode	Member of the Audit Committee
3.	Orest Nazaruk	Member of the Audit Committee

#### Rules of operation

The Supervisory Board operates pursuant to (i) the Commercial Companies Code, (ii) other generally applicable laws, (iii) the Articles of Association, and (iv) the Rules of Procedure for the Supervisory Board.

An Audit Committee has been established within the Supervisory Board.

The powers and responsibilities of the Supervisory Board include, in particular:

- a) assessment of the Company's financial statements for the previous financial year;
- b) issue of opinions on the Directors' Report and Management Board recommendations concerning the distribution of profit (payment of dividend) or coverage of loss, on draft resolutions proposed to the General Meeting, and on other important materials presented to shareholders in connection with the General Meeting;
- c) review and approval of annual operational and financial plans for the Company ('Company Budget') and for individual Projects ('Project Budgets') in which the Company invests, and any material changes thereto, as well as requesting the Management Board to present detailed reports on performance of the plans
- ('Project' means a company, business or venture engaged in the generation, transmission or distribution of electricity or heat, or in the supply, trade in or distribution of fuels, in which the Company is a shareholder, investor, developer or manager);
- c¹) granting of consent for the Company to incur capital expenditure in an amount exceeding the equivalent of USD 100,000 (one hundred thousand US dollars), as calculated at the middle rate announced by the National Bank of Poland for the transaction date ('Exchange Rate'), on a company, business or venture that is not a Project;
- d) review and approval of the Company's strategic growth plans;
- e) submission to the General Meeting of written reports on findings of the assessments referred to in item a) and b) above;
- f) appointment, removal from office and suspension from duties of Management Board members, including the President, Vice President or the entire Management Board;
- g) determination of the number of Management Board members for the next term of office;
- h) determination of the amount of remuneration and other benefits for Management Board members;
- i) when all members of the Management Board have been removed from office or suspended from duties or when the Management Board is unable to operate for other reasons, delegation of



one or more Supervisory Board members to temporarily perform the duties of the Management Board:

- j) granting consent for sale, lease, exchange, or other disposal of the Company's assets, including the Company's interest in a Project, as part of a single transaction or a series of related transactions, with a market value exceeding the equivalent of USD 100,000 (one hundred thousand US dollars), as calculated at the middle rate announced by the National Bank of Poland for the transaction date ('Exchange Rate');
- k) granting consent to the Company for the taking out of bank loans, taking out or advancing of other loans, and taking on other debt, save for (i) liabilities incurred in the ordinary course of business in respect of the provision of services or the delivery of goods, (ii) taxes not yet due and payable, (iii) other current liabilities, where the portion not provided for in the Company's approved budget does not exceed the PLN equivalent of USD 250,000 (two hundred and fifty thousand US dollars), as translated at the Exchange Rate:
- I) granting consent to the Company for incurring expenditure in an amount exceeding the PLN equivalent of USD 250,000.00 (two hundred and fifty thousand US dollars), as translated at the Exchange Rate, as part of a single transaction or series of related transactions, other than expenditure provided for in the Company's approved annual budget or arising in the Company's ordinary course of business, with the proviso that capital expenditure is not treated as expenditure incurred in the Company's ordinary course of business;
- m) granting consent to the Company for taking part in legal transactions with any of the following:
  - i) an entity in which the Company holds, directly or indirectly, shares or other equity interests, unless the shares or equity interests represent 100% (one hundred per cent) of the share capital of such entity;
  - ii) a member of the Company's Management Board;
  - iii) a member of the Company's Supervisory Board;
- n) granting consent to the Company for entry into an agreement establishing a partnership under civil law, general partnership, limited partnership, into a profit-sharing or revenue-sharing agreement or any similar agreement whereunder the Company's revenue or profit is or may be shared with other persons or entities;
- o) granting consent to the Company for the establishment of branches or subsidiaries, acquisition or subscription for shares or equity interests in other companies, and entry into partnership agreements with entities other than companies in which the Company holds, directly or indirectly, 100% (one hundred per cent) of the share capital;
- p) granting consent to the Company for the issue of sureties or guarantees or other encumbrance of its assets if the cumulative amount of such sureties, guarantees or other encumbrances exceeds or may exceed the PLN equivalent of USD 100,000.00 (one hundred thousand US dollars), as translated at the Exchange Rate, unless such sureties, guarantees or other encumbrances are provided for in the Company's approved budget;
- r) selection or change of the Company's auditor;
- s) granting consent for the appointment of commercial proxies and approving the amount of remuneration of the commercial proxies;
- t) granting consent for the execution, material amendment or termination of an agreement with a value exceeding the PLN equivalent of USD 500,000 (five hundred thousand US dollars), as translated at the Exchange Rate, and which is made for the provision of energy services, purchase of energy, facility management, lease of assets, turn-key procurement and delivery, equipment maintenance and operation, contracting a bank loan or other borrowings or supply of



fuel, as well as any other agreements relating to a Project involving the Company, including any changes to orders under turn-key procurement and delivery agreements, unless any of the above is provided for in the Company's approved budget;

- u) approving the terms and conditions of Project financing and any material amendments to such terms and conditions;
- v) granting consent for a material change in the accounting policies applied by the Company;
- w) approving any acquisition or disposal by the Company of a property, perpetual usufruct right or interest in a property, unless such acquisition or disposal was provided for in the Company's or a Project's approved budget.

## **Management Board**

## Composition

	Name and surname	Position
1.	Jacek Głowacki	Vice President of the Management Board
2.	Bartłomiej Dujczyński	Member of the Management Board
3.	Michał Michalski	Member of the Management Board

On April 27th 2016, Zbigniew Prokopowicz, Anna Kwarcińska and Michał Kozłowski resigned from the Company's Management Board.

On April 28th 2016, the Company's Supervisory Board appointed Bartłomiej Dujczyński as Member of the Management Board and delegated Jacek Głowacki to manage the work of the Management Board.

On November 8th 2016, the Company's Supervisory Board appointed Michał Michalski as Member of the Management Board.

8. Proceedings pending before common courts of law, arbitration courts or public administration authorities

As at December 31st 2016, the Company was not party to any court proceedings.

Proceedings involving the Company's subsidiaries are discussed in the Directors' Report on the Group's operations.

9. Key products, merchandise and services, their values and volumes, and the respective shares of individual products, merchandise and services (where relevant) or their groups in the Group's total revenue, as well as the changes of the above in the financial year

NET REVENUE FROM SALE OF FINISHED GOODS (BY TYPE) (PLNm)	2016	2016
net revenue from consulting and advisory services	22.0	92.7 %
net rental income	1.7	7.2 %
other	0.0	0.1 %
Total net revenue	23.7	100 %



10. Information on the Company's markets, broken down into domestic and foreign markets, on the Company's supply sources for production materials, goods and services, including information on dependence, if any, on any single customer or supplier, or a group of customers or suppliers, and where the share of a single customer or supplier in total revenue equals or exceeds 10% of total revenue – the name of such supplier or customer, its share in total sales or purchases, and its formal links with the Company

Domestic customers accounted for 100% of the production and services sold by the Company in 2016. The Company's principal business is the provision of services to Polenergia Group companies.

However, following the sale of the Zakrzów project and exercise of the option to repurchase projects under development from EPA Wind, the 10% threshold was exceeded.

Customer	Transaction	Type of link with Issuer	2016
DP System Sp. z o.o. (1)	Sale of assets	N/A	23%
Supplier	Transaction	Type of link with Issuer	2016
Krucza Inwestycje KREH 1 Sp. z o.o. Sp.k.	Principally lease of office space	Related entity	11%
EPA Wind Sp. z o.o. Sp.k. (2)	Purchase of wind farm development services	N/A	13%

<sup>(1)</sup> Proceeds from the sale of the Zakrzów CHP Plant, including energy assets comprising the Zakrzów CHP Plant and two special purpose vehicles.

11. Agreements significant for the issuer's business, including agreements between shareholders (partners), insurance contracts, collaboration or cooperation agreements, of which the issuer is aware

In compliance with the requirements set out in the Minister of Finance's Regulation dated February 19th 2009 on current and periodic information to be published by issuers of securities and conditions for recognition as equivalent of information whose disclosure is required under the laws of a non-member state, information on significant agreements is disclosed by the Company in current reports.

12. Issuer's organisational or equity links with other entities and main domestic and foreign investments (securities, financial instruments, intangible assets and property), including equity investments outside the group of related entities, and a description of the methods of financing thereof, and structure of main equity deposits or major investments within the Group in the financial year

The Group's equity structure is presented in the financial statements. For the Company's equity links, see Note 10 to the financial statements.

13. Significant transactions concluded by the issuer or the issuer's subsidiaries with related parties on non-arms' length terms, including the amounts and other details of such transactions - the obligation is deemed fulfilled by referring to the part of the financial statements in which such information is provided

For related-party transactions, see Note 42 to the consolidated financial statements.

<sup>(2)</sup> Premium paid to EPA Wind on completion of the project development process by EPA.



14. Bank and other borrowing agreements concluded and terminated in the financial year, including at least the amounts, types, interest rates, currencies and maturity dates of the borrowings

For bank and other borrowings, see Notes 28 and 29 to the separate financial statements.

15. Loans granted in the financial year, in particular loans granted to the issuer's related entities, including at least the amounts, types, interest rates, currencies and maturity dates of the loans

Loans granted are presented in Note 19 and Note 40.1 to the separate financial statements.

16. Sureties and guarantees issued and obtained in the financial year, including without limitation sureties and guarantees issued for the benefit of the issuer's related entities

For loan sureties or guarantees issued by the Company or the Company's subsidiary to a single entity or its subsidiaries, see Note 31.1 to the financial statements.

Moreover, as at December 31st 2016 the Issuer did not receive any guarantees.

17. For issues of securities in the period covered by the report – description of the issue proceeds use until the date of preparation of the report on operations

In the period covered by this report, no securities were issued.

18. Description of differences between the financial performance presented in the annual report and the financial forecasts for the year, published earlier (PLNm)

In 2016, the Company did not publish any financial forecasts on a separate basis.

19. Assessment (and grounds for the assessment) of financial resources management, including in particular an assessment of the ability to repay liabilities, as well as an identification of threats, if any, and measures used or intended to be used to mitigate such threats

The most important part of the Company's and the Group's financial liabilities are bank borrowings, described in more detail in the financial statements. All liabilities of the Company and the Group are settled in a timely manner.

However, if the prices of green certificates remain at their current level in the short run, then a risk exists that the financial ratios defined in the agreements under which financing has been secured for individual wind farm projects are not met.

The Group is monitoring the situation and keeping in touch with the financing institutions. If the prices of green certificates stay as they are now for a long time, there may be temporary problems with the performance of certain credit facility agreements, which may trigger payment under guarantees issued by Polenergia S.A. For details on the guarantees, see Note 31.1 to the separate financial statements.

20. Evaluation of feasibility of investment plans, including equity investments, in the context of available funds, taking into consideration possible changes in the investment financing structure

Polenergia S.A. seeks to finance projects under a project finance model which assumes partial reliance on externally sourced funds.



As at December 31st 2016, the Group planned to spend ca. PLN 60m on property, plant and equipment in 2017. The amount will largely be allocated to an investment programme in the distribution segment and on project development, including in offshore and onshore wind power generation.

21. Assessment of factors and non-recurring events with a bearing on results for the financial year, along with the extent to which such factors or non-recurring events affected the results, and an overview of events which had a material effect on the issuer's operations and results in the financial year or which may have a material effect on the issuer's operations in future years

Section 6 includes a detailed analysis of important events with a bearing on the Company's operations and financial performance. All of them are typical for the Company's business.

22. Overview of external and internal factors significant to the development of the issuer's business and description of the development prospects until at least the end of the financial year following the financial year for which the financial statements included in the annual report have been prepared, taking into consideration the issuer's market strategy, and an overview of the development policy of the issuer's group

## External and internal factors affecting the Group's growth

More information on the Company's growth prospects in the context of changes in its business environment and the new RES Act is presented in the section concerning risk factors and on its website at:

http://polenergia.pl/pol/pl/page-prezentacje

#### Description of the Group's business growth prospects

The Group keeps exploring potential avenues for further growth, taking into account the changing legal, regulatory and market environments.

Currently, the Group is focused on:

- further optimising its operating costs and improving asset efficiency,
- developing new projects, particularly offshore wind power projects, and preparing its portfolio of onshore wind farms and a biomass project for auctioning,
- pursuing initiatives in photovoltaics for existing customers and vehicle charging stations,
- implementing an investment project in the distribution area (which targets a 26% increase of the Regulatory Assets Base and a 58% growth in the number of customers connected to the Company's network on a permanent basis),
- intensifying efforts to enhance energy sales to customers not connected to the Company's network.

More information on the Group's business development policy is available on the Company's website at:

http://www.polenergia.pl/pol/pl/page-prezentacje

## 23. Changes in basic management rules of the issuer and its group

In the financial year 2016, there were no changes to the basic management rules of the Company or the Group.



24. Agreements concluded between the issuer and its management staff, providing for compensation in the event of resignation or removal from office without a good reason, or when resignation or removal from office is caused by acquisition of the issuer by another company

Mr Jacek Głowacki is party to an employment contract concluded with the Company. The contract is for an indefinite term. It may be terminated upon six months' notice. Furthermore, Mr Jacek Głowacki is a party to a non-competition agreement that obliges the Company to pay him an amount equal to 100% of his remuneration for 12 months as compensation for refraining from any activities that would compete with the Company's business.

Mr Bartłomiej Dujczyński is party to an employment contract concluded with the Company. The contract is for an indefinite term. It may be terminated upon twelve months' notice. Furthermore, Mr Bartłomej Dujczyński is a party to a non-competition agreement that obliges the Company to pay him an amount equal to 100% of his remuneration over 6 months as compensation for refraining from activities that would compete with the Company's business, with the proviso that the Company may waive the agreement.

Mr Michał Michalski is party to an employment contract concluded with the Company. The contract is for an indefinite term. It may be terminated upon three months' notice. Furthermore, Mr Michalski is a party to a non-competition agreement that obliges the Company to pay him an amount equal to 100% of his remuneration over 12 months as compensation for refraining from activities that would compete with the Company's business, with the proviso that the Company may waive the agreement.

25. Value of remuneration, bonuses or benefits, including those under incentive or bonus schemes based on the issuer's equity, including schemes based on bonds with preemptive rights, convertible bonds, subscription warrants (in cash, in kind or in any other form), paid, payable or potentially payable, separately for each member of the issuer's management and supervisory body, recognised as costs or resulting from distribution of profit; if the issuer is the parent, shareholder in a jointly-controlled entity or significant investor – separately, information on the value of remuneration and bonuses received for the performance of functions in the governing bodies of subsidiaries; if relevant information is presented in the financial statements – the obligation is deemed fulfilled by referring to the part of the financial statements in which such information is provided

For the remuneration of members of the management and supervisory bodies, see Note 44 to the financial statements.

26. Total number and nominal value of all shares of the issuer and shares in the issuer's related entities, held by members of the issuer's management and supervisory bodies (separately for each person)

Members of the Company's Management and Supervisory Boards as at the date of issue of the annual report did not hold any shares in the parent.

27. Agreements known to the issuer (including those concluded after the end of the reporting period) which may result in changes in the proportions of shares held by the current shareholders and bondholders

The Company is not aware of any agreements which may result in a future change to the current shareholder structure.

28. Employee stock ownership plan control system

The Company currently does not have any employee stock ownership plan in place.



## 29. Information on:

a) the date of entering into an agreement with an entity authorised to audit financial statements, on audit or review of financial statements or consolidated financial statements, and the term of the agreement

Agreement of July 15th 2015 between Polenergia S.A. and PricewaterhouseCoopers Sp. z o.o., with its registered office at Al. Armii Ludowej 14, Warsaw, Poland, providing for:

- review of the interim separate and consolidated financial statements for the periods ended June 30th 2015, June 30th 2016 and June 30th 2017,
- audit of the separate and consolidated financial statements for the years ended December 31st 2015, December 31st 2016 and December 31st 2017.
- b) Remuneration of entity authorised to audit financial statements, paid or payable for the financial year

For total remuneration under the agreements, see Note 47 to the separate financial statements.

30. Material off-balance-sheet items by entity, type and value

Off-balance-sheet items by entity, type and value are presented in Note 31 to the financial statements.