


# PHOTON ENERGY N.V. MONTHLY REPORT

January 2020

for the period from 1 to 31 January 2020

MATERIAL				INDEX	X	AMEND.
THINFILM	290				X	
INSPECTION	1000		[ISO E]		X	
TOLERANCE NORM ISO 8015:			YES		X	
PRECISION ISO...					X	
CONCEPT			NORM.REF.			
DESIGN			EXAMINED			
			APPROVED			
		NAME		TYPE		

## 1. Information on the occurrence of trends and events in the market environment of the Issuer, which in the Issuer's opinion may have important consequences in the future for the financial condition and results of the Issuer

### 1.1 Production results of Photon Energy N.V.'s power plants in the reporting period

In January 2020 electricity generation results of Photon Energy's proprietary PV power plants amounted to 1.8 GWh, which was 6.9% above the monthly energy forecasts. The performance of power plants on local markets varied with Czech power plants outperforming the energy forecasts by 63.1% and Slovak power plants delivering solid output with the total production 12.8% above the energy forecasts. Power plants in Hungary and Australia underperformed due to weather conditions the energy forecasts by 9.2% and 28.2%, respectively.

At the beginning of 2020 the Group's global proprietary portfolio of PV power plants amounted to 51.7 MWp versus 31.6 MWp a year earlier (+63.6% YOY). Those new additions to the Hungarian proprietary portfolio during the course of the last year have boosted electricity generation in January 2020 by 105.2% year-on-year.

For more information, please refer to chapter 2. Proprietary PV plants.

### 1.2 Photon Energy signed an O&M agreement for 17.6 MWp in Hungary

In January 2020 Photon Energy Operations HU Kft., the Hungarian Operations & Maintenance (O&M) subsidiary of Photon Energy N.V., signed an agreement for the provision of operations and maintenance services for a 17.6 MWp PV power plant located in Hungary.

With this latest addition, Photon Energy Group is currently providing O&M services to 65.2 MWp of PV power plants in Hungary, reinforcing its position in its second largest O&M market after the Czech Republic. In total, Photon Energy is providing O&M services to over 293 MWp of PV power plants located across ten European countries.

## 2. Proprietary PV plants

The table below represents power plants owned directly or indirectly by Photon Energy N.V. as of the date of the report.

**Table 1. Production results in January 2020**

Project name	Capacity	Feed-in-Tariff	Prod. 2020 January	Proj. 2020 January	Perf.	YTD Prod.	YTD Proj.	Perf.	YTD YoY
Unit	kWp	per MWh, 2019	kWh	kWh	%	kWh	kWh	%	%
Komorovice	2,354	CZK 14,530	79,801	46,662	71.0%	79,801	46,662	71.0%	63.7%
Zvíkov I	2,031	CZK 14,530	84,701	40,898	107.1%	84,701	40,898	107.1%	24.9%
Dolní Dvořiště	1,645	CZK 14,530	64,861	34,023	90.6%	64,861	34,023	90.6%	68.6%
Svatoslav	1,231	CZK 14,530	37,720	25,269	49.3%	37,720	25,269	49.3%	25.7%
Slavkov	1,159	CZK 14,530	31,682	24,063	31.7%	31,682	24,063	31.7%	-6.0%
Mostkovice SPV 1	210	CZK 14,530	6,123	6,260	-2.2%	6,123	6,260	-2.2%	14.4%
Mostkovice SPV 3	926	CZK 15,610	22,154	19,439	14.0%	22,154	19,439	14.0%	9.9%
Zdice I	1,499	CZK 14,530	55,793	29,995	86.0%	55,793	29,995	86.0%	30.1%
Zdice II	1,499	CZK 14,530	57,602	29,995	92.0%	57,602	29,995	92.0%	32.7%
Radvanice	2,305	CZK 14,530	56,413	46,188	22.1%	56,413	46,188	22.1%	0.7%
Břeclav rooftop	137	CZK 14,530	4,495	4,586	-2.0%	4,495	4,586	-2.0%	6.3%
<b>Total Czech PP</b>	<b>14,996</b>		<b>501,345</b>	<b>307,380</b>	<b>63.1%</b>	<b>501,345</b>	<b>307,380</b>	<b>63.1%</b>	<b>28.3%</b>
Babiná II	999	EUR 425.12	27,276	25,753	5.9%	27,276	25,753	5.9%	23.6%
Babina III	999	EUR 425.12	28,276	25,753	9.8%	28,276	25,753	9.8%	21.7%
Prša I.	999	EUR 425.12	20,704	20,172	2.6%	20,704	20,172	2.6%	-33.0%
Blatna	700	EUR 425.12	16,200	21,322	-24.0%	16,200	21,322	-24.0%	-13.4%
Mokra Luka 1	963	EUR 382.61	42,966	32,989	30.2%	42,966	32,989	30.2%	-0.8%
Mokra Luka 2	963	EUR 382.61	45,773	32,989	38.8%	45,773	32,989	38.8%	-1.7%
Jovice 1	979	EUR 382.61	20,911	19,275	8.5%	20,911	19,275	8.5%	-19.3%
Jovice 2	979	EUR 382.61	20,746	19,275	7.6%	20,746	19,275	7.6%	-19.7%
Brestovec	850	EUR 382.61	28,509	25,694	11.0%	28,509	25,694	11.0%	25.4%
Polianka	999	EUR 382.61	25,446	19,669	29.4%	25,446	19,669	29.4%	62.6%
Myjava	999	EUR 382.61	32,364	31,180	3.8%	32,364	31,180	3.8%	57.6%
<b>Total Slovak PP</b>	<b>10,429</b>		<b>309,171</b>	<b>274,069</b>	<b>12.8%</b>	<b>309,171</b>	<b>274,069</b>	<b>12.8%</b>	<b>4.7%</b>
Tizsakécske 1	689	HUF 32,590	25,869	30,098	-14.1%	25,869	30,098	-14.1%	15.5%
Tizsakécske 2	689	HUF 32,590	26,265	31,064	-15.4%	26,265	31,064	-15.4%	17.2%
Tizsakécske 3	689	HUF 32,590	26,388	30,029	-12.1%	26,388	30,029	-12.1%	17.2%
Tizsakécske 4	689	HUF 32,590	26,435	31,064	-14.9%	26,435	31,064	-14.9%	17.7%
Tizsakécske 5	689	HUF 32,590	26,869	31,064	-13.5%	26,869	31,064	-13.5%	17.9%
Tizsakécske 6	689	HUF 32,590	25,300	30,098	-15.9%	25,300	30,098	-15.9%	15.5%
Tizsakécske 7	689	HUF 32,590	25,505	29,343	-13.1%	25,505	29,343	-13.1%	18.0%
Tizsakécske 8	689	HUF 32,590	22,716	27,512	-17.4%	22,716	27,512	-17.4%	46.9%
Almásfűzitő 1	695	HUF 32,590	22,732	29,772	-23.6%	22,732	29,772	-23.6%	na
Almásfűzitő 2	695	HUF 32,590	21,325	29,695	-28.2%	21,325	29,695	-28.2%	na
Almásfűzitő 3	695	HUF 32,590	24,591	29,148	-15.6%	24,591	29,148	-15.6%	na
Almásfűzitő 4	695	HUF 32,590	23,014	29,998	-23.3%	23,014	29,998	-23.3%	na
Almásfűzitő 5	695	HUF 32,590	25,991	29,243	-11.1%	25,991	29,243	-11.1%	na
Almásfűzitő 6	660	HUF 32,590	24,780	28,167	-12.0%	24,780	28,167	-12.0%	na
Almásfűzitő 7	691	HUF 32,590	23,999	29,030	-17.3%	23,999	29,030	-17.3%	na
Almásfűzitő 8	668	HUF 32,590	22,863	28,720	-20.4%	22,863	28,720	-20.4%	na
Nagyecséd 1	689	HUF 32,590	28,776	28,271	1.8%	28,776	28,271	1.8%	na
Nagyecséd 2	689	HUF 32,590	28,320	28,271	0.2%	28,320	28,271	0.2%	na

Project name	Capacity	Feed-in-Tariff	Prod. 2020 January	Proj. 2020 January	Perf.	YTD Prod.	YTD Proj.	Perf.	YTD YoY
Unit	kWp	per MWh, 2019	kWh	kWh	%	kWh	kWh	%	%
Nagyecsed 3	689	HUF 32,590	28,694	27,940	2.7%	28,694	27,940	2.7%	na
Fertod I	528	HUF 32,590	20,091	21,339	-5.8%	20,091	21,339	-5.8%	1.7%
Fertod II No 2	699	HUF 32,590	30,519	29,070	5.0%	30,519	29,070	5.0%	na
Fertod II No 3	699	HUF 32,590	30,567	29,070	5.2%	30,567	29,070	5.2%	na
Fertod II No 4	699	HUF 32,590	30,603	29,070	5.3%	30,603	29,070	5.3%	na
Fertod II No 5	691	HUF 32,590	30,325	30,858	-1.7%	30,325	30,858	-1.7%	na
Fertod II No 6	699	HUF 32,590	30,156	29,070	3.7%	30,156	29,070	3.7%	na
Kunszentmárton I No 1	697	HUF 32,590	28,668	31,139	-7.9%	28,668	31,139	-7.9%	na
Kunszentmárton I No 2	697	HUF 32,590	27,332	31,172	-12.3%	27,332	31,172	-12.3%	na
Taszár 1	701	HUF 32,590	39,063	35,264	10.8%	39,063	35,264	10.8%	na
Taszár 2	701	HUF 32,590	39,599	35,264	12.3%	39,599	35,264	12.3%	na
Taszár 3	701	HUF 32,590	39,468	35,264	11.9%	39,468	35,264	11.9%	na
Monor 1	688	HUF 32,590	24,168	28,139	-14.1%	24,168	28,139	-14.1%	na
Monor 2	696	HUF 32,590	24,146	28,421	-15.0%	24,146	28,421	-15.0%	na
Monor 3	696	HUF 32,590	22,879	28,421	-19.5%	22,879	28,421	-19.5%	na
Monor 4	696	HUF 32,590	23,657	28,421	-16.8%	23,657	28,421	-16.8%	na
Monor 5	688	HUF 32,590	24,334	27,708	-12.2%	24,334	27,708	-12.2%	na
Monor 6	696	HUF 32,590	24,350	28,421	-14.3%	24,350	28,421	-14.3%	na
Monor 7	696	HUF 32,590	23,837	28,421	-16.1%	23,837	28,421	-16.1%	na
Monor 8	696	HUF 32,590	24,137	28,421	-15.1%	24,137	28,421	-15.1%	na
<b>Total Hungarian PP</b>	<b>26,136</b>		<b>1,018,332</b>	<b>1,121,478</b>	<b>-9.2%</b>	<b>1,018,332</b>	<b>1,121,478</b>	<b>-9.2%</b>	<b>432.3%</b>
Symonston	144	AUD 301.60	16,212	22,595	-28.2%	16,212	22,595	-28.2%	-25.3%
<b>Total Australian PP</b>	<b>144</b>		<b>16,212</b>	<b>22,595</b>	<b>-28.2%</b>	<b>16,212</b>	<b>22,595</b>	<b>-28.2%</b>	<b>-25.3%</b>
<b>Total</b>	<b>51,705</b>		<b>1,845,060</b>	<b>1,725,522</b>	<b>6.9%</b>	<b>1,845,060</b>	<b>1,725,522</b>	<b>6.9%</b>	<b>105.2%</b>

Notes:

Capacity: installed capacity of the power plant  
 Prod.: production in the reporting month - Proj.: projection in the reporting month  
 Perf.: performance of the power plant in reporting month i.e. (production in Month / projection for Month) - 1.  
 YTD Prod.: accumulated production year-to-date i.e. from January until the end of the reporting month.

YTD Proj.: accumulated projection year-to-date i.e. from January until the end of the reporting month  
 Perf. YTD: performance of the power plant year-to-date i.e. (YTD prod. in 2020/ YTD proj. in 2020) - 1  
 YoY ratio: (YTD Prod. in 2020/ YTD Prod. in 2019) - 1. YTD Prod..

Chart 1.a Total production of the Czech portfolio

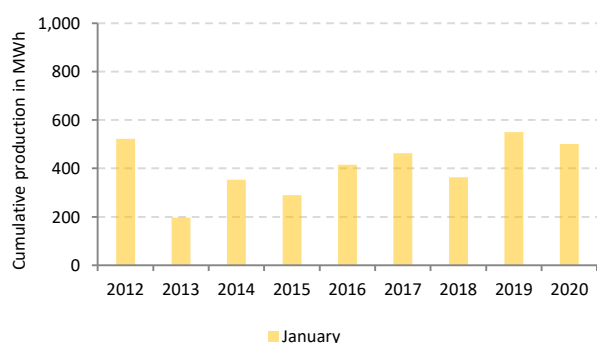
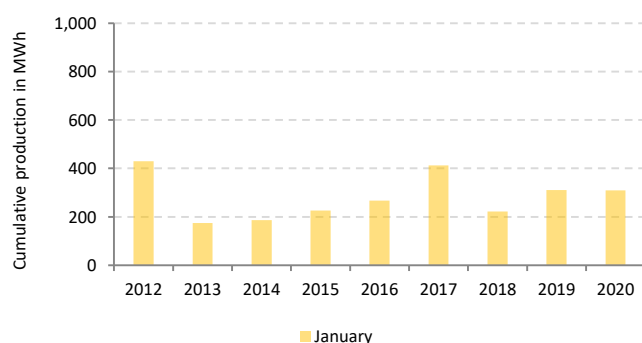
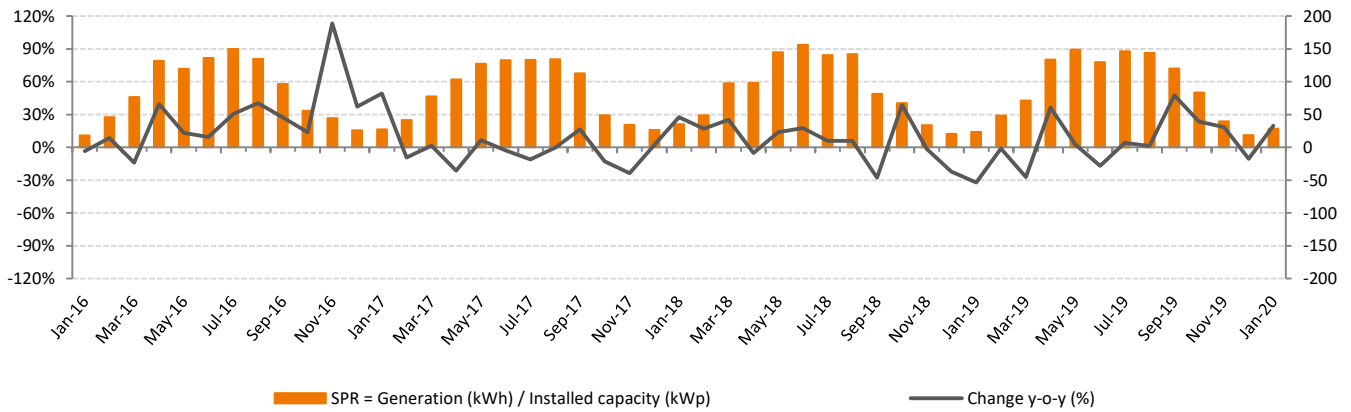


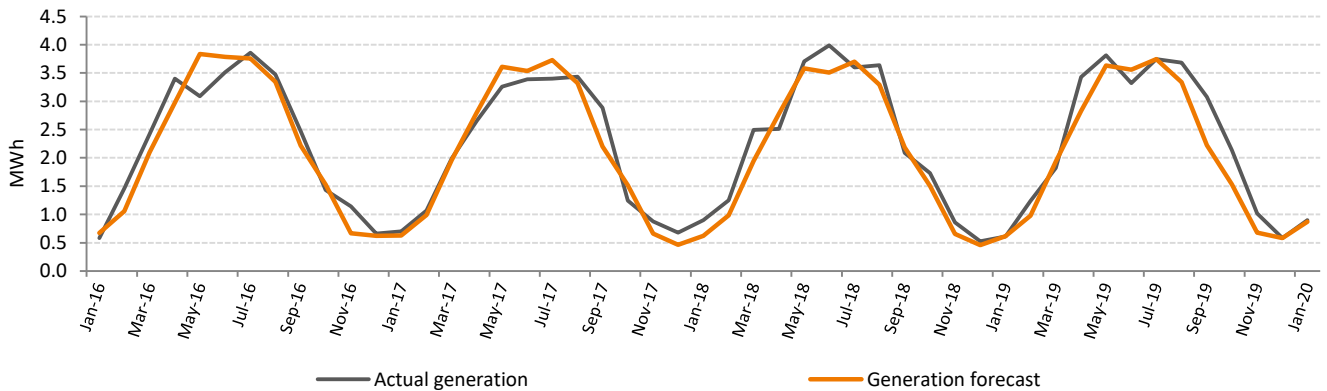
Chart 1.b Total production of the Slovak portfolio



**Chart 2. Generation results versus forecast between 1 January 2016 and 31 January 2020**



**Chart 3. Specific Performance Ratio between 1 January 2016 and 31 January 2020**



*Specific Performance Ratio is a measure of efficiency which shows the amount of kWh generated per 1 kWp of installed capacity and enables the simple comparison of year-on-year results and seasonal fluctuations during the year.*

In January 2020 generation results of Photon Energy’s proprietary PV power plants amounted to 1.8 GWh of electricity produced globally, which was 6.9% above the monthly energy forecasts. The performance of power plants on local markets varied with Czech power plants outperforming the energy forecasts by 63.1% and Slovak power plants delivering solid output with the total electricity production 12.8% above the energy forecasts. Power plants in Hungary and Australia underperformed due to weather conditions energy forecasts by 9.2% and 28.2% , respectively.

The additions of new Hungarian power plants during the course of year 2019 have boosted Photon Energy’s electricity generation by 105.2% year-on-year.

The specific performance ratio of the proprietary portfolio (SPR) amounted to 36 KWh/kWp compared to 28 KWh/kWp, up by 25.4% year-on-year.

### 3. Reporting on Photon Energy’s project pipeline

As of the publishing date of this report, Photon Energy is developing PV projects in Australia (738 MWp) and Hungary (23.2 MWp) and is evaluating further markets for opportunities.

Project development is a crucial activity in Photon Energy’s business model of covering the entire value chain of PV power plants. The main objective of project development activities is to expand the PV proprietary portfolio, which provides recurring revenues and free cash flows to the Group. For financial or strategic reasons Photon Energy may decide to cooperate with third-party investors either on

a joint-venture basis or with a goal of exiting the projects to such investors entirely. Ownership of project rights provides Photon Energy with a high level of control and allows locking in EPC (one-off) and O&M (long-term) services. Hence, project development is a key driver of Photon Energy’s future growth. The Group’s experience in project development and financing in the Czech Republic, Slovakia, Germany and Italy is an important factor in selecting attractive markets and reducing the inherent risks related to project development.

Country	Location	Project function	Share	MWp	Commercial Model	Land	Grid connection	Construction permit	Expected RTB
Hungary	Tata	Own portfolio	100%	5.5	Licensed PPA	Secured	Secured	Secured	Under construction
Hungary	Mályi	Own portfolio	100%	2.1	Licensed PPA	Secured	Secured	Secured	Under construction
Hungary	Püspökladány	Own portfolio	100%	14.2	Contr.-for-Diff. <sup>1</sup>	Secured	Secured	Secured	2020Q1
Hungary	Kunszentmárton II	Own portfolio	100%	1.4	Contr.-for-Diff. <sup>1</sup>	Secured	Secured	Secured	2019Q4
<b>Total Own portfolio Hungary</b>				<b>23.2</b>					
Australia	Leeton	Own portfolio	100%	14.0	Retailer PPA	Secured	Secured	Secured	2020Q2
<b>Total Own portfolio Australia</b>				<b>14.0</b>					
<b>Total Own portfolio</b>				<b>37.2</b>					
Australia	Gunning	Developer	49%	220	Co-development & financing agreement with Canadian Solar	Secured	Ongoing	Ongoing	2020Q2
Australia	Maryvale	Developer	25%	160		Secured	Ongoing	Secured	2020Q2
Australia	Suntop 2	Developer	25%	200		Ongoing	Ongoing	Ongoing	2020Q2
Australia	Carrick	Developer	51%	144	All options open	Secured	Ongoing	Ongoing	2020Q2
<b>Total Development Australia</b>				<b>724</b>					

*Contr.-for-Diff stands for 'Contract for difference' and is a revenue model in form of electricity sales on the electricity spot market plus the compensation of the difference to a guaranteed Feed-in-Tariff.*

PV projects have two definitions of capacity. The grid connection capacity is expressed as the maximum of kilowatts or megawatts which can be fed into the grid at any point in time. Electricity grids run on alternating current (AC). Solar modules produce direct current (DC), which is transformed into AC by inverters. Heat, cable lines, inverters and transformers lead to energy losses in the system between the solar modules and the grid connection point. Cumulatively system losses typically add up to 15-20%. Therefore, for a given grid connection capacity a larger module capacity (expressed in Watt peak – Wp) can be installed without exceeding the grid connection limit. At times of extremely high production, inverters can reduce the volume of electricity so that the plant stays within the grid connection limits. Photon Energy will refer to the installed DC capacity of projects expressed in Megawatt peak (MWp) in its reporting, which might fluctuate over the project development process.

## Australia

As of the date of publishing this report, Photon Energy has five large scale solar farms at different stages of development in New South Wales ("NSW"). The project pipeline is still among the largest pipelines of Solar projects in NSW representing a total planned capacity of 738 MWp.

In January 2018, as a result of its development partner selection process managed by its financial advisor Pottinger, the company has signed an agreement for the joint development of five utility-scale solar projects in New South Wales, Australia with Canadian Solar, one of the world's largest solar power companies. Canadian Solar has become a co-shareholder in the project companies and is providing development financing to complete the development of

these projects. Canadian Solar acquired a 51% shareholding in all five project companies. The equity capital contributed by Canadian Solar is subject to certain development milestones, joint management processes and other terms customary for project co-development and covers the development budgets to bring all five projects to the ready-to-build stage. Post-transaction, Photon Energy NV retains a 49% stake in the Gunning project and 24.99% stakes in the four other projects.

To date, Photon Energy sold stakes in two out of five projects jointly developed with Canadian Solar Inc. i.e.:

- 25% stake in the first co-developed project Suntop 1 with a total planned capacity of 189 MWp, which was sold to Canadian Solar Inc on 30 July 2019. This transaction was concluded and settled in 2019Q3.
- 25% stake in the second co-developed project Gunnedah with a total planned capacity of 146 MWp, which was sold to Canadian Solar Inc. on 30 August 2019. This transaction was concluded in 2019Q3 and settled in 2019Q4.

The current status for other projects being co-developed with Canadian Solar is summarized below:

- ▶ **Gunning (220 MWp):** The process of securing construction permit is undergoing. We have redefined and redesigned the project layout to include battery storage. This had an impact on the site assessment and hence feasibility studies and public consultations had to be postponed. We plan to submit the Environmental Impact Studies (EIS) in Q1 2020. In parallel we are in discussions with Transgrid regarding the grid connection specifications. GPS studies will follow.
- ▶ **Maryvale (160 MWp):** The construction permitting process has been finalized and Development Approval was granted on 4

December 2019. The grid connection options are still under review and in discussion with Essential Energy. We are currently completing the electrical connection process, which is continuing. GPS will start upon finalizations of those discussions.

- ▶ **Suntop 2 (200 MWp):** Suntop2 is the replacement of the Mumbil Solar Farm project which development was stopped due to significant issues related to aspects such as soil erosion, aboriginal heritage protection and challenges of waterways in the location of Mumbil. For the Suntop2 project the construction permitting process is still undergoing. Feasibility studies and community consultations have been finalized and EIS were submitted to NSW DP&E in November 2019. We received the first comments and are providing additional information to complete EIS. We plan to resubmit it in March 2020. The grid connection application will start upon completion of EIS.
- ▶ **Brewongle (146 MWp):** On 27 December 2019 Photon Energy sold its 51% stake in the project company which holds all project rights for the Brewongle Solar Farm to an undisclosed buyer. The project was still at the early stage of the development and is expecting the Development Approval to be granted in the course of year 2020. The financial terms were agreed not

to be disclosed but the impact of this transaction was booked as Disposal of Investments in Q4 2019 Profit and Loss Statement.

The current status of other projects developed by Photon Energy is summarized below:

- ▶ **Leeton (14 MWp):** In response to tightening the grid connection standards, a revised system size of 2 times 5 MW AC each (7 MWp DC in total) has been re-designed for single axis tracking and is now being proposed to Transgrid. Consequently, the changes had to be incorporated into EIS and submitted to the local council for review and approval, which was granted in February 2019. The grid connection specifications have also been finalized. Currently we are in the process of negotiating with potential parties conditions of Power Purchase Agreements and long-term project financing. Once this is secured we will start construction works.
- ▶ **Carrick (144 MWp):** The construction permitting process is in the preparation phase. EIS are being carried out in a manner of public consultations and feasibility studies. The grid connection specifications are being defined with Essential Energy.

Glossary of terms	Definitions
NSW Department for Planning and Environment (DP&E)	NSW DP&E is a government agency in charge of planning and development of New South Wales, to ensure the balance between the commercial business development and the needs of local communities. Each project submitted to DP&E must include environmental impact studies (EIS) and once it is reviewed by DP&E, the project is published and available for the public opinion to submit their comments. If the project is rejected by more than 25 people it is moved to Independent Planning Committee (IPC) for review. If there is no public opposition, the project is approved and DP&E issues the project Development Approval (DA)
Independent Planning Committee (IPC)	In case more than 25 public petitions against the project are submitted, IPC needs to investigate further into social and environmental impact of the project. IPC might make some recommendations to be made to the project plan to secure the issuance of DA.
Essential Energy	Essential Energy is Distribution Network Service Provider, which operates and manages low voltage electricity network in NSW. The process to secure the grid connection with Essential Energy includes GPS and AEMO's license.
Transgrid	Transgrid is a Distribution Network Service Provider (DNSP), which operates and manages the NSW high voltage transmission network. Transgrid, in co-operation with Australian Energy Market Operator (AEMO, see description below), is in charge of grid connection approval. To issue its decision Transgrid requires Generation Protection Studies (GPS). GPS is a complete analysis and tests of the impact that a potential power plant would have on the grid. Each power plant is tested under different assumptions (extreme weather conditions, demand/supply changes etc.) and its performance/impact on the grid's stability is thoroughly analysed. Once GPS are completed and accepted, Transgrid is issuing grid connection terms. Those terms are part of the agreement signed with Transgrid, which together with AEMO license secures and finalizes the grid connection process.
Australian Energy Market Operator (AEMO)	AEMO is responsible for operating Australia's largest gas and electricity markets and power systems. AEMO is overlooking all energy producers in NSW and is involved in the process of grid connection approval. AEMO reviews the grid connection terms and GPS studies and issues the license to feed electricity to the grid. AEMO also controls the on-going power generation to make sure that grid stability is maintained.

## Hungary

As of the date of publishing this report, Photon Energy has 23 projects in the pipeline with a total planned capacity of 23.1 MWp. Below is a short summary of projects in the pipeline and the progress achieved in the reporting period.

- Tata (5.5 MWp):** Photon Energy owns five project companies with all land, grid connection capacity rights and KÁT licenses required for the construction of eight PV power plants with a total installed capacity of 5.5 MWp near the North-Western Hungarian municipality of Tata. Six of the eight projects will be build using single-axis tracking substructures. The Tata projects are currently under construction:

### Tata – Work in progress



#### Construction status:

The land preparation, low voltage electrical works and substructures are finalized. The excavation works are completed and the grid connection line is done. Low voltage electrical works and perimeter grounding are also completed. The modules were mounted on both fixed and tracking substructures. Middle voltage line is completed and transformer stations are being installed.

All eight power plants shall be completed and grid-connected until the beginning of March 2020.

- Mályi (2.1 MWp):** Photon Energy NV owns three PV projects with a total planned capacity of 2.1 MWp in the municipality of Mályi, close to Miskolc in the north of the country. Each project company owns a KÁT license entitling it to a feed-in-tariff of some HUF 32,590 per MWh (approx. EUR 98 per MWh) over a period of 25 years with a maximum approved and supported production of 16,500 MWh per license. The acquired PV projects are currently under construction:

### Mályi – Work in progress



#### Construction status:

The land preparation works, including access road and inner road are finished. Low voltage cable is placed while the middle voltage cables and connections will be finalized within two weeks. Modules are mounted on the substructures. Switching station and transformers are installed. The connection line is still to be finalized in the course of the upcoming month.

The projects are to be completed and grid-connected in March 2020.

- Püspökladány (14.2 MWp):** In May 2019 Photon Energy NV acquired ten additional PV projects with a total planned installed DC capacity of 14.2 MWp in the municipality of Püspökladány, in the Hajdú-Bihar region in the east of the country. The transaction involves the acquisition of four project companies, owning ten METÁR licenses in total entitling them to a feed-in-tariff (in the form of electricity sales on the energy spot market plus a contract-for-difference) of HUF 32,590 per MWh (approx. EUR 98 per MWh) over a period of 17 years and 11 months for five of the ten projects, with a maximum approved and supported production of 34,913 MWh for each license, and 15 years and 5 months for the remaining five projects, with a maximum approved and supported production of 29,955 MWh for each license.

The acquired PV projects are expected to be ready-to-build in Q1 2020 as we are still waiting for the mid-voltage construction permit, which is in-progress.

- Kunszentmárton II (1.4 MWp):** Photon Energy NV acquired four PV projects with a total planned capacity of 2.8 MWp in the municipality of Kunszentmárton, in Central Hungary. In the reporting period Photon Energy constructed and grid connected two out of four projects, which owned KÁT license (ESPI 27/2019). The remaining two projects (hereafter named Kunszentmárton II) owning KÁT-METÁR licenses and entitling to a feed-in-tariff of HUF 32,590 per MWh (approx. EUR 98 per MWh) over a period of 17 years and 4 months are still in the pipeline. The maximum approved and supported production amounts to 13,832 MWh per KÁT-METÁR license respectively.

The construction of the two remaining KÁT-METÁR licensed projects is planned to start during Q1 2020.

The current project pipeline in Hungary consists of 23 projects with a total planned capacity of 23.1 MWp. Together with our existing portfolio of 26.1 MWp operating PV plants, we have secured a 49.2 MWp portfolio in Hungary. The new target assumes the expansion of our portfolio pipeline in Hungary up to 75MWp until year-end 2021, across the support schemes of KÁT, KÁT-METÁR and METÁR licenses.

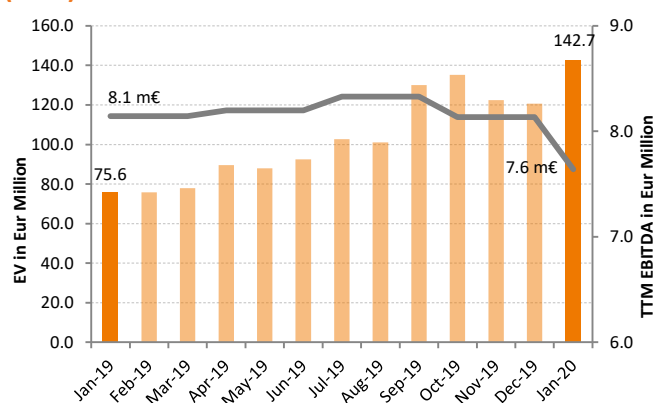


## 4. Enterprise value & Share price performance

### 4.1 NewConnect (Warsaw Stock Exchange)

On 31 January 2020 the share price (ISIN NL0010391108) closed at the level of PLN 6.10 (+27.6% MoM, +231.5% YOY), corresponding to a price to book ratio of 2.01. The monthly trading volume was exceptionally strong and amounted to 607,696 shares (vs. an average of 243,549 during the past twelve months).

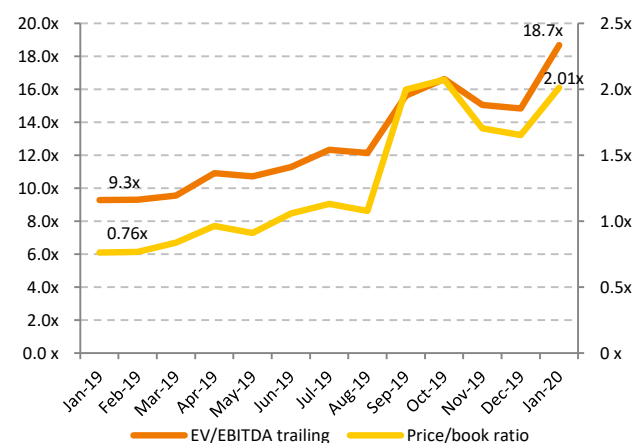
**Chart 4. Enterprise value vs. trailing 12 months (TTM) EBITDA**



**Notes:**

*EV – Enterprise value is calculated as the market capitalisation as of the end of the reporting month, plus debt, plus minority interest, minus cash. All the balance sheet data are taken from the last quarterly report.*  
*Trailing 12 months EBITDA – defined as the sum of EBITDA reported in the last four quarterly reports; i.e. as of 31.12.2019, the sum of EBITDA reported in Q1 2019, Q2 2019, Q3 2019 and Q4 2019.*

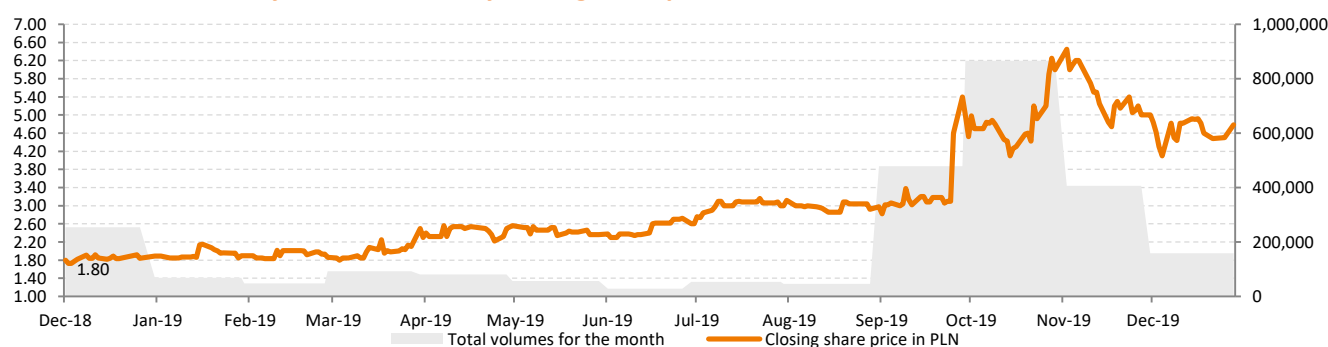
**Chart 5. Enterprise value / trailing 12 months EBITDA and price to book ratio**



*Price/book ratio – is calculated by dividing the closing price of the stock as of the end of the reporting period by the book value per share reported in the latest quarterly report.*

*EV/EBITDA ratio – is calculated by dividing the Enterprise Value by the Trailing 12 months (TTM) EBITDA.*

**Chart 6. Total monthly volumes vs. daily closing stock prices**



### 4.2 Free Market (Prague Stock Exchange)

Since 17 October 2016, in addition to the listing on the NewConnect segment of the Warsaw Stock Exchange, the Company's shares have also been traded on the Free Market of the Prague Stock Exchange. No additional shares have been issued, nor any new equity capital raised through this listing.

On 31 January 2020 the share price (ISIN NL0010391108) closed at a level of CZK 40.40 (-3.8% compared to last month,

+724.5% vs CZK 4.90, the reference price on the first trading day on 17 October 2016), corresponding to a price to book ratio of 2.27x. The Company reports a monthly trading volume of 38,371 shares in January, compared to an average monthly trading volume of 18,130 shares during the past twelve months.

## 5. Bond trading performance

In December 2016 the Company issued a 7-year corporate bond with a 6% annual coupon and monthly payment in the Czech Republic. The corporate bond (ISIN CZ0000000815) with a nominal value of CZK 30,000 has been traded on the Free Market of the Prague Stock Exchange since 12 December 2016.

On 27 October 2017 the Company issued a 5-year corporate EUR bond with a 7.75% annual coupon and quarterly coupon payments in Germany, Austria and Luxemburg. The original target volume of EUR 30 million has been subscribed to in full on 7 September 2018, before the end of the public placement

period originally set until 20 September 2018. The corporate bond (ISIN DE000A19MFH4) with a nominal value of EUR 1,000 has been traded on the Open Market of the Frankfurt Stock exchange since 27 October 2017. The bond is also listed on the stock exchanges in Berlin, Hamburg, Hannover, Munich and Stuttgart.

On 5 August 2019 the Company placed additional EUR 7.5 million, increasing the outstanding bond volume to a total of EUR 37.5 million. All other parameters remain unchanged.

### 5.1 EUR Bond 2017-22 trading performance

#### EUR Bond 2017-22 trading performance to date

In the trading period from 25 October 2017 until 31 January 2020, the trading volume amounted to EUR 36.944 million (nominal value, including the volume traded in Berlin, Munich & Stuttgart) with an opening price of 100.00 and a closing price of 105.70 in Frankfurt. During this period the average daily turnover amounted to EUR 64,928.

#### EUR Bond 2017-22 trading performance in January 2020

In January 2020 the trading volume amounted to EUR 379,000 with an opening price of 106.75 and a closing price of 105.70 in Frankfurt. The average daily turnover amounted to EUR 17,227.

Chart 7. The Company's EUR bond 2017-2022 trading on the Frankfurt Stock Exchange in Germany

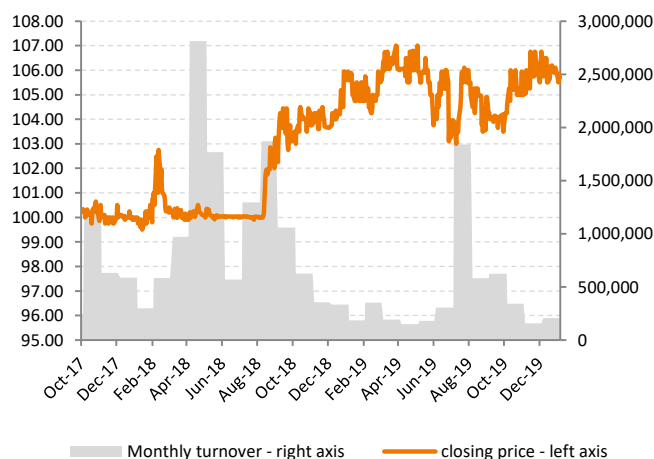
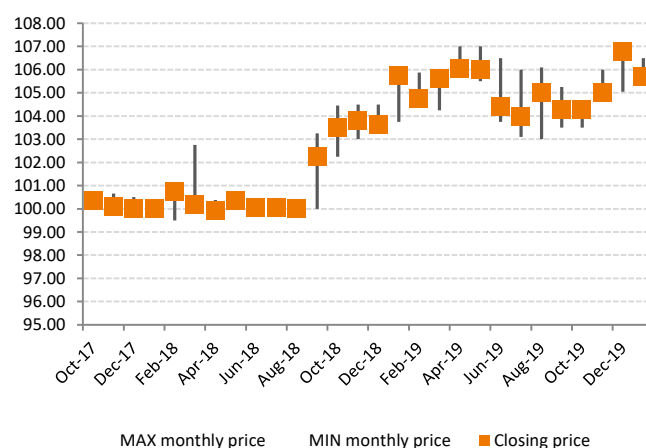


Chart 8. MIN, MAX and closing monthly prices



### 5.2 CZK Bond 2016-23 trading performance in Prague

In the trading period from 12 December 2016 until 31 January 2020 the trading volume amounted to CZK 10.200 million with a closing price of 100.00.

## 6. Summary of all information published by the Issuer as current reports for the period covered by the report

In the period covered by this report the following current reports have been published in the EBI (Electronic Database Information) system of Warsaw Stock Exchange:

- ▶ **EBI 1/2020** published on 14 January 2020: Monthly report for December 2019
- ▶ **EBI 2/2020** published on 12 February 2020: Quarterly report for Q4 2019

After the period covered by this report there have been no reports published in the EBI (Electronic Database Information) system of Warsaw Stock Exchange.

In the period covered by this report and after the reporting period there have been no reports published in the ESPI (Electronic Information Transmission System) system of Warsaw Stock Exchange.

## 7. Information how the capital raised in the private placement was used in the calendar month covered by the report. If any of the contributed capital was spent in the given month

Not applicable.

## 8. Investors' calendar

- ▶ 12 March 2020 Monthly report for February 2020
- ▶ 14 April 2020 Monthly report for March 2020
- ▶ 12 May 2020 Entity and consolidated quarterly reports for Q1 2020
- ▶ 14 May 2020 Monthly report for April 2020
- ▶ 11 June 2020 Monthly report for May 2020
- ▶ 14 July 2020 Monthly report for June 2020
- ▶ 12 August 2020 Entity and consolidated quarterly reports for Q2 2020
- ▶ 14 August 2020 Monthly report for July 2020
- ▶ 14 September 2020 Monthly report for August 2020
- ▶ 14 October 2020 Monthly report for September 2020
- ▶ 12 November 2020 Entity and consolidated quarterly reports for Q3 2020
- ▶ 13 November 2020 Monthly report for October 2020
- ▶ 14 December 2020 Monthly report for November 2020

## 9. Investor relations contact

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Amsterdam, 14 February 2020



Georg Hotar, Member of the Board of Directors



Michael Gartner, Member of the Board of Directors