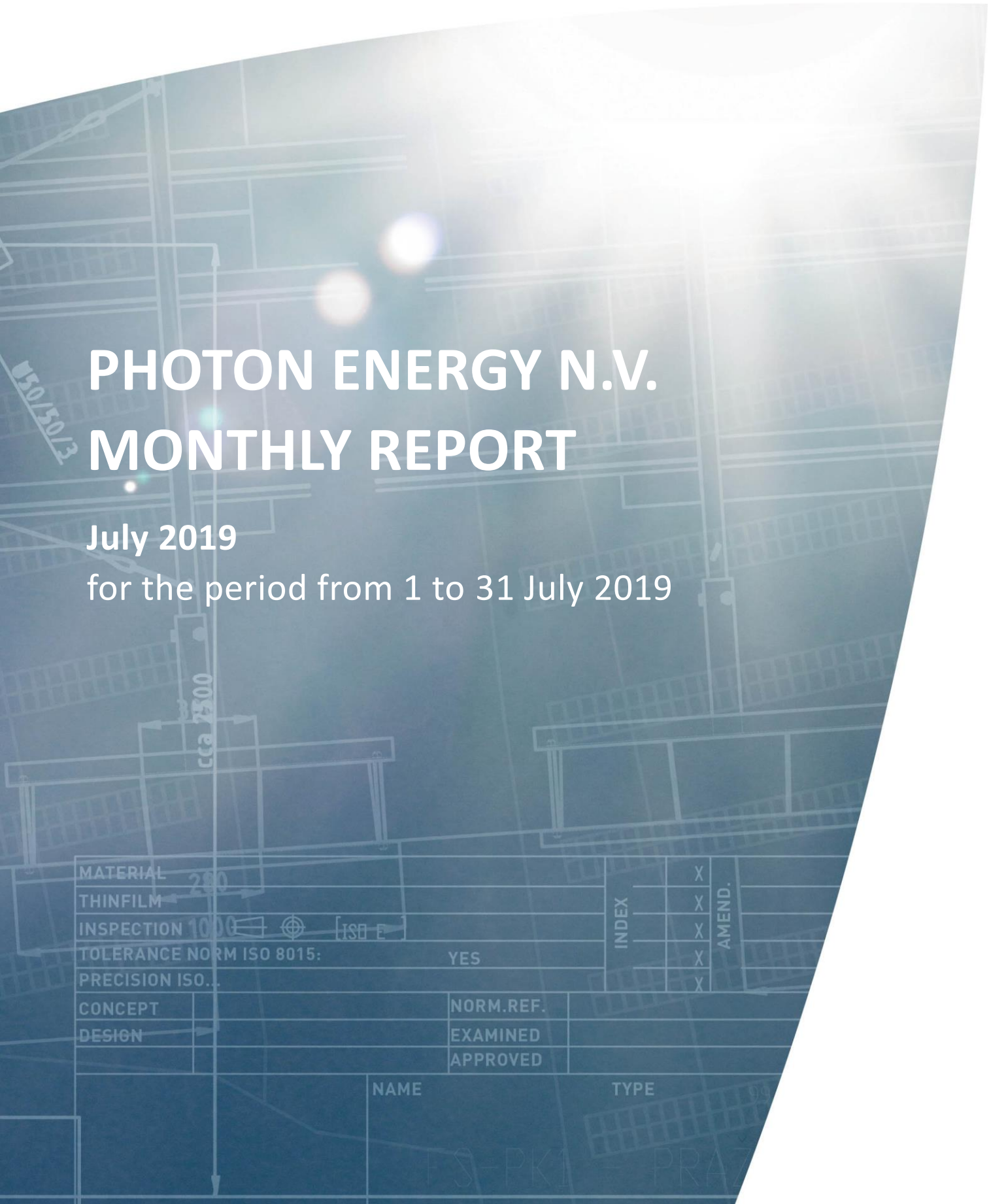
PHOTON ENERGY N.V.
MONTHLY REPORT

July 2019

for the period from 1 to 31 July 2019



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.

July 2019 Photon Energy's PV power plants' portfolio generated in total 5.8 GWh of electricity, which was 1.6% above the energy forecasts.

The above production results contributed positively to the cumulative outperformance on a year-to-date basis amounting to 27.2 GWh, i.e. 6.2% above the energy forecasts.

The year-on-year performance looks even more impressive (+51.2% YoY YTD), primarily triggered by the addition of 13.6 MWp of newly connected power plants in Hungary.

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

1.2 Expansion of proprietary portfolio by 2.1 MWp in Hungary.

On 2 July, Photon Energy connected to the grid three PV power plants with a total capacity of 2.1 MWp, located in the municipality of Nagyecsed, Hungary. This new addition expands the Group's proprietary portfolio of PV power plants to 39.2 MWp. The power plants in Nagyecsed are expected to generate 2.5 GWh of electricity per year. For more details on this project please see the report ESPI 14/2019.

1.3 New projects with 2.8 MWp acquired; Target for Hungary increased to 75 MWp.

In July the Group acquired four additional PV projects with a total planned capacity of 2.8 MWp in the municipality of Kunszentmárton, Central Hungary. The projects are at the ready-to-build stage and the company expects to start construction by the end of August 2019. For more details please see our report ESPI 17/2019.

The announced transaction increased Photon Energy's photovoltaic pipeline in Hungary to 41 projects with a total planned capacity of 35.8 MWp. Together with our existing portfolio of operating PV plants of 13.6 MWp we have secured a portfolio of 49.5 MWp in the country, thereby essentially reaching the announced target volume for the Hungarian market of 50 MWp. Due to the further potential which we envisage for the Hungarian market, management decided to increase its target to 75 MWp to be built by the end of 2021.

For more details please see chapter 3. Reporting on Photon Energy's pipeline.

1.4 First successful exit from a utility scale development project in Australia.

On 30 July 2019 Photon Energy NV sold its 25% stake in Suntop Solar Farm Pty Ltd., the project company which is holding all project rights and has obtained Development Approval for the 189 MWp PV power plant project in Suntop, New South Wales in Australia, to Canadian Solar Inc. This transaction marks the successful completion of our project development work on the Suntop 1 project and the successful conclusion of the first of our five projects jointly developed with Canadian Solar. We are very pleased to have reached this important milestone and are looking forward to completing the works on the remaining projects. Financial terms of the transaction were agreed not to be disclosed and the transaction is expected to be closed at the end of 2019Q3.

1.5 In total 15.8 MW of PV power plants under construction in Hungary and Australia.

In Hungary, the Company commenced the construction of 16 projects with a total capacity of 11.2 MWp in the locations of Fertöd II, Monor and Taszár. All projects are expected to be built and grid-connected by the end of 2019. In Australia, the Company successfully completed the construction of 20 out of 30 rooftop installations for the supermarket chain ALDI Stores Australia with a capacity of 99 kWp each. The 10 remaining store rooftop projects and the rooftop PV installation for the chain's distribution center with a capacity of 1.6 MWp, are still under construction.

For more details please see chapter 3. Reporting on Photon Energy's pipeline.

1.4 Additional EUR 7.5 million raised in bond placement to finance new projects.

In July Photon Energy N.V. successfully increased the Group's 7.75% corporate bond 2017/2022 by EUR 7.5 million to a total outstanding volume of EUR 37.5 million, corresponding to 25% of the previous bond volume. The new notes were placed at 102% plus accrued interest in a private placement exclusively with institutional investors and were introduced to trading on the Open Market of the Frankfurt Stock Exchange on 9 August 2019.

The net proceeds from the bond issue will strengthen the financial standing of the Group and will enable the realization of new market opportunities and finance further projects.

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 July 2019

Project name	Capacity	Feed-in-Tariff	Prod. 2019 July	Proj. 2019 July	Perf.	YTD Prod.	YTD Proj.	Perf.	YTD YoY
Unit	kWp	per MWh, 2019	kWh	kWh	%	kWh	kWh	%	%
Komorovice	2,354	CZK 14,530	333,570	343,672	-2.9%	1,712,769	1,542,301	11.1%	4.1%
Zvíkov I	2,031	CZK 14,530	296,043	301,222	-1.7%	1,565,823	1,351,798	15.8%	4.9%
Dolní Dvořiště	1,645	CZK 14,530	228,181	250,583	-8.9%	1,136,358	1,124,546	1.1%	6.1%
Svatoslav	1,231	CZK 14,530	170,717	186,109	-8.3%	808,857	835,200	-3.2%	-1.0%
Slavkov	1,159	CZK 14,530	169,314	177,227	-4.5%	890,756	795,345	12.0%	1.5%
Mostkovice SPV 1	210	CZK 14,530	29,273	24,959	17.3%	150,641	123,571	21.9%	3.1%
Mostkovice SPV 3	926	CZK 15,610	130,650	131,422	-0.6%	667,108	596,597	11.8%	3.4%
Zdice I	1,499	CZK 14,530	214,614	220,917	-2.9%	1,164,532	980,086	18.8%	1.1%
Zdice II	1,499	CZK 14,530	217,089	220,917	-1.7%	1,178,136	980,086	20.2%	0.7%
Radvanice	2,305	CZK 14,530	333,802	340,176	-1.9%	1,707,557	1,526,609	11.9%	3.5%
Břeclav rooftop	137	CZK 14,530	10,972	16,880	-35.0%	94,055	84,614	11.2%	-7.3%
Total Czech PP	**14,996**		**2,134,224**	**2,214,084**	***-3.6%***	**11,076,591**	**9,940,753**	***11.4%***	**2.9%**
Babiná II	999	EUR 425.12	139,616	132,465	*5.4%*	615,440	636,967	*-3.4%*	-2.3%
Babina III	999	EUR 425.12	145,485	132,465	*9.8%*	639,226	636,967	*0.4%*	1.9%
Prša I.	999	EUR 425.12	148,627	131,491	*13.0%*	687,877	635,518	*8.2%*	3.0%
Blatna	700	EUR 425.12	104,622	91,447	*14.4%*	472,065	471,081	*0.2%*	0.4%
Mokra Luka 1	963	EUR 382.61	145,965	129,298	*12.9%*	762,964	650,029	*17.4%*	33.7%
Mokra Luka 2	963	EUR 382.61	144,653	129,298	*11.9%*	769,655	650,029	*18.4%*	9.0%
Jovice 1	979	EUR 382.61	126,533	140,825	*-10.1%*	606,438	633,105	*-4.2%*	8.6%
Jovice 2	979	EUR 382.61	125,630	140,825	*-10.8%*	604,742	633,105	*-4.5%*	8.9%
Brestovec	850	EUR 382.61	134,169	109,668	*22.3%*	657,303	550,612	*19.4%*	1.8%
Polianka	999	EUR 382.61	137,256	143,700	*-4.5%*	626,016	648,926	*-3.5%*	-0.7%
Myjava	999	EUR 382.61	150,252	134,607	*11.6%*	718,239	663,585	*8.2%*	0.8%
Total Slovak PP	**10,429**		**1,502,808**	**1,416,088**	***6.1%***	**7,159,965**	**6,809,925**	***5.1%***	**5.7%**
Fertod 1	528	HUF 32,590	87,865	77,216	*13.8%*	434,361	411,650	*5.5%*	31.0%
Tiszakécske 1	689	HUF 32,590	107,514	108,632	*-1.0%*	549,063	560,980	*-2.1%*	na
Tiszakécske 2	689	HUF 32,590	107,640	108,773	*-1.0%*	550,751	563,805	*-2.3%*	na
Tiszakécske 3	689	HUF 32,590	107,713	108,597	*-0.8%*	551,712	560,684	*-1.6%*	na
Tiszakécske 4	689	HUF 32,590	107,931	108,773	*-0.8%*	552,273	563,805	*-2.0%*	na
Tiszakécske 5	689	HUF 32,590	108,059	108,773	*-0.7%*	553,645	563,805	*-1.8%*	na
Tiszakécske 6	689	HUF 32,590	107,861	108,632	*-0.7%*	550,654	560,980	*-1.8%*	na
Tiszakécske 7	689	HUF 32,590	107,573	108,479	*-0.8%*	548,883	559,196	*-1.8%*	na
Tiszakécske 8	689	HUF 32,590	107,167	107,981	*-0.8%*	534,664	551,581	*-3.1%*	na
Almásfüzitő 1	695	HUF 32,590	112,814	105,675	*6.8%*	459,757	479,276	*-4.1%*	na
Almásfüzitő 2	695	HUF 32,590	110,146	105,632	*4.3%*	453,531	479,076	*-5.3%*	na
Almásfüzitő 3	695	HUF 32,590	109,908	105,463	*4.2%*	450,042	478,234	*-5.9%*	na
Almásfüzitő 4	695	HUF 32,590	113,407	105,804	*7.2%*	466,927	479,878	*-2.7%*	na
Almásfüzitő 5	695	HUF 32,590	113,717	105,519	*7.8%*	468,369	478,507	*-2.1%*	na
Almásfüzitő 6	660	HUF 32,590	112,704	101,363	*11.2%*	464,791	460,695	*0.9%*	na
Almásfüzitő 7	691	HUF 32,590	113,264	104,916	*8.0%*	466,661	475,917	*-1.9%*	na
Almásfüzitő 8	668	HUF 32,590	114,074	102,454	*11.3%*	476,606	465,470	*2.4%*	na

Project name	Capacity	Feed-in-Tariff	Prod. 2019 July	Proj. 2019 July	Perf.	YTD Prod.	YTD Proj.	Perf.	YTD YoY
Unit	kWp	per MWh, 2019	kWh	kWh	%	kWh	kWh	%	%
Nagyecsed 1	689	HUF 32,590	102,687	97,724	*5.1%*	102,687	97,724	*5.1%*	na
Nagyecsed 2	689	HUF 32,590	104,091	97,724	*6.5%*	104,091	97,724	*6.5%*	na
Nagyecsed 3	689	HUF 32,590	104,052	97,906	*6.3%*	104,052	97,906	*6.3%*	na
Total Hungarian PP	**13,602**		**2,160,187**	**2,076,038**	***4.1%***	**8,843,519**	**8,744,684**	***1.1%***	**na**
Symonston	144	AUD 301.60	8,199	8,285	*-1.0%*	89,144	93,195	*-4.3%*	-2.2%
Total Australian PP	**144**		**8,199**	**8,285**	***-1.0%***	**89,144**	**93,195**	***-4.3%***	**-2.2%**
Total	**39,171**		**5,805,418**	**5,714,495**	***1.6%***	**27,169,219**	**25,588,557**	***6.2%***	**51.2%**

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 2019/ YTD proj. in 2019) – 1
YoY ratio: (YTD Prod. in 2019/ YTD Prod. in 2018) – 1. YTD Prod. in 2019 includes the Hungarian production data.

Chart 1.a Total production of the Czech portfolio

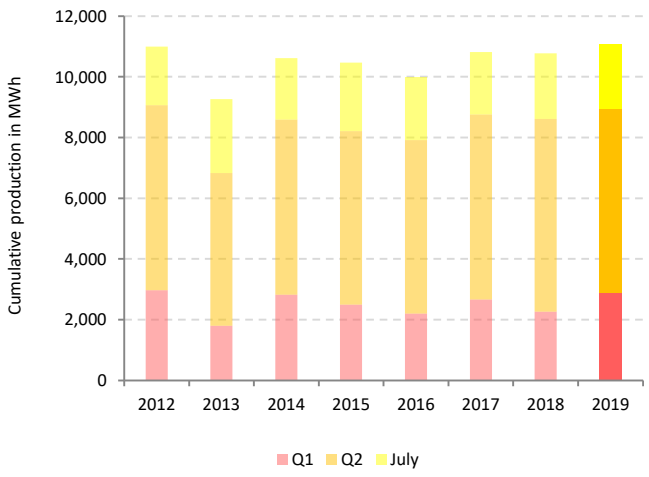


Chart 1.b Total production of the Slovak portfolio

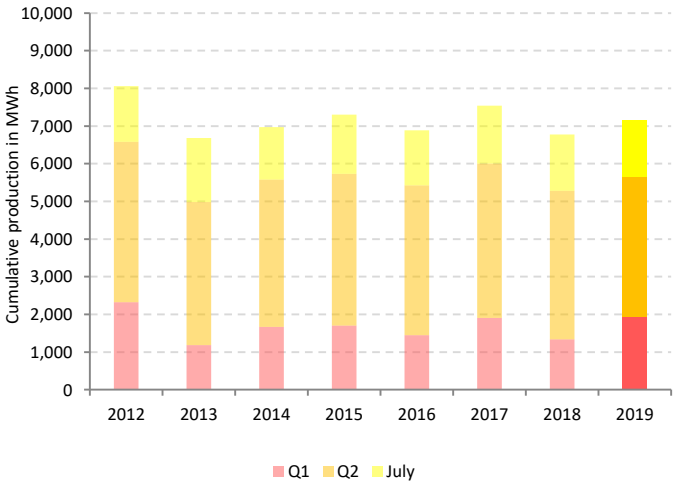


Chart 2. Generation results versus forecast between 1 January 2015 and 31 July 2019

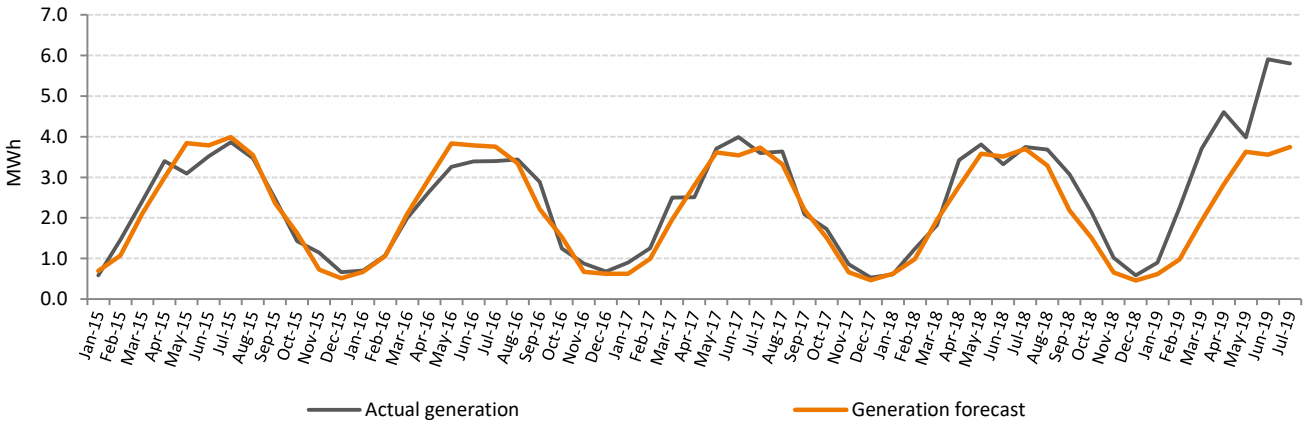
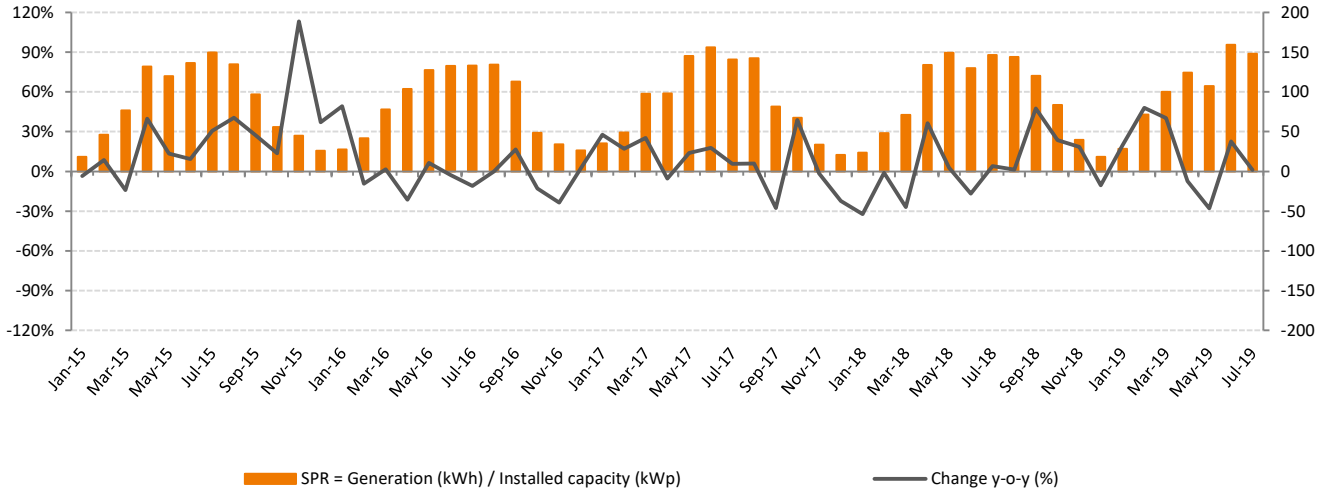


Chart 3. Specific Performance Ratio between 1 January 2015 and 31 July 2019



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 July, Photon Energy's PV power plants' portfolio generated in total 5.8 GWh, which was 1.6% above the energy forecasts and in line with the normal, average weather conditions which were recorded in this month.

July's production results contributed positively to the cumulative outperformance on a year-to-date basis amounting to 27.2 GWh, i.e. 6.2%.above the energy forecasts.

The year-on-year performance looks even more impressive (+51.2% YoY YTD), primarily triggered by the addition of 13.6 MWp of newly connected power plants in Hungary.

The performance of the Czech and Slovak portfolio remains very strong, exceeding the energy audits by 11.4% and 5.1%, respectively. It is worth mentioning that the underperformance of the Břeclav power plant (-35%) is related to the repair of the roof surface on which the plant is mounted. The easement contract with the building owner includes a compensation mechanism for 50% of the lost production. The rooftop PV system is expected to be operational before the end of the August. Last but not least, the Hungarian power plans performed slightly above expectations (+1.1%) while the Australian power plant underperformed by 4.3%.

The specific performance ratio, which shows the productivity efficiency of our portfolio, remained very sound at the level of 148 kWh/kWp and increased by1% year-over-year, compared to 146 kWh/kWp a year ago. We are happy to see that the power plants we build are performing continuously above expectations and confirm the quality of our engineering works as well as the high level of services and maintenance we provide on a daily basis.

3. Reporting on Photon Energy's project pipeline

As of the publishing date of this report, Photon Energy is developing PV projects in Australia (1,034 MWp) and Hungary (35.8 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 Photon Energy's project development activities is to expand its proprietary portfolio of PV power plants for long-term ownership, 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 view 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 past 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	Con-struction permit	Expected RTB
Hungary	Fertöd II	Own portfolio	100%	3.5	Licensed PPA	Secured	Secured	Secured	Under construction
Hungary	Monor	Own portfolio	100%	5.6	Licensed PPA	Secured	Secured	Secured	Under construction
Hungary	Tata	Own portfolio	100%	5.5	Licensed PPA	Secured	Secured	Secured	2019Q2
Hungary	Taszár	Own portfolio	100%	2.1	Licensed PPA	Secured	Secured	Secured	Under construction
Hungary	Malyi	Own portfolio	100%	2.1	Licensed PPA	Secured	Secured	Secured	2019Q3
Hungary	Püspökladány	Own portfolio	100%	14.2	Licensed PPA	Secured	Secured	Secured	2019Q4
Hungary	Kunszentmárton	Own portfolio	100%	2.8	Licensed PPA	Secured	Secured	Secured	2019Q3
Total Own portfolio Hungary				**35.8**					
Australia	Leeton	Own portfolio	100%	14.0	Retailer PPA	Secured	Secured	Secured	2019Q3
Total Own portfolio Australia				**14.0**					
Total Own portfolio				**49.8**					
Australia	Gunning	Developer	49%	220	Co-development & financing agreement with Canadian Solar	Secured	Ongoing	Ongoing	2019Q4
Australia	Gunnedah	Developer	25%	150		Secured	Ongoing	Secured	2019Q3
Australia	Maryvale	Developer	25%	160		Secured	Ongoing	Ongoing	2019Q3
Australia	Suntop 2[2]	Developer	25%	200		Ongoing	Ongoing	Ongoing	2020Q1
Australia	Carrick	Developer	51%	144	Options open	Secured	Ongoing	Ongoing	2019Q4
Australia	Brewongle	Developer	51%	146	Options open	Secured	Ongoing	Ongoing	2019Q4
Total Development Australia				**1,020**					

[1] *The project Suntop 1 was excluded from the portfolio as it was sold to Canadian Solar on 30 July 2019.*

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 seven large scale solar farms at different stages of development in New South Wales ("NSW). The project pipeline is among the largest pipelines of Solar projects in NSW representing a total planned capacity of 1,034 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.

On 30 July 2019 Photon Energy sold its 25% stake in the first co-developed project Suntop 1 to Canadian Solar Inc. This transaction, expected to be closed until the end of 2019Q3, marks a significant milestone in the successful completion of the project development work on the first out of five projects jointly developed with Canadian Solar in Australia. The Suntop 1 project with the total capacity

amounting to 189 MWp, has been excluded from the pipeline resulting in its downsizing to four projects with the expected capacity of 1,020 MWp.

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

- **Gunnedah (150 MWp)**: The process of securing the construction permit was finalized. The project Development Approval to construct a power plant with a capacity of up to 150MWp was granted by NSW DP&E on 12 March 2019. The grid connection process is still undergoing. GPS studies were completed and accepted by both Transgrid and AEMO. Consequently AEMO issued the license to feed electricity to the grid in January 2019. The grid connection terms and agreement are still in the process of discussions with Transgrid.
- **Gunning (220 MWp)**: The process of securing construction permit is undergoing. Site assessments are performed to define the optimal project layout. The Environmental Impact Studies (EIS), which include public consultations and feasibility studies are being carried out. In parallel we are in discussions with Transgrid regarding the grid connection specifications. However, the transition from fixed to single axis tracking system has resulted in a reduction of the installed capacity from 316 MWp to 220 MWp. GPS studies will start once the project design is finalized.
- **Maryvale (160 MWp)**: The construction permitting process has started and EIS were submitted to NSW DP&E in November 2018. The project was published and triggered some public opposition, hence was referred to Independent Public Committee (IPC) for determination if the opposition is justified. We have responded to the public concerns and now await the determination of IPC and subsequent recommendations. The grid connection options are currently under review and in discussions with Essential Energy. GPS will start upon finalizations of those discussions.
- **Mumbil/Suntop 2 (200 MWp)**: The feasibility studies, which are a part of the construction permitting process, have revealed significant issues related to aspects such as soil erosion, aboriginal heritage protection, and challenges of waterways in the location of Mumbil. Consequently, Canadian Solar and Photon Energy have determined that the development of Mumbil Solar Farm will not be executed. However, the joint venture has lodged a preliminary environmental assessment to significantly expand the size of the Suntop Solar Farm project ("Suntop 2") by a further 200 MWp. Both, development efforts and budget, for the Mumbil project were relocated to the Suntop 2 project. The application process for the construction permit is in the preparations. Upon completing feasibility studies and community consultations we will finalize EIS. We expect the project to be ready for submission in 2019Q3. The grid connection application will start upon completion of EIS.

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

- **Leeton (14 MWp):** The construction permitting process has not been started as the grid connection specifications are still under discussions. 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 in EIS and submitted to DP&E for review.
- **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.
- **Brewongle (146 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 Transgrid.

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.*

Glossary of terms	Definitions
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 fourty projects in the pipeline with the total planned capacity of 35.8 MWp.

- **Fertőd II (3.5MWp)**: Upon construction and connecting to the grid its first photovoltaic power plant in Hungary with an installed capacity of 528 KWp (referred to as Fertőd I), Photon Energy announced the expansion of its project pipeline by five additional projects in Fertőd (referred to as Fertőd II). Photon Energy's fully-owned subsidiary Photon Energy HU SPV 1 Kft. managed to secure additional grid connection capacity of 2.5 MW AC and usage rights for over 5 hectares of land located right next to Fertőd I. Photon Energy HU SPV 1 Kft. moved its remaining three KÁT licenses not used in Monor to the secured land plots in Fertőd II. The fourth project will be realized by the Group's subsidiary Ráció Master Kft., using its ninth KÁT license which could not be used in its primary location of Almásfüzitő, where eight PV power plants are already operating. Commercial operational deadline of all KÁT licenses has been successfully extended to 2021. All projects have final and binding construction permits of the PV power plants. Non-binding cable right permit for all projects was issued on 1 June 2019 and the binding permit is expected in August 2019. Construction of the projects has started.

Fertőd II – Work in progress

Construction status:

Land preparation and civil works (road, fencing) have been finished. The mounting substructure has been assembled and low voltage electric works are now completed. PV Modules have been installed at all five power plants.

The remaining steps in the process will be the installation of transformers, the switch stations and the security systems as well as the construction of the grid connection line. We will start those works as soon as the binding permit is issued.

Commissioning of the projects to the grid is expected in 2019Q4.

- **Taszár (2.1 MWp):** In March 2019 Photon Energy completed the acquisition of 100% shares in Optisolar Kft., which owns three KÁT licenses, entitling it to a feed-in-tariff of some HUF 32,590 per MWh (approx. EUR 100 per MWh) over a period of 25 years, with a maximum approved and supported production of 16,475 MWh per license.

  These projects are ready-to-build and the construction has started with land preparation works in July 2019. Commissioning of the power plant is expected in 2019Q4.

- **Tata (5.5 MWp)**: In February 2018 Photon Energy announced the acquisition of 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 tracking technology for the substructure.

  These projects have reached a ready-to-build stage and construction will start in 2019Q3.

- **Monor (5.6 MWp):** In Monor Photon Energy has developed eight projects with a grid connection capacity of 498 KW AC each. In May 2017, Photon Energy received the energy production licenses under the KÁT support system, allowing each plant to feed a total volume of 16.950 GWh of electricity into the grid at the guaranteed price of HUF 32,590 per MWh (approx. EUR 100 per MWh), adjusted every year with inflation minus one percent, per KWh over 25 years from the date of grid connection. Photon Energy successfully managed to extended all 8 KÁT licenses for an additional 3 years, so the new commercial operation deadline (COD) applicable for all 8 KÁTs is December 2021. Construction of the projects has started.

Monor – Work in progress

Construction status:

Land preparation and fencing works have been completed while road construction is in the progress.

The procurement of the major components has been finalized. The construction of substructures is completed. The modules are being mounted and this is expected to be finalized by mid-August. The low voltage works has been advanced and are expected to be completed by mid-August.

The remaining steps in the construction include installation of the transformers, switch stations and security systems as well as the construction of the grid connection line, which is expected to take place in 2019Q3.

Commissioning of the projects to the grid is expected in 2019Q4.

- **Malyi (2.1 MWp):** In April 2019 Photon Energy NV acquired three PV projects with a total planned installed capacity of 2.1 MWp in the municipality of Malyi, close to Miskolc in the north of the country. Each project company owns a KÁT license entitling them to a feed-in-tariff of some HUF 32,590 per MWh (approx. EUR 100 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 ready-to-build and construction will start in 2019Q3.

- **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 100 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 2019Q4.

- **Kunszentmárton (2.8 MWp)** In July Photon Energy NV acquired four additional PV projects with a total planned installed capacity of 2.8 MWp in the municipality of Kunszentmárton, in the Jász-Nagykun-Szolnok region in Central Hungary. The transaction involves the acquisition of one company owning two KÁT and two KÁT-METÁR licenses entitling to a feed in tariff of HUF 32,590 per MWh (approx. EUR 100 per MWh) over a period of 25 years for both of the KÁT licenses and of 17 years and 4 months for the KÁT-METÁR licenses. The maximum approved and supported production amounts to 14,998 MWh per KÁT license and to 13,832 MWh per KÁT-METÁR license respectively.

  The two KÁT licensed projects with combined capacity of 1.4 MWp are at the ready-to-build stage. The company expects to start the construction in 2019Q3. The construction of the two KÁT METÁR licensed projects is planned to start during 2020Q1.

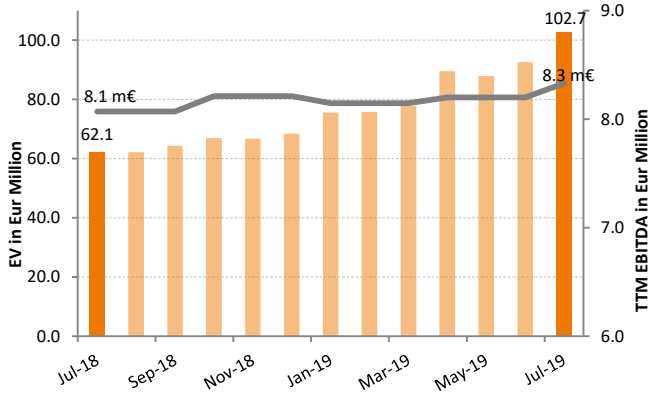
The latest acquisition of the four projects in Kunszentmárton increases Photon Energy's photovoltaic pipeline in Hungary to 41 projects with a total planned installed capacity of 35.8 MWp. Together with our existing portfolio of operating PV plantsof 13.6 MWp, we have secured a 49.4 MWp portfolio in Hungary, thereby essentially reaching the announced target volume of 50 MWp. Photon Energy continues sourcing KÁT, KÁT-METÁR and METÁR projects and announces the increase of its target portfolio size in Hungary to 75 MWp across both support schemes until year-end 2021. The company has also initiated efforts to develop ground-mounted projects for the upcoming auction mechanism for renewable energy sources, which is expected to commence in late 2019 or early 2020.

4. Enterprise value & Share price performance

4.1 NewConnect (Warsaw Stock Exchange)

On 31 July 2019, the share price (ISIN NL0010391108) closed at a price of PLN 3.00 (10% MoM, +63% YTD), corresponding to a price to book ratio of 1.13x. The Company reports a monthly trading volume of 53,523 shares (vs. an average of 100,798 during the past twelve months).

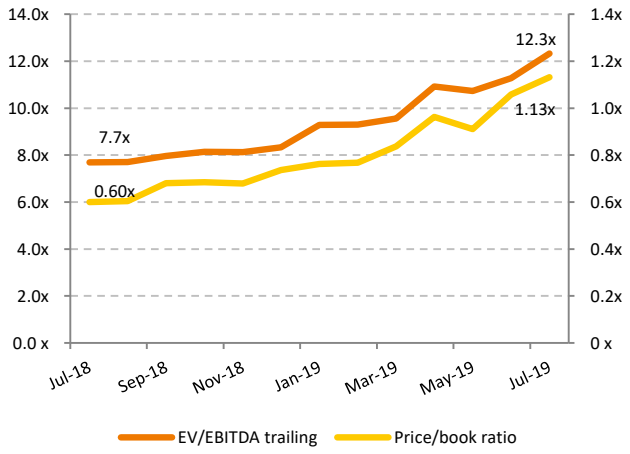
Chart 4. Enterprise value vs. trailing 12 months (TTM) EBITDA



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 30.06.2019, the sum of EBITDA reported in 2018Q3, 2018Q4 2019Q1, 2019Q2.

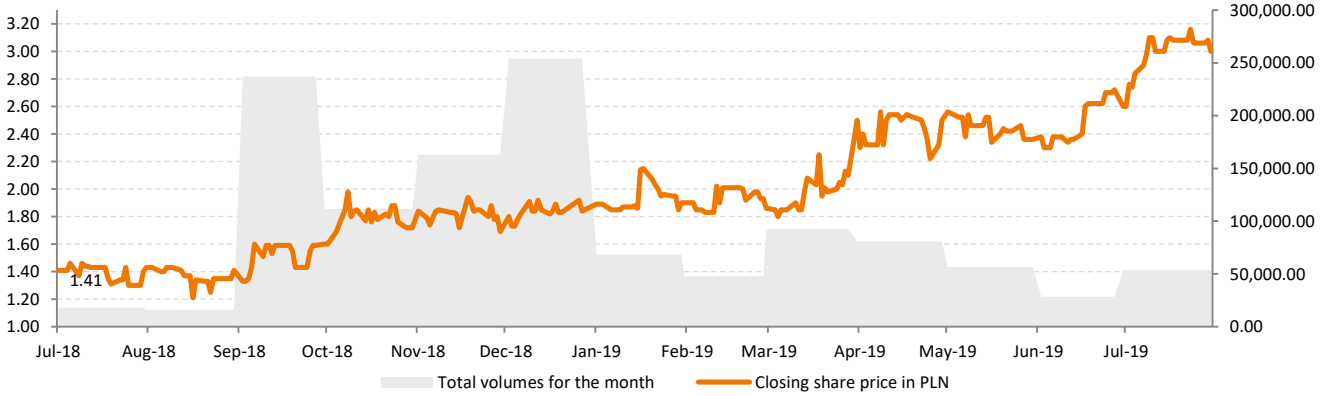
Chart 5. Enterprise value / trailing 12 months EBITDA and price to book ratio



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 New-Connect 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 July 2019 the share price (ISIN NL0010391108) closed at a price of CZK 19.50 (3.7% compared to last month, +298% vs CZK 4.90, the reference price on the first trading day on 17 October 2016), corresponding to a price to book ratio of 1.23x. The Company reports a monthly trading volume of 4,598 shares in July compared to an average monthly trading volume of 20,882 shares during the past 12 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, with a nominal value of CZK 30,000 (ISIN CZ0000000815), 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 target volume of EUR 30 million was subscribed to in full on 7 September 2018, before the end of the public placement, originally set until 20 September 2018. The corporate bond, with a nominal value of EUR 1,000 (ISIN DE000A19MFH4), 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 7.75 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 July 2019, the trading volume amounted to EUR 31.064 million (nominal value, including the volume traded in Berlin, Munich & Stuttgart) with an opening price of 100.00 and a closing price of 103.95 in Frankfurt. During this period the average daily turnover amounted to EUR 70,281.

EUR Bond 2017-22 trading performance in July 2019

In July 2019 the trading volume amounted to EUR 871,000 with an opening price of 104.40 and a closing price of 103.95 in Frankfurt. The average daily turnover amounted to EUR 37,870.

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

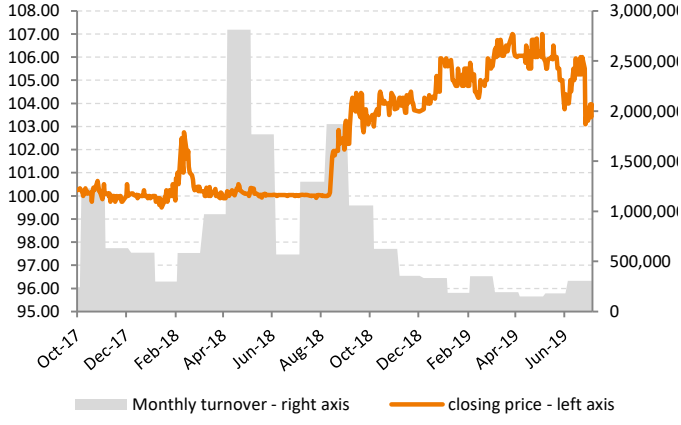
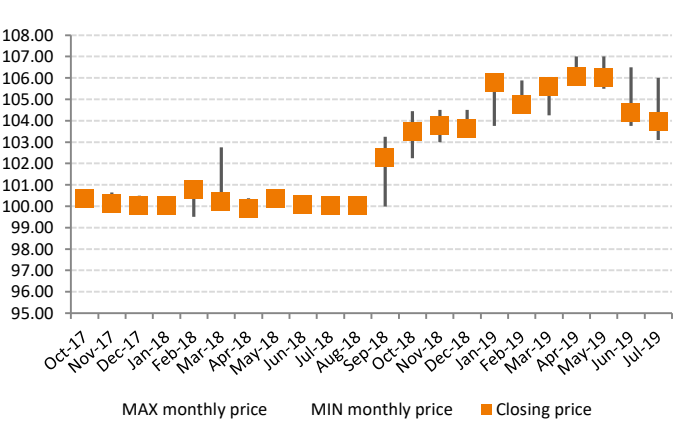


Chart 8. MIN, MAX and closing monthly prices



5.2 CZK Bond 2016-23 trading performance in Prague

In the trading period from 12 December 2016 until 30 June 2019 the trading volume amounted to CZK 10.020 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 were published in the EBI (Electronic Database Information) system of Warsaw Stock Exchange:

- **EBI 13/2019** published on 10 July 2019: Monthly report for June 2019.

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

In the period covered by this report the following current reports were published in the ESPI (Electronic Information Transmission System) system of Warsaw Stock Exchange:

- **ESPI 14/2019** published on 2 July 2019: Photon Energy connects three PV power plants with 2.1 MWp to grid in Hungary
- **ESPI 15/2019** published on 8 July 2019: Insider Trading Notification
- **ESPI 16/2019** published on 22 July 2019: Photon Energy considers additional bond issuance
- **ESPI 17/2019** published on 24 July 2019: Photon Energy acquires four projects with a total capacity of 2.8 MWp and raises its portfolio target in Hungary to 75 MWp by year-end 2021
- **ESPI 18/2019** published on 31 July 2019: Photon Energy sells its 25% stake in the Australian Suntop 1 project to Canadian Solar

After the period covered by this report the following current reports was published in the ESPI (Electronic Information Transmission System) system of Warsaw Stock Exchange:

- **ESPI 19/2019** published on 1 August 2019: Photon Energy decided to increase its existing 7.75% bond 2017/2022.
- **ESPI 20/2019** published on 5 August 2019: Photon Energy increased its existing 7.75% bond 2017/2022 by additional EUR 7.5 million.

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

- 10 September 2019 Monthly report for August 2019
- 9 October 2019 Monthly report for September 2019
- 7 November 2019 Entity and consolidated quarterly reports for 2019Q3
- 12 November 2019 Monthly report for October 2019
- 11 December 2019 Monthly report for November 2019.

9. Investor relations contact

Joanna Rzesiewska

E-mail: ir@photonenergy.com

Photon Energy N.V.

Barbara Strozzilaan 201

1083 HN Amsterdam

The Netherlands

Web: www.photonenergy.com

Amsterdam, 12 August 2019

Georg Hotar, Member of the Board of Directors

Michael Gartner, Member of the Board of Directors