



Picture source: Viet Nam Energy Partnership Group

## VIET NAM ENERGY PARTNERSHIP GROUP

### Factsheet on Rooftop Solar Development

- December 2020 -

#### 1. Background

On 05 July 2019, the Ministry of Industry and Trade (MOIT) issued [Decision 2023/QĐ-BCT](#) which launched the Rooftop Solar Promotion Program for the 2019-2025 period (RTS Program) with the overall objective to promote the development of the market for rooftop solar technology. The program aims to install 100,000 Rooftop Solar (RTS) systems or the equivalent of 1,000 MWp by the end of 2025. Furthermore, the support of the rooftop solar market is one of the key policy targets and part of the [VEPG Policy Recommendations](#) that were endorsed at the 2<sup>nd</sup> High-Level Meeting of the VEPG in November 2018. With the aim to monitor the impact of the RTS Program and the overall development of the rooftop solar market, Viet Nam Electricity (EVN) is providing data on RTS development in the country on a monthly basis.

Based on these monthly data reports by EVN, the VEPG will regularly update this factsheet on RTS solar development. This issue summarizes the EVN RTS data report for December 2020.\*

#### 2. Summary of RTS Development by the end of December 2020

By the end of December 2020, a total of **105,212** rooftop solar systems (RTS) with a capacity of **9,730.87 MWp** were installed in Viet Nam (end of November 2020: **74,281** systems/**2,875.5** MWp). During December 2020, **30,931** rooftop solar systems with a capacity of **6,855.4 MWp** were newly installed (see Figure 1).

\* **Disclaimer:** The VEPG does not take any responsibility for the accuracy of the displayed data. Please refer to the original EVN data report for more information. Please download here: [http://vepg.vn/wp-content/uploads/2021/02/RTS\\_Monitoring\\_EVN\\_Master\\_Sheet\\_dec2020.xlsx](http://vepg.vn/wp-content/uploads/2021/02/RTS_Monitoring_EVN_Master_Sheet_dec2020.xlsx)

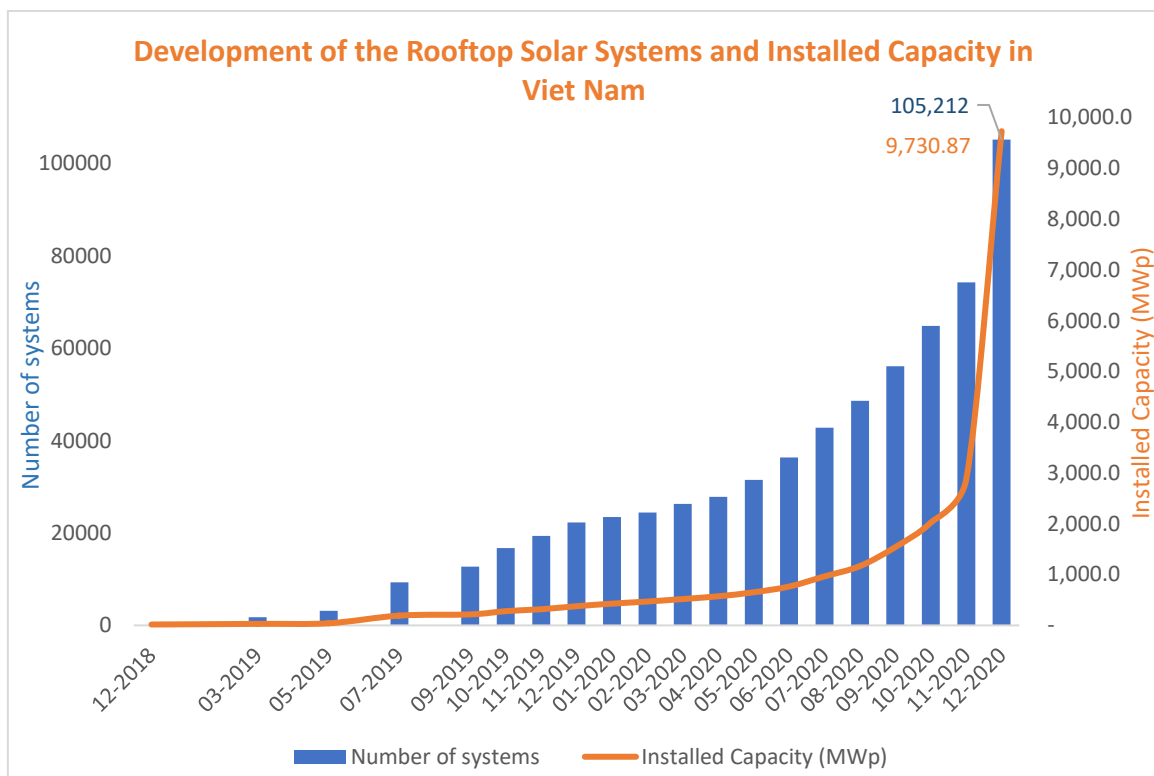


Figure 1. Total RTS systems and installed capacity (MWp) in Viet Nam by the end of December 2020

**Power supplied to the grid in December:** In December 2020, all installed rooftop solar systems delivered **216,399 MWh** (in November 2020: **161,756 MWh**) to the national power grid. **The Southern Power Companies (EVN SPC)** generated more than half of the total solar energy supplied to the grid with **121,316 MWh** (Figure 2).

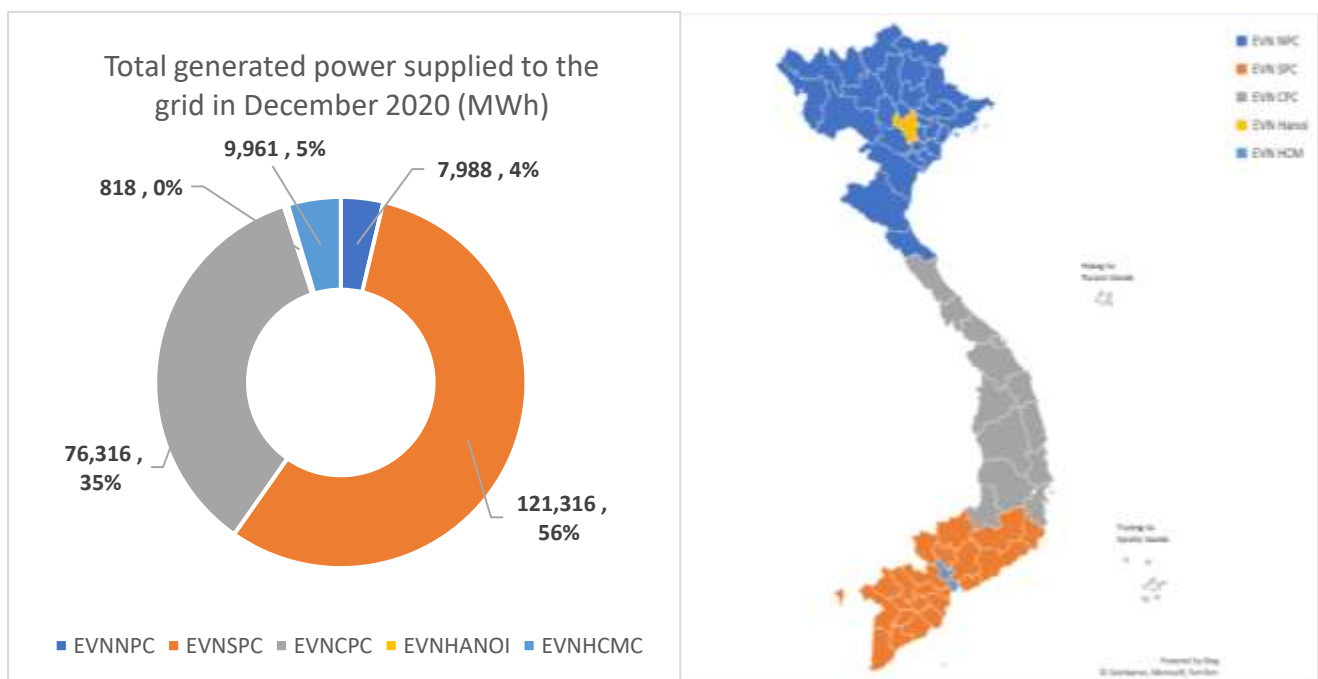


Figure 2. Total generated solar power supplied to the grid (MWh) by PC - December 2020

### 3. Geographical breakdown:

**Number of installed systems:** In total, EVN SPC still have the highest number of RTS systems. EVN CPC has the second highest number of RTS systems. (Figure 3). In December 2020, **18,383 new systems** were newly installed under EVN SPC.

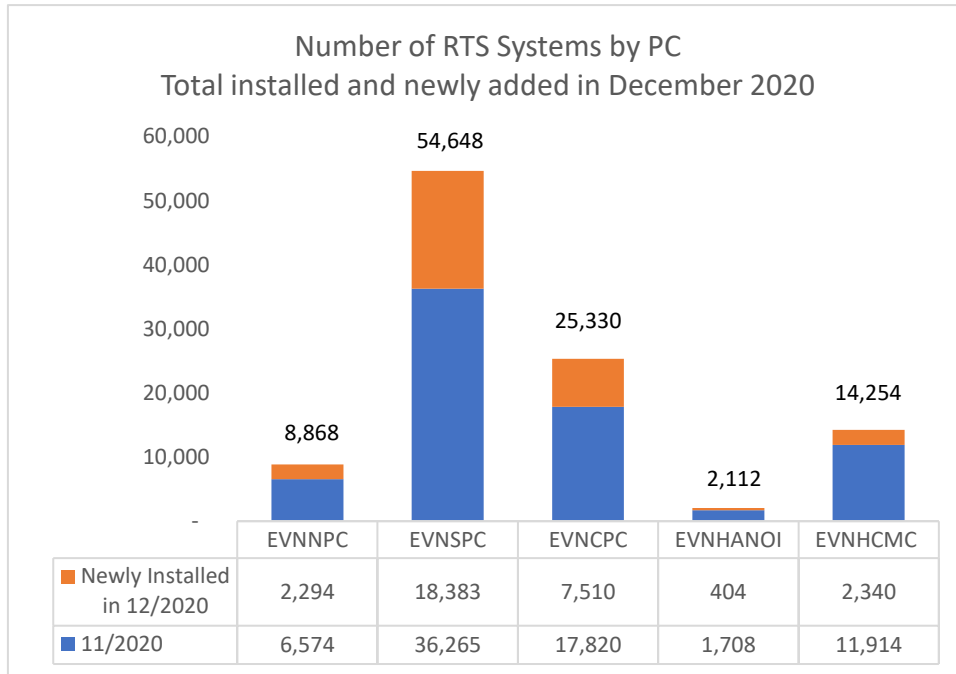


Figure 3. Number of RTS systems by PC – December 2020

**Installed Capacity:** In December 2020, **4,200.2 MWp** were newly installed under EVNSPC and **2,068.4 MWp** was newly installed under EVN CPC. In total, EVN SPC and EVN CPC still have the highest installed capacity for Rooftop Solar in the country with **5,657.81 MWp** and **3,094.85 MWp** respectively.

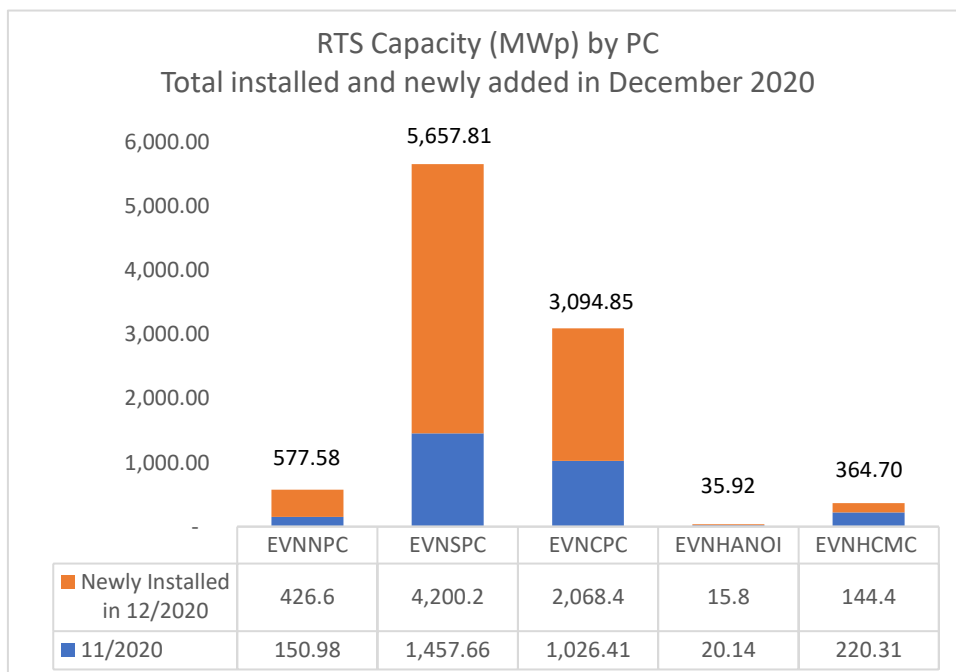


Figure 4. Installed RTS capacity (MWp) by PC - in December 2020

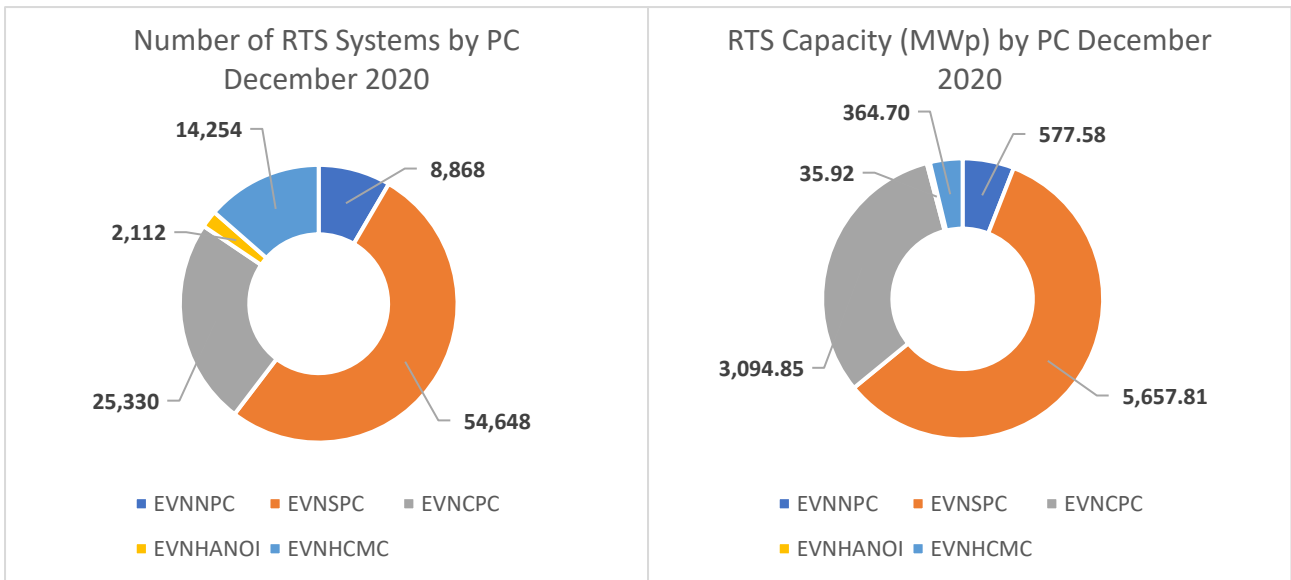


Figure 5. Break down of number of RTS systems and installed capacity by PC – December 2020

#### 4. Breakdown by Customer Group:

**Number of installed systems:** In December 2020, **19,588 household** systems, **9,133 industrial** systems, **1,759 commercial** and **451** systems on **public buildings** were newly installed (Figure 6).

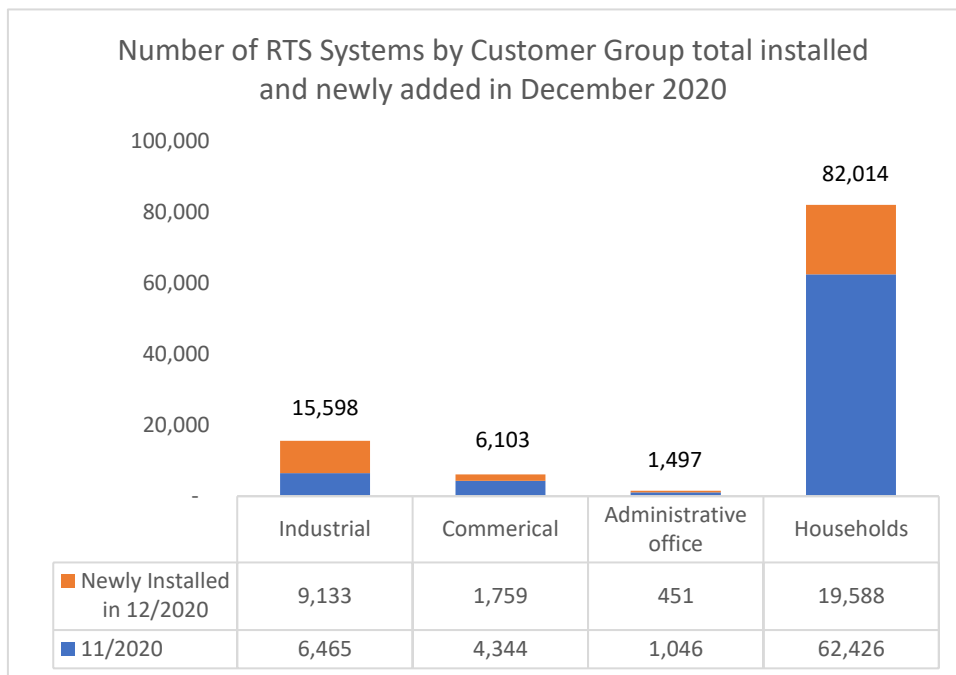


Figure 6. Number of RTS systems by customer group – December 2020

**Installed capacity:** In December 2020, newly installed **industrial RTS** accounted for **5,791.65 MWp** followed by **household RTS** with **562.16 MWp** and RTS for **commercial** and **administrative building** with **392.62 MWp** and **108.94 MWp**, respectively. (Figure 7).

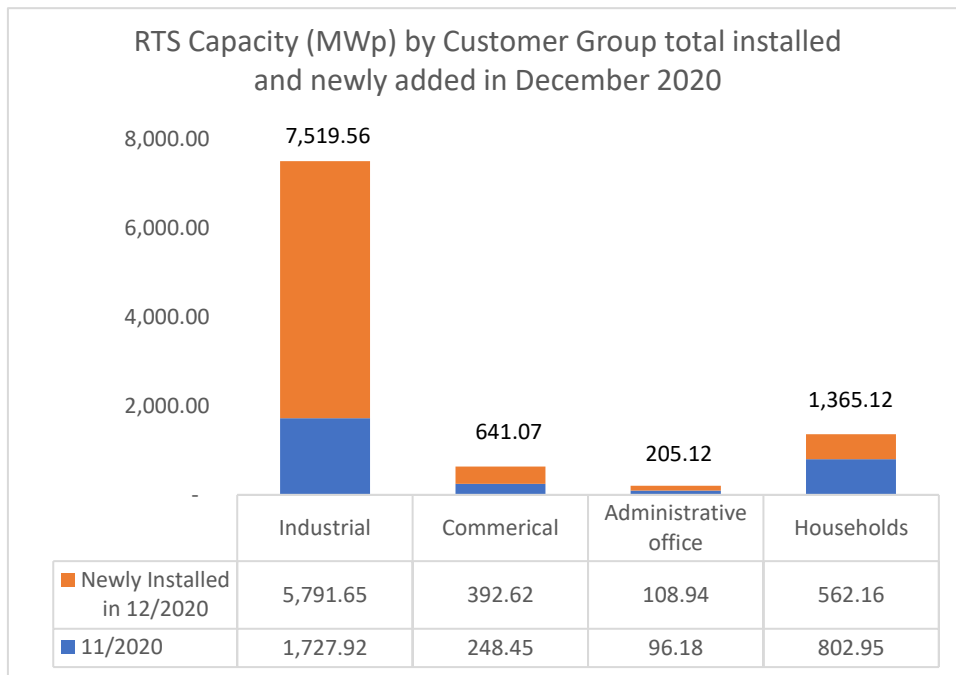


Figure 7. Total installed capacity by customer group (MWp) – December 2020

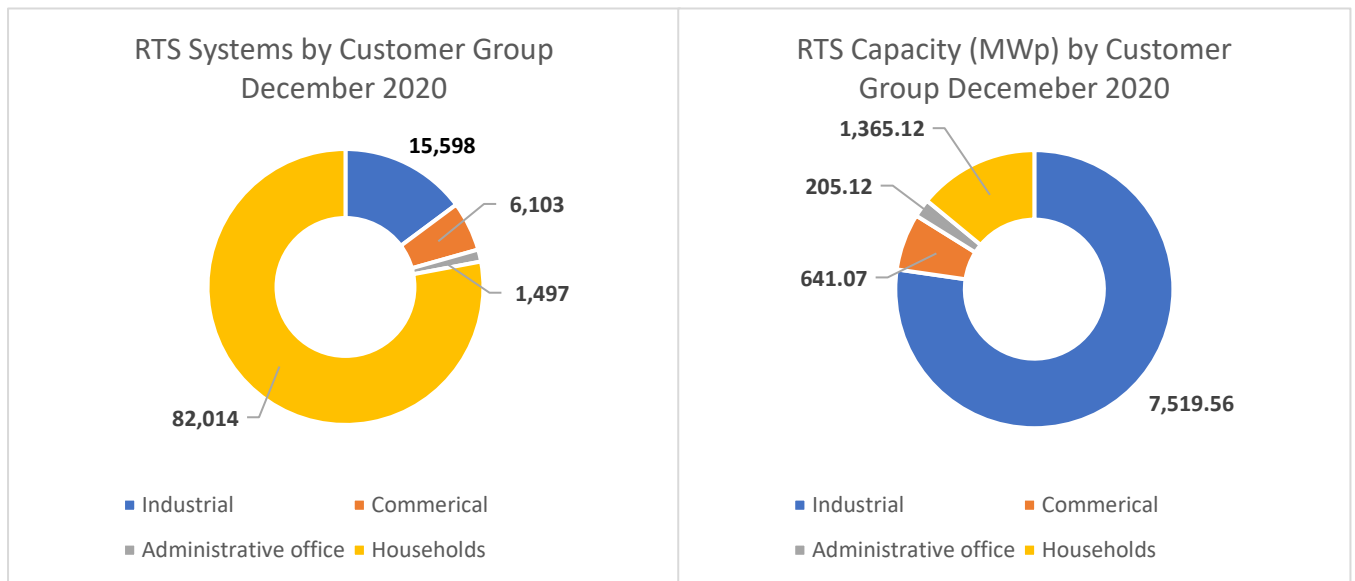


Figure 8. Breakdown of RTS systems and installed capacity by customer group – December 2020

**More information:**

For more information on RTS development in Viet Nam including policy and regulations, sample contracts, investment guidelines and solar resource map, please visit the official website of the Rooftop Solar Promotion Program: <http://rooftopsolar.com.vn/> and EVN’s rooftop solar portal at: <https://solar.evn.com.vn/#/>