



Picture source: Viet Nam Energy Partnership Group

VIET NAM ENERGY PARTNERSHIP GROUP

Factsheet on Rooftop Solar Development

- March 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 Programme) 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 2nd High-Level Meeting of the VEPG in November 2018. With the aim to monitor the impact of the RTS Programme 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 from March 2020.*

2. Summary of RTS Development by the end of March 2020

By the end of March 2020, a total of **26,293** rooftop solar systems (RTS) with a capacity of **519.37 MWp** were installed in Viet Nam (end of February 2020: 24,459 systems/469.9 MWp). During March 2020, **1,834** rooftop solar systems with a capacity of **49.47 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/2020/05/RTS_Monitoring_EVN_Master_Sheet.xlsx.

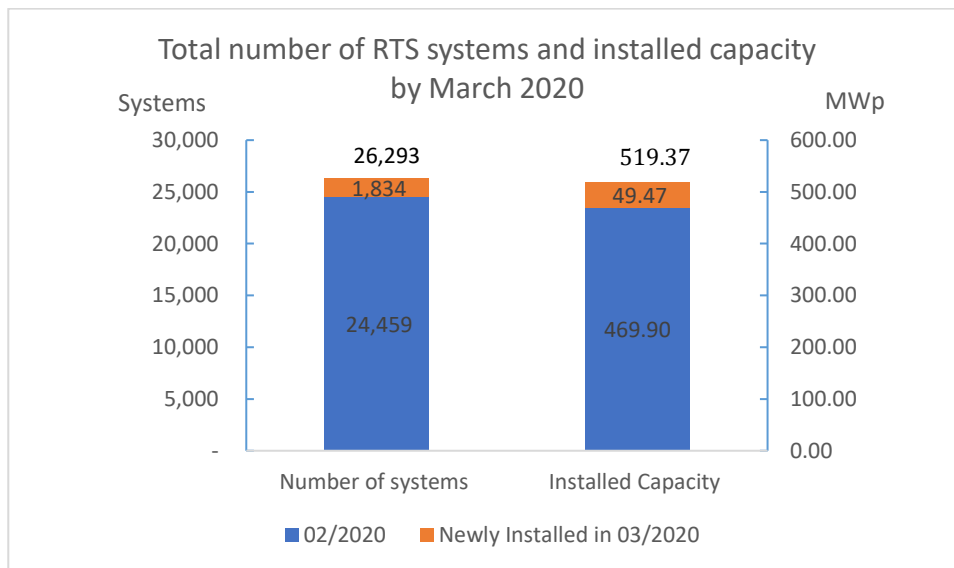


Figure 1. Total number of RTS systems and installed capacity in Viet Nam by the end of March 2020

Ho Chi Minh City added the largest number of systems in the country with **362** newly installed RTS systems, most of them are Household systems. On the other hand, the province of **Đắk Nông** added **8.01 MWp** which mostly are industrial rooftop systems.

Power supplied to the grid in March: In March 2020, all installed rooftop solar systems delivered **38,600 MWh** (in February 2020: 36,275 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 **20,351.5 MWh** (Figure 2).

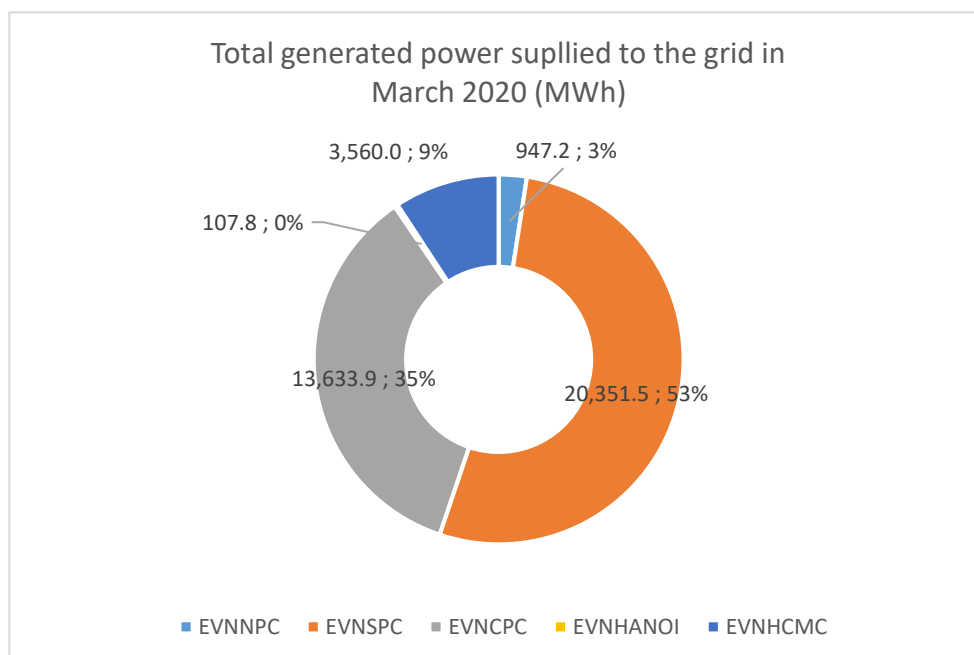


Figure 2. Total generated solar power supplied to the grid (MWh) by PC in March 2020

3. Geographical breakdown:

Number of installed systems: In total, EVN SPC still have the highest number of RTS systems, followed by EVN HCMC. (Figure 3). In March 2020, EVN SPC have the greatest number of newly installed systems with **910 systems** and EVN HCMC have **362 newly installed systems** - the second greatest among PCs.

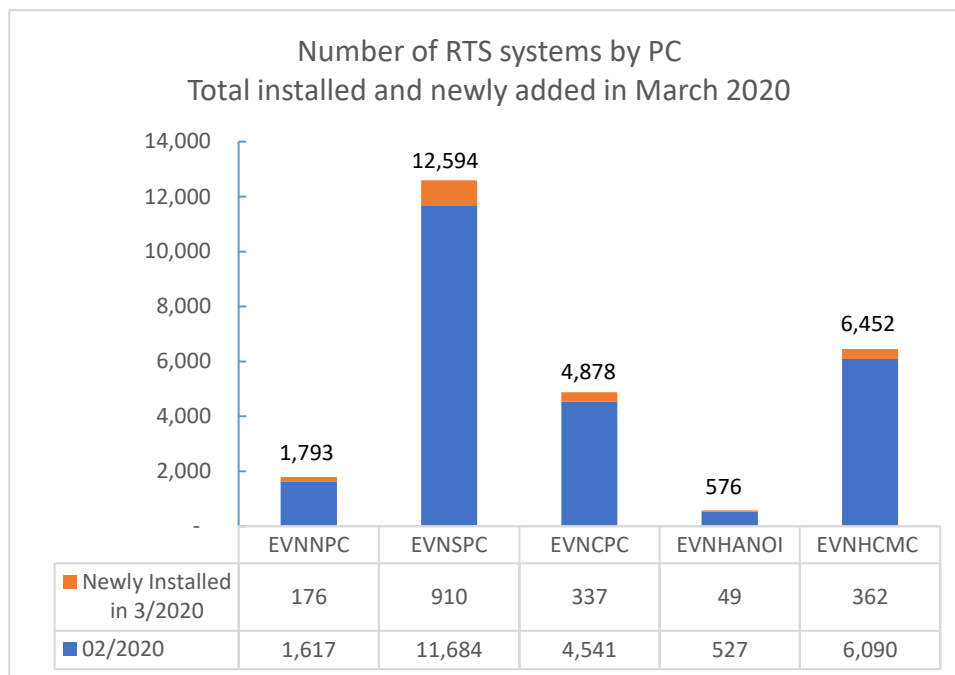


Figure 3. Total RTS systems and Total Installed Capacity by PC by end of March 2020

Installed Capacity: In March 2020, EVN CPC newly installed **19.93 MWp** followed by EVN SPC with **18.88 MWp**.

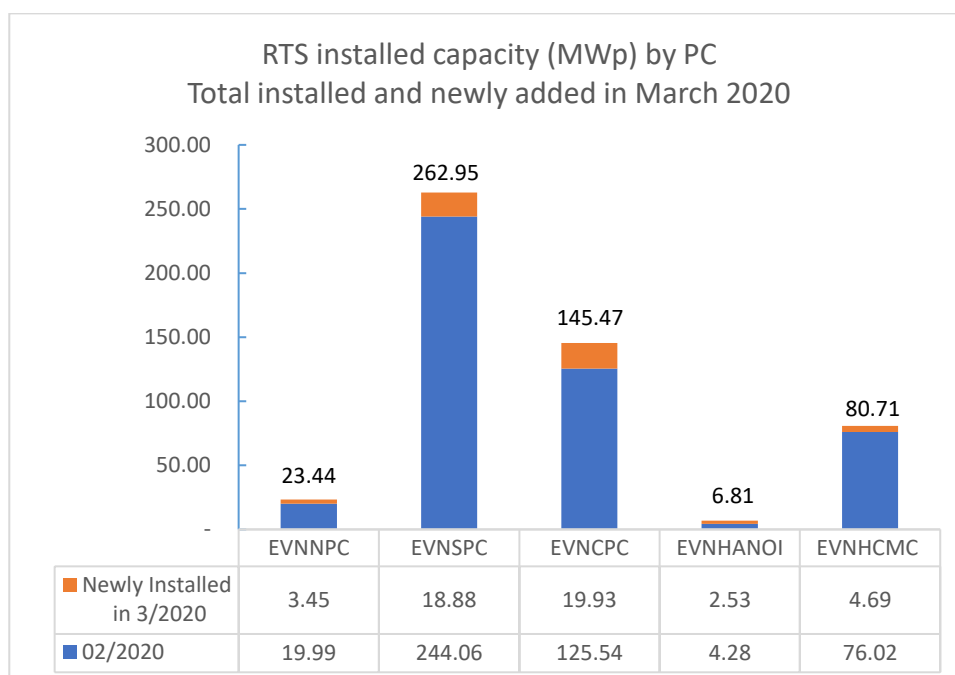


Figure 4. RTS installed capacity (MWp) by PC total installed and newly added in March 2020

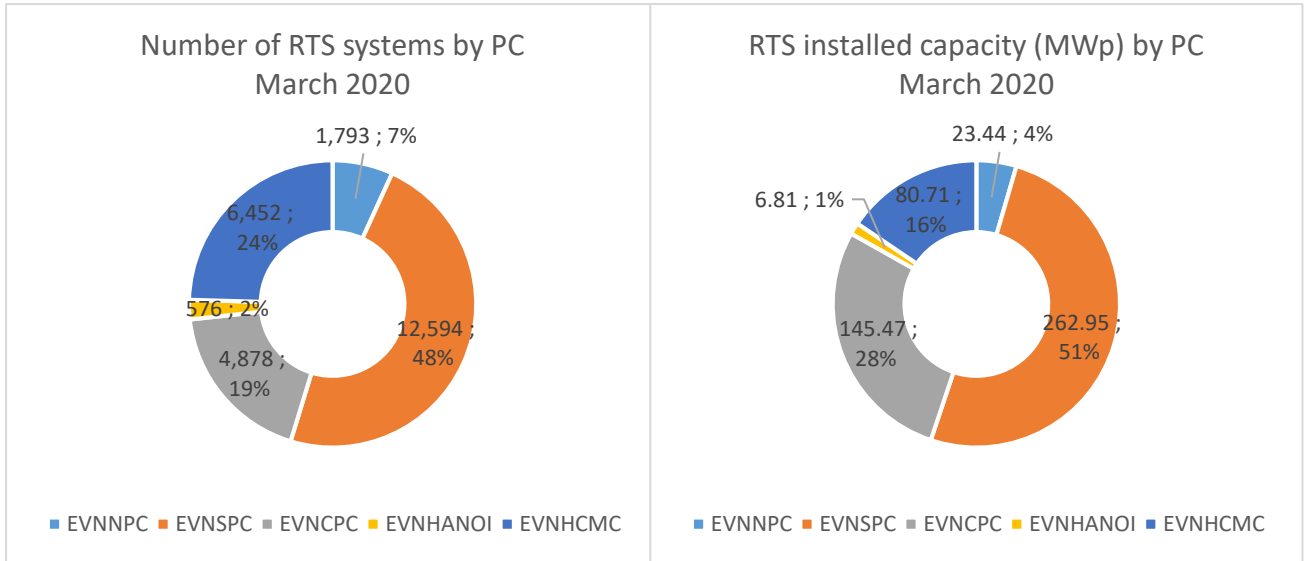


Figure 5. Break down of number of RTS systems and installed capacity by PC - March 2020

4. Breakdown by Customer Group:

Number of installed systems: In March, 1524 household systems, 150 industrial systems, 121 commercial and 39 systems on public buildings were newly installed (Figure 6).

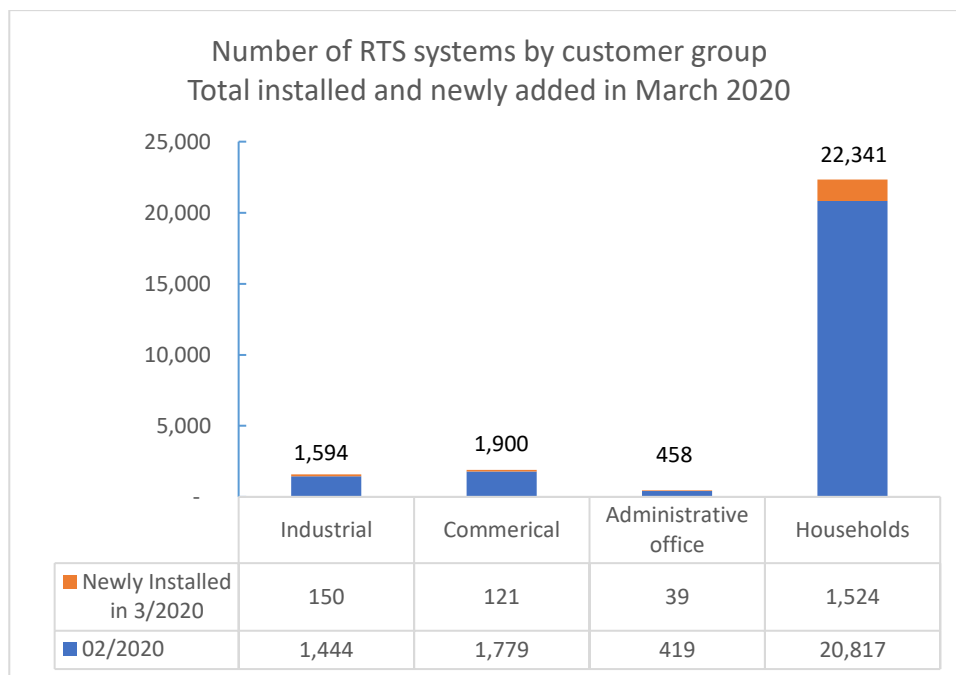


Figure 6. Number of RTS systems by customer group - March 2020

Installed capacity: In March 2020, newly installed **industrial RTS** accounted for **34.50 MWp**, **household RTS** for **11.01 MWp** and **administrative building RTS** for **2.54 MWp** (Figure 5).

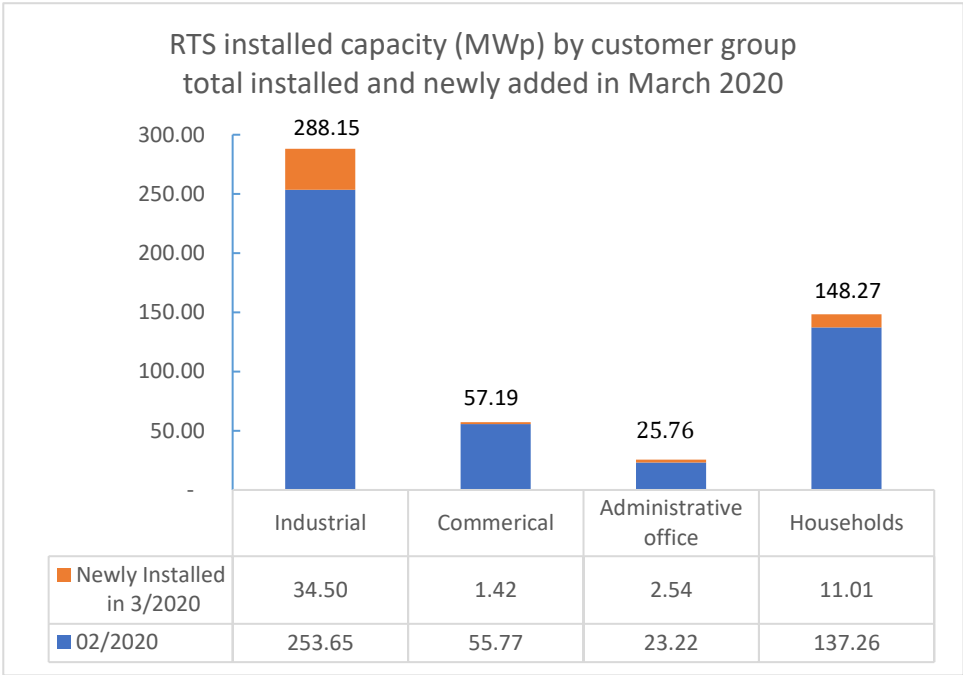


Figure 7. RTS installed capacity (MWp) by customer group – March 2020

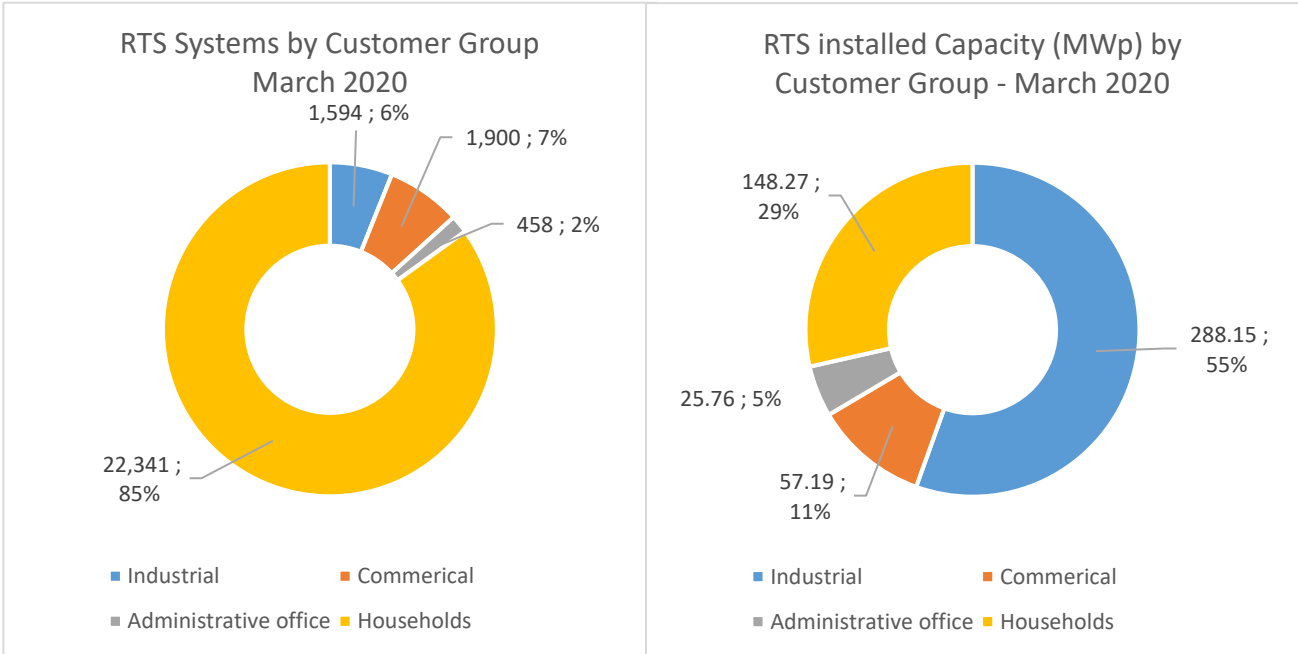


Figure 8. Breakdown of RTS systems and installed capacity - March 2020

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 Programme: <http://rooftopsolar.com.vn/>.