



Picture source: Viet Nam Energy Partnership Group

VIET NAM ENERGY PARTNERSHIP GROUP

Factsheet on Rooftop Solar Development

- January 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 the 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 January 2020.*

2. Summary of RTS Development by 31 January 2020

By end of January 2020, a total of **23,460** rooftop solar systems (RTS) with a capacity of **428.6 MWp** were installed in Viet Nam (end of December 2019: 22,232 systems/378 MWp). During January 2020, **1,137** rooftop solar systems with a capacity of **50.7 MWp** were newly installed. In January 2020, all installed rooftop solar systems delivered **27,409 MWh** (in December 2019: 21,529 MWh) to the national power grid (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/2020/03/RTS_Monitoring_EVN_Master_Sheet.xlsx

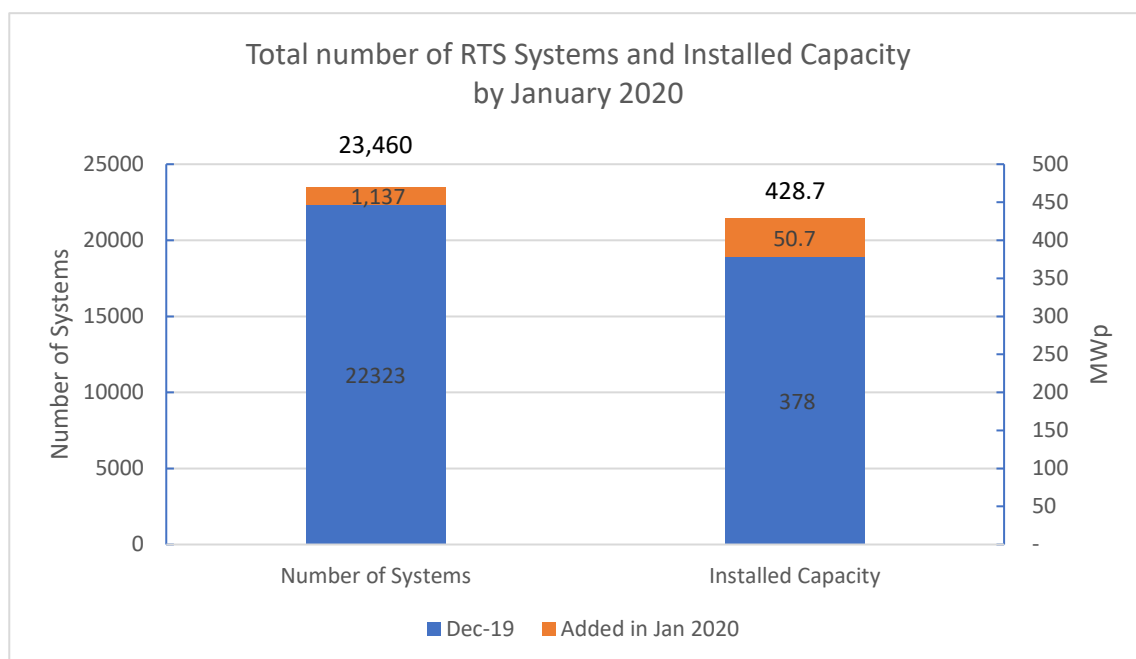


Figure 1. Total RTS Systems and Installed Capacity in Viet Nam by the end of January 2020

Ho Chi Minh City added the largest number of systems in the country with **275** newly installed RTS systems, most of them are Household systems. On the other hand, the province of **Đắk Lắk** added **7.6 MWp** which mostly are industrial rooftop systems. Table 1 and Table 2 present the top 5 provinces with the largest number of systems and largest capacity added in January 2020.

Table 1. Top 5 provinces with the highest newly installed capacity in January 2020

Province	Capacity added in January 2020 (MWp)
Đắk Lắk	7.6
Bình Dương	6.7
Long An	6.1
Ninh Thuận	5.8
HCMC	4.6

Table 2. Top 5 provinces with the largest number of RTS systems newly installed in January 2020

Province	Number of systems added in January 2020
HCMC	275
Bình Dương	70
Bà Rịa Vũng Tàu	60
Đà Nẵng	48
Bình Thuận	44

3. Geographical breakdown:

Power supplied to the grid in January: In January 2020, **The Southern Power Companies (EVN SPC)** generated more than half of the total solar energy supplied to the grid with **15,190 MWh** (Figure 2).

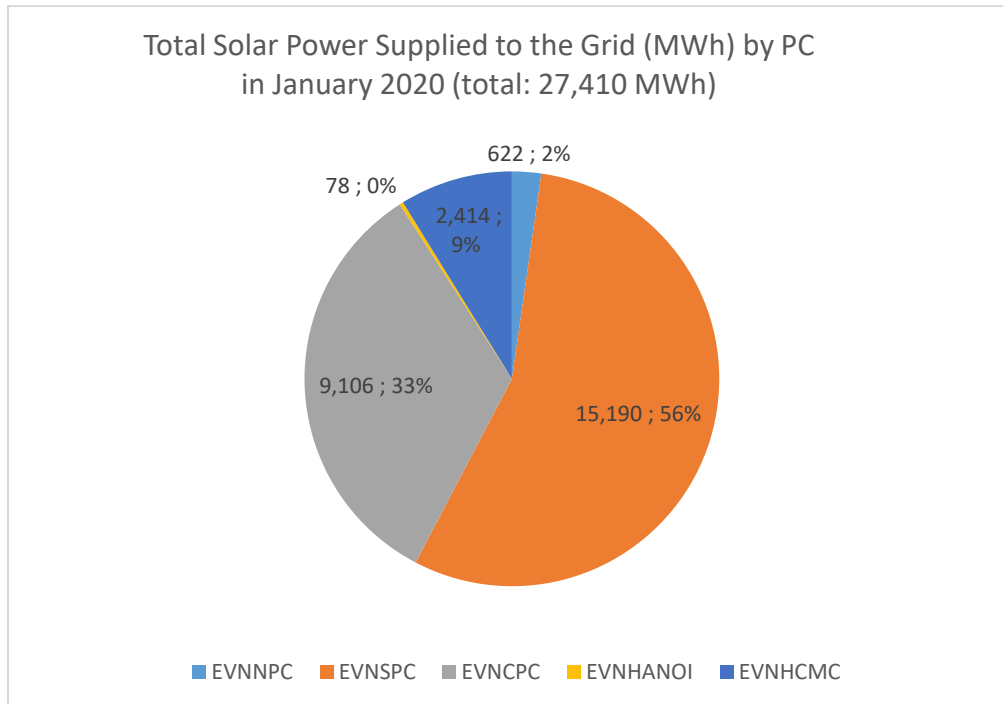


Figure 2. Total Generated Solar Power Supplied to the Grid (MWh) by PC in January 2020

Total number of installed systems and capacity by end of January: In total, EVN SPC still have the highest number of RTS systems and installed capacity, followed by EVN HCMC. (Figure 3)

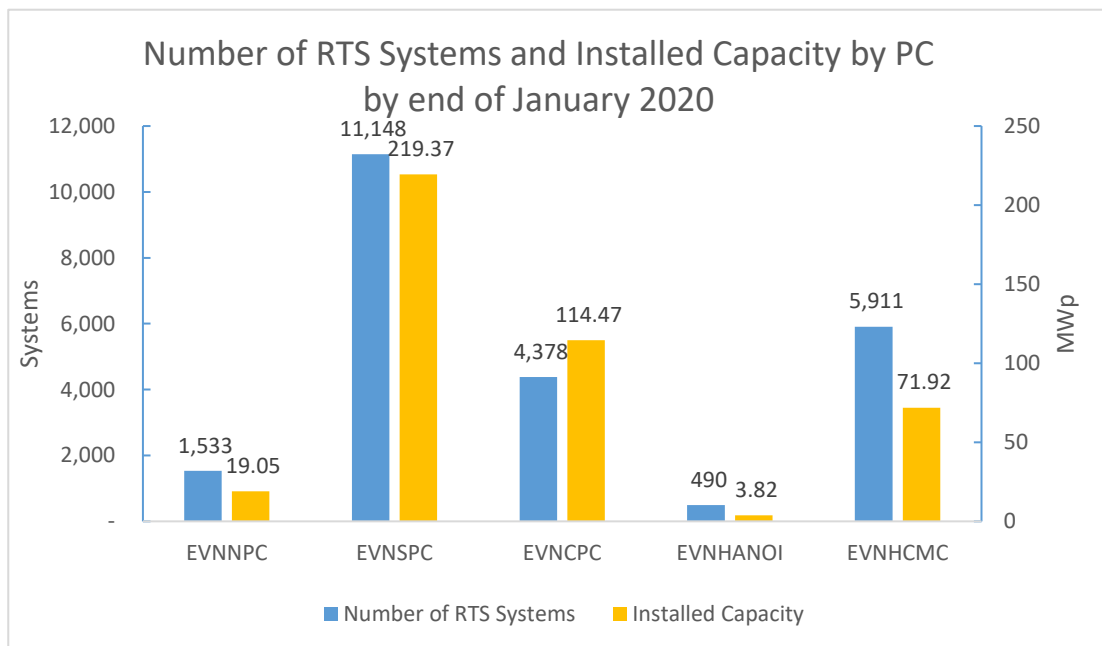


Figure 3. Total RTS systems and Total Installed Capacity by PC by end of January 2020

Number of installed systems and newly added capacity in January: In January 2020, EVN SPC also added the greatest number of RTS Systems and installed capacity with **549 systems accounting for 3.47 MWp** (Table 3).

Table 3. Number of RTS Systems and Capacity Added in January 2020

Power Companies	Number of Systems Added in 01/2020	Capacity (MWp) Added in 01/2020
EVNNPC	85	0.48
EVNSPC	549	3.47
EVNCPC	197	1.52
EVNHANOI	31	0.21
EVNHCMC	275	1.67

4. Breakdown by Customer Group:

Installed capacity: In January 2020, newly installed industrial RTS accounted for 35.11 MWp followed by household RTS with 7.4 MWp and commercial RTS with 5.4 MWp (Figure 4).

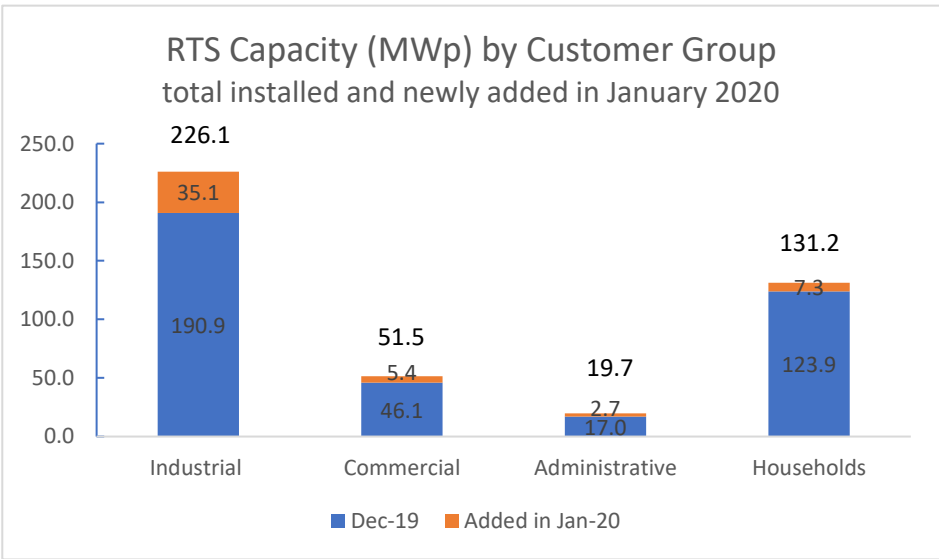


Figure 4. Total Installed Capacity by Customer Group (MWp)

Number of installed systems: In January 909 household systems, 116 industrial systems, 92 commercial and 20 systems on public buildings were installed (Figure 5).

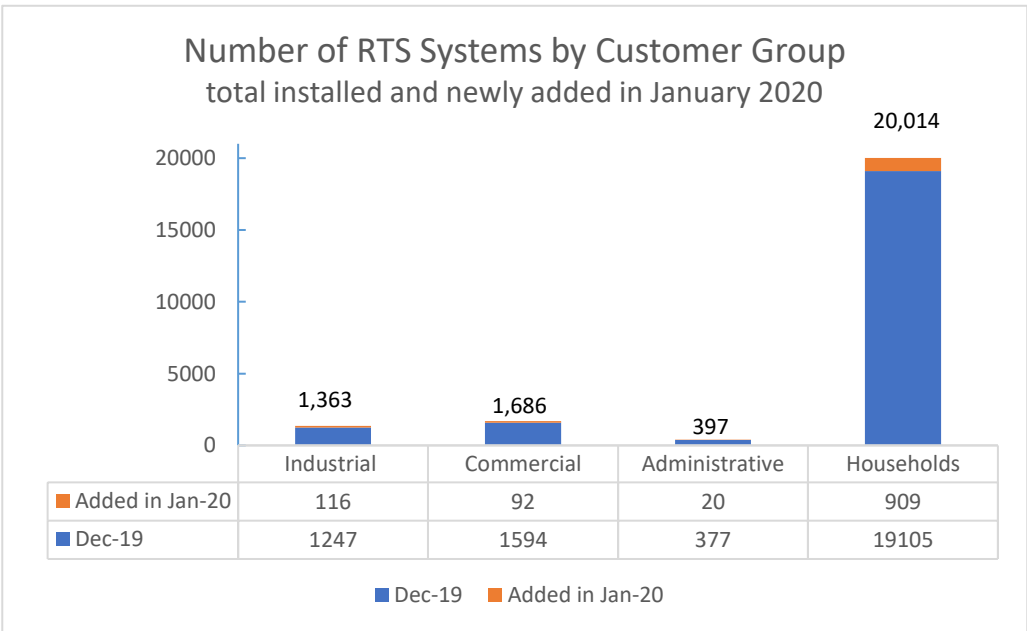


Figure 5. Number of RTS Systems by Customer Group by the end of January 2020