

## Data on Electricity Supply ⚡

The Department of Education aims to energize all public schools nationwide to enhance the teaching and learning environment and improve the quality of education regardless of whether the schools are in rural areas.

### SOURCES OF ELECTRICITY

- **GRID SUPPLY**- electricity coming from major or local power distributors (e.g., electric cooperatives such as ANTECO, BASELCO, CASURECO, MERALCO, NAPOCOR, etc.).
- **OFF-GRID SUPPLY**- electricity coming from alternative source of power (e.g., solar power, generator, hydro electric, micro hydro, wind turbine, windmill, etc.).
- **COMBINED GRID & OFF-GRID** - schools using both grid and off-grid as means of electrification
- **NO SOURCE OF ELECTRICITY**- without existing electrical supply at all.

98%

As of SY 2020-2021 data, **98%** of public schools in all levels of education have **electricity connection** regardless of sources of power (grid or off grid).

97.6%

**38,240**  
*Elementary school*

98.7%

**9,564**  
*Junior high school*

98.3%

**7,139**  
*Senior high school*

#### GRID SUPPLY

34,930 or 89.1%

#### OFF-GRID SUPPLY

2,668 or 6.8%

#### COMBINED GRID & OFF-GRID

642 or 1.6%

#### NO SOURCE OF ELECTRICITY

953 or 2.4%

#### GRID SUPPLY

8,838 or 91.2%

#### OFF-GRID SUPPLY

444 or 4.6%

#### COMBINED GRID & OFF-GRID

282 or 2.9%

#### NO SOURCE OF ELECTRICITY

130 or 1.3%

#### GRID SUPPLY

6,722 or 92.6%

#### OFF-GRID SUPPLY

183 or 2.5%

#### COMBINED GRID & OFF-GRID

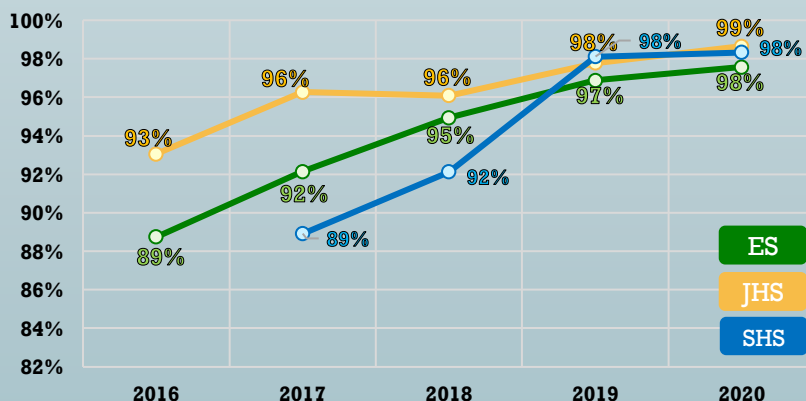
234 or 3.2%

#### NO SOURCE OF ELECTRICITY

121 or 1.7%

90% of public schools in all levels of education are energized with grid supply, while only 3% to 7% of schools have electricity using off-grid and combined grid & off-grid sources, respectively. However, a small number of schools representing two percent (2%) are not yet energized.

### Historical Data on Schools with Electricity

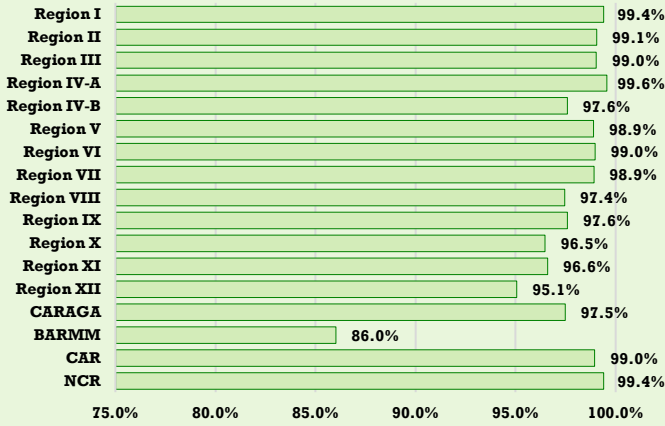


Based on PDP Targets for Basic Education Social Infra (Connection to Electricity of Schools), the set target for the year 2022 are: a) 95% in elementary; and b) 100% both junior and senior high school. Assessing the most recent data, the elementary level has already surpassed the set target since SY 2018, while junior high school and senior high school were close by 1% to 2% into targets.



# SY 2020-2021 Schools with Electricity by level of education (by Region)

## Elementary Level



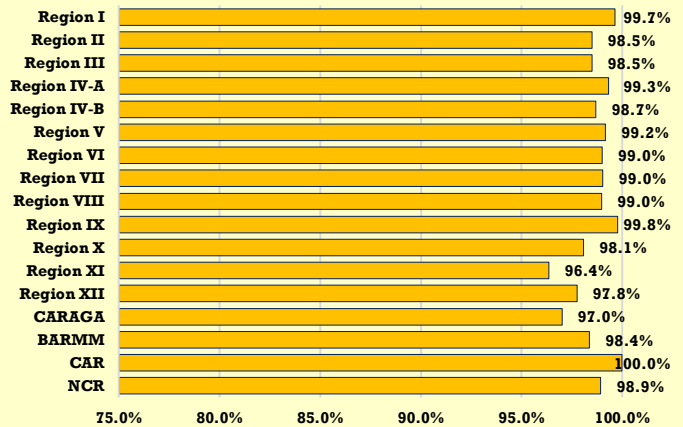
16 out of 17 regions are above 95%, surpassing the year 2022 target at the Elementary level. BARRM was 9% behind the target. 7 regions recorded at 99.0% is 4% above the target. Also, Region IV-A acquired the highest percentage of schools with electricity connections.



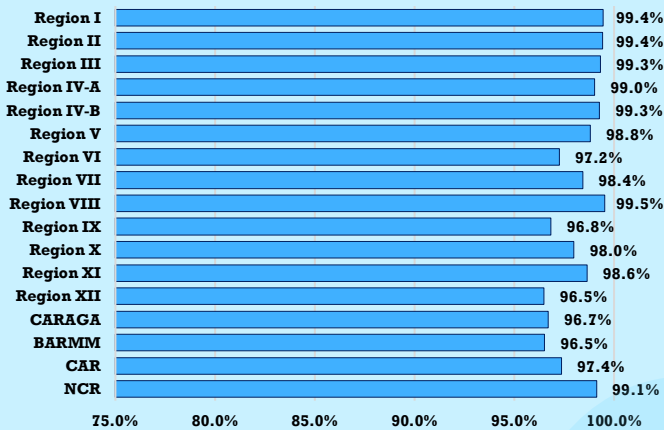
Remarkably, among the 17 regions, Cordillera Administrative Region (CAR) Public Junior High Schools are all energized. 7 regions reported that 99% of their schools have electric connections. The other 9 regions have at least 96% to 98%, not far from the 100% target.



## Junior High School



## Senior High School



At the Senior High School level, all regions are above 96% and averaging 98% at the national level. But most of the regions are still 1% to 2% behind the 100% national target.



## Action Steps:

- The Department of Education aims to energized those schools located in remote areas and provide alternative source of electricity such as solar panels for students and teachers to have a more conducive learning environment and better access to quality education.