

# St. Albert's College (Autonomous)

An initiative of Educational and Charitable Trust of Archdiocese of Verapoly

Accredited by National Assessment and Accreditation Council (NAAC) at 'A' Grade  
with a CGPA of 3.24, ISO 9001:2015 certified  
Affiliated to Mahatma Gandhi University, Kottayam, Kerala


13 December 2021

These are the details of the power requirement of the institution met by renewable energy sources

| Year | RE source   | Total power requirement | Power requirement met by RE sources | RE generated and used | Energy supplied to the grid |
|------|---|-------------------------|-------------------------------------|-----------------------|-----------------------------|
| 2017 | Solar Panels -160 no.s<br>(250 watts each)<br>Total- 40KW | 60570 kWh               | 10800 kWh                           | 10800 kWh             | 300 kWh                     |
| 2018 | Solar Panels -160 no.s<br>(250 watts each)<br>Total- 40KW | 66930 kWh               | 13200 kWh                           | 13200 kWh             | 0                           |
| 2019 | Solar Panels -160 no.s<br>(250 watts each)<br>Total- 40KW | 61560 kWh               | 12930 kWh                           | 12930 kWh             | 0                           |
| 2020 | Solar Panels -160 no.s<br>(250 watts each)<br>Total- 40KW | 35580 kWh               | 16830 kWh                           | 16830 kWh             | 7140 kWh                    |
| 2021 | Solar Panels -160 no.s<br>(250 watts each)<br>Total- 40KW | 45750 kWh               | 15000 kWh                           | 15000 kWh             | 1350 kWh                    |

|                  |   |            |           |           |          |
|------------------|---|------------|-----------|-----------|----------|
| <b>2017-2021</b> | Solar Panels -160 no.s<br>(250 watts each)<br>Total- 40KW | 270390 kWh | 68760 kWh | 68760 kWh | 8790 kWh |
|------------------|---|------------|-----------|-----------|----------|



  
Principal  
PRINCIPAL IN CHARGE  
ST ALBERT'S COLLEGE  
(AUTONOMOUS)  
ERNAKULAM, KOCHI - 18