7.1.2

The Institution has facilities for alternate sources of energy and energy conservation measures

1. Solar energy

2. Biogas plant

3. Wheeling to the Grid

4. Sensor-based energy conservation

5. Use of LED bulbs/ power efficient equipment

Options:

A. Any 4 or all of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1of the above

E. None of the above

Upload:

• Geotagged Photographs

• Any other relevant information

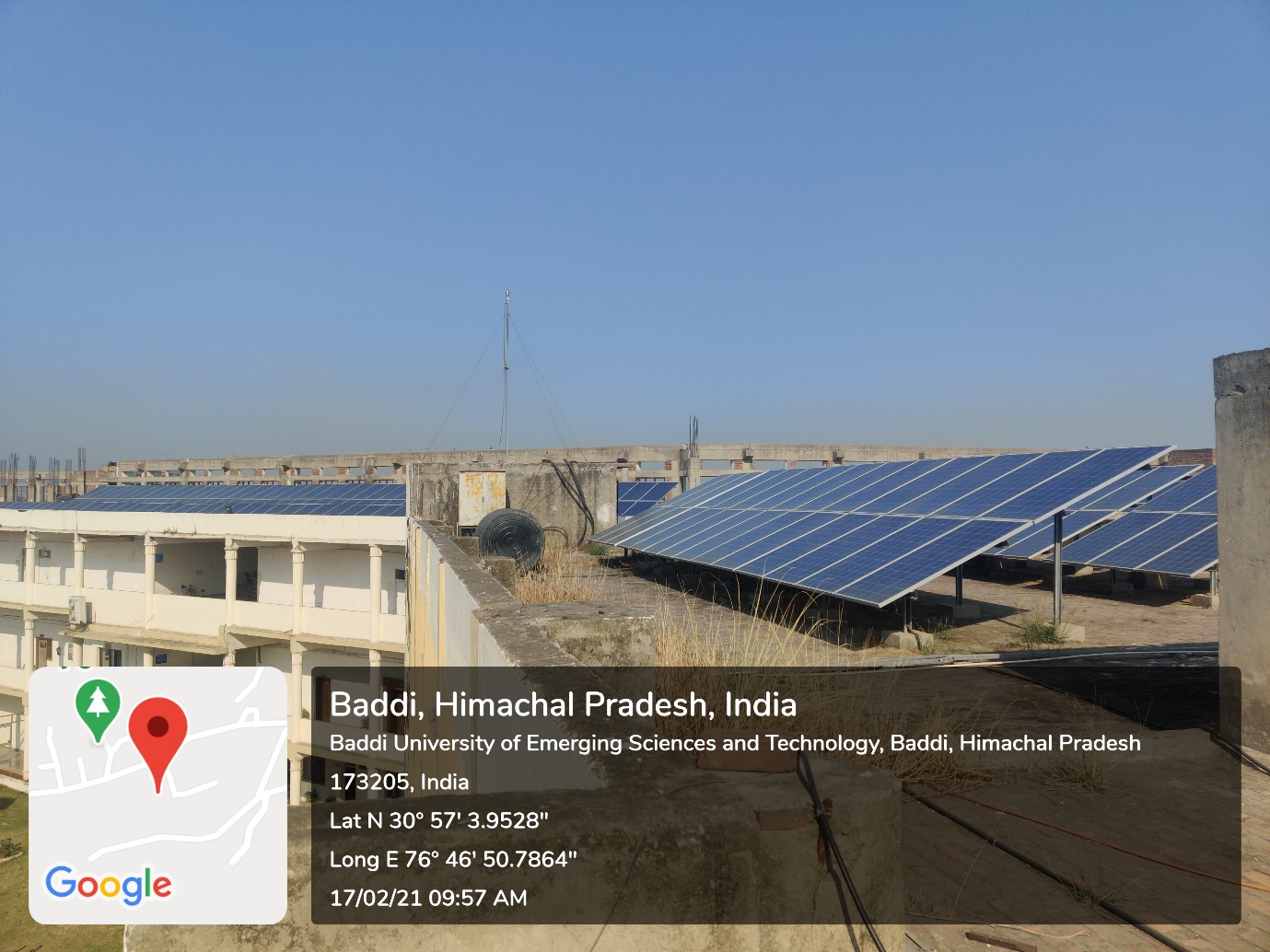
1. **Solar Energy**

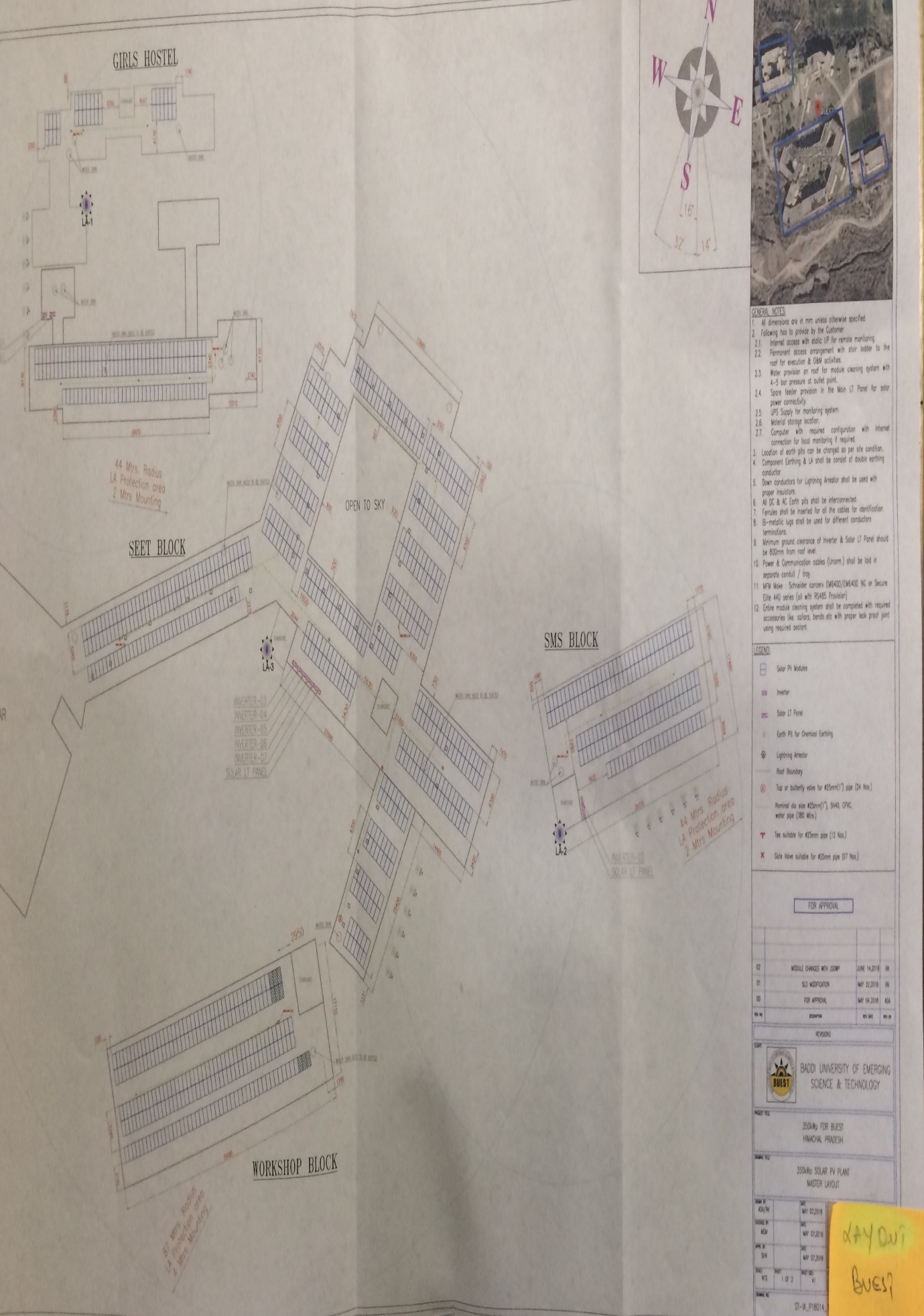
**Plant Capacity (DC): - 350.4 kwp**

**Plant Capacity (AC): - 357 kwp**

|  |  |  |
| --- | --- | --- |
| **S.No.** | **Year** | **Total Energy Generated(kWh)** |
| 1 | 2018 (Nov-Dec) | 91810.51 |
| 2 | 2019 | 4,12,055.32 |
| 3 | 2020 | 4,54,099.44 |
| 4 | 2021 | 444127.00 |
| 5 | 2022 | 498313.00 |
| 6 | 2023 | 435841.00 |

Actual Plant Picture

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1. Biogas Plant

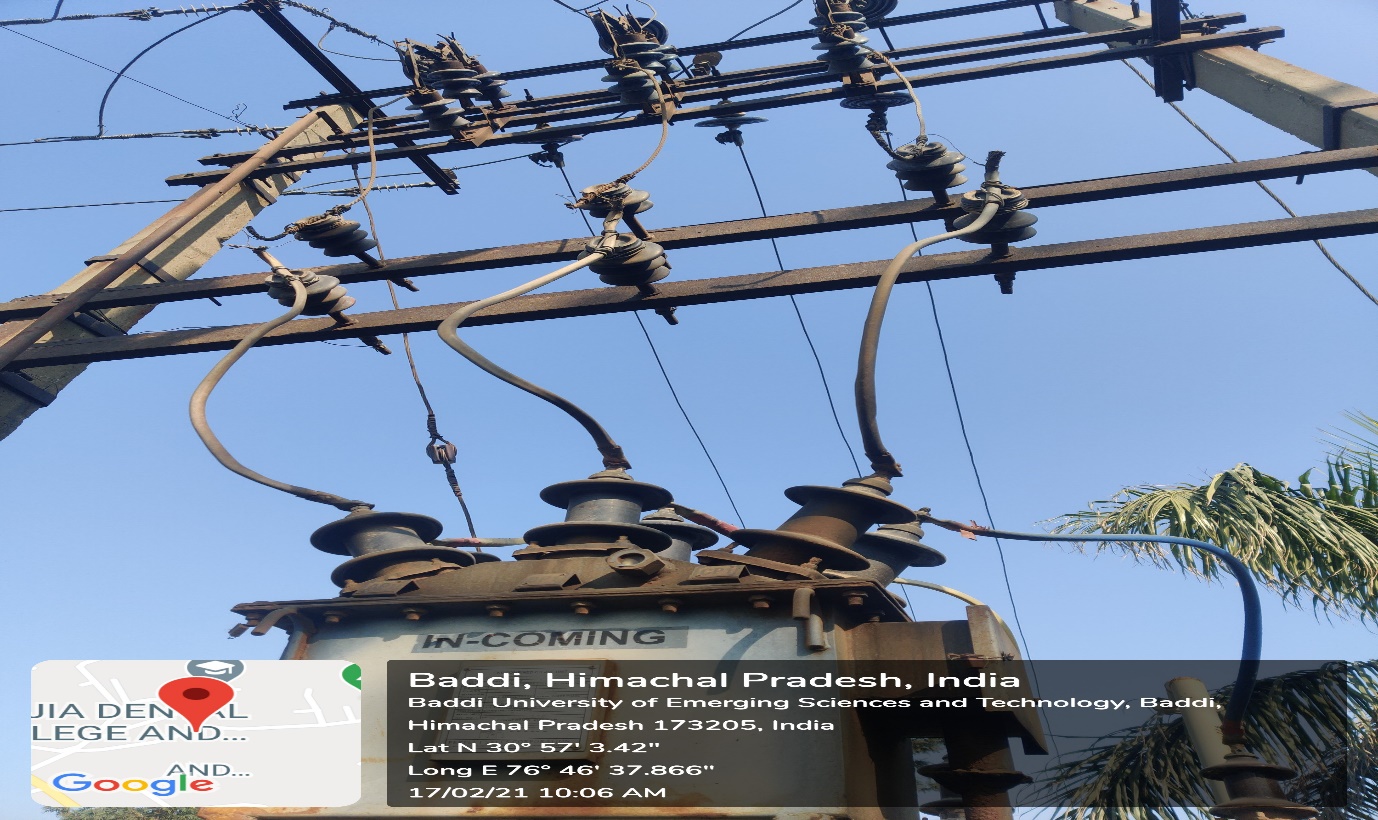
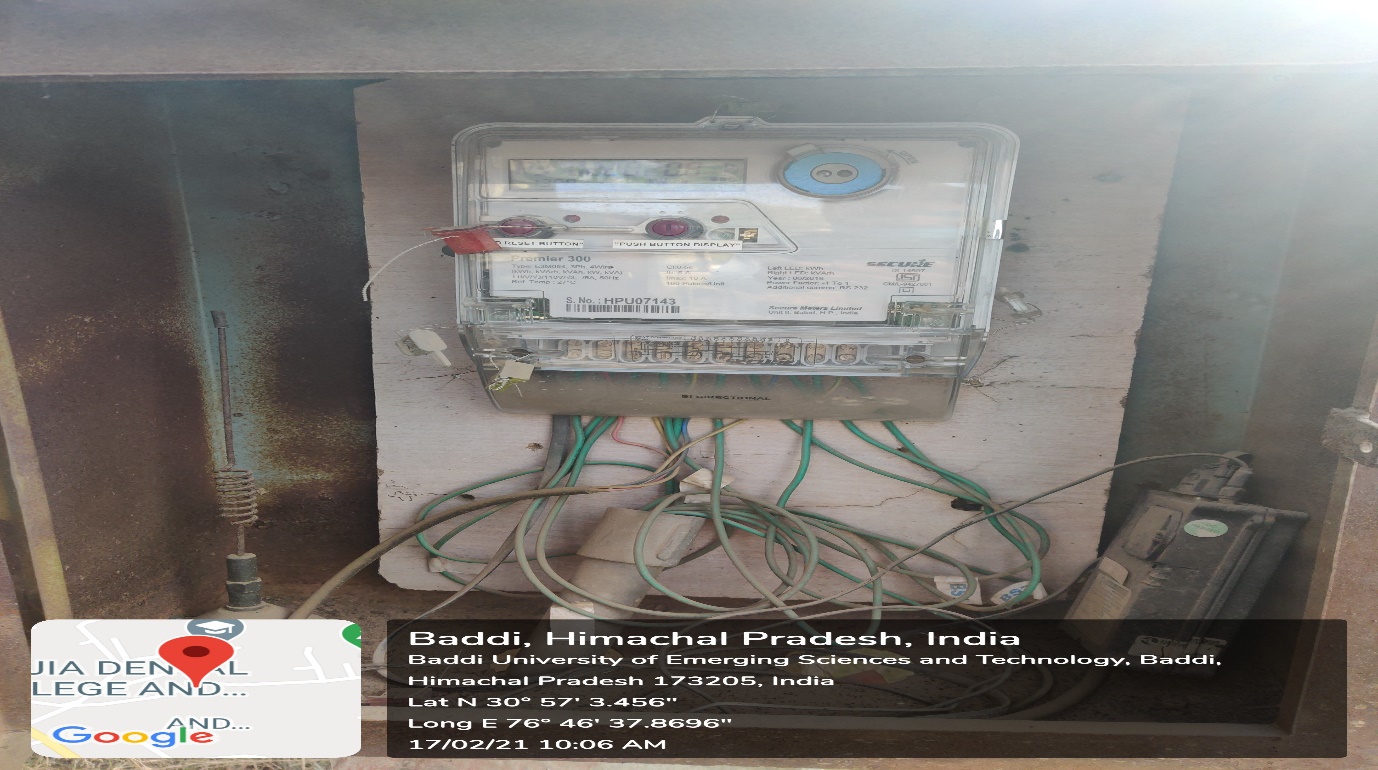
N/A

1. **Wheeling to grid**

It refers to the process of transmission of electricity through the transmission lines.

The University campus have a on grid solar power plant and the extra energy units generated by solar power plant exported to grid through net meter.

Actual images of Wheeling to grid.



Use of LED bulbs/ power efficient equipment

