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7.1.3: The Institution has facilities for Alternate sources of energy and energy conservation devices.

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INTERNAL QUALITY ASSURANCE CELL

CRITERIA 7 - INSTITUTIONAL VALUES & BEST PRACTICES

7.1 Institutional Values and Social Responsibilities

7.1.3: The Institution has facilities for Alternate sources of energy and energy conservation devices.

- Solar energy
- Wheeling to the Grid
- Sensor based energy conservation
- Use of LED bulbs/ power efficient equipment





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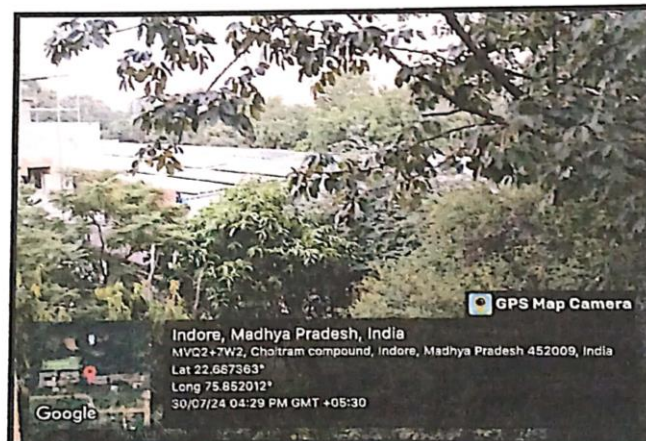


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1. USE OF SOLAR ENERGY

33-KV Three phase Solar Panel installed in the institute campus





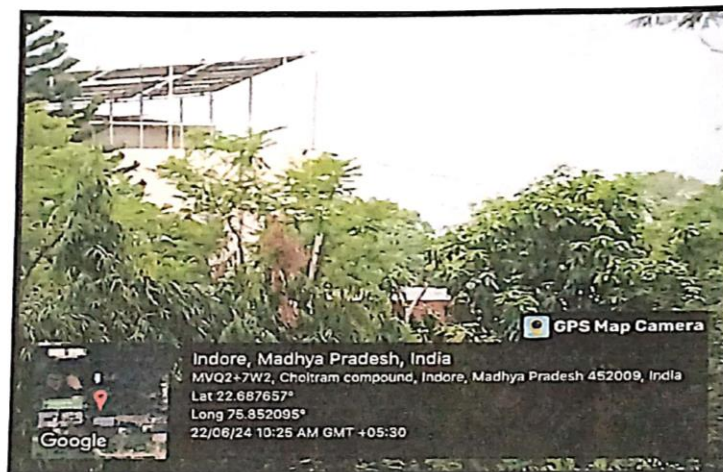
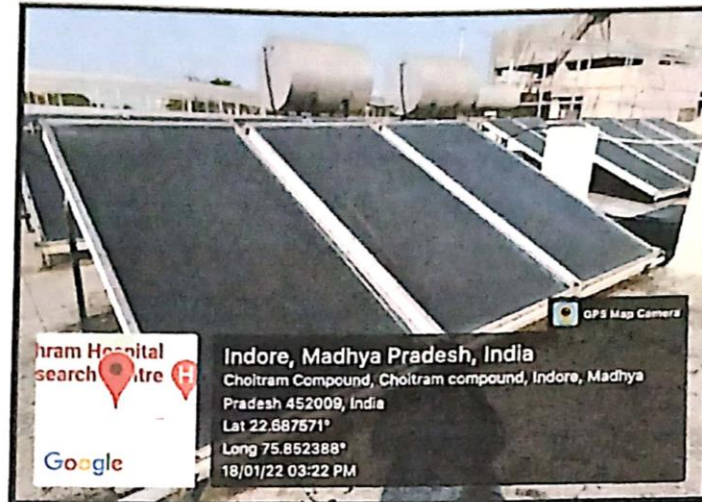
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Geo-tagged Photographs of Solar Panels





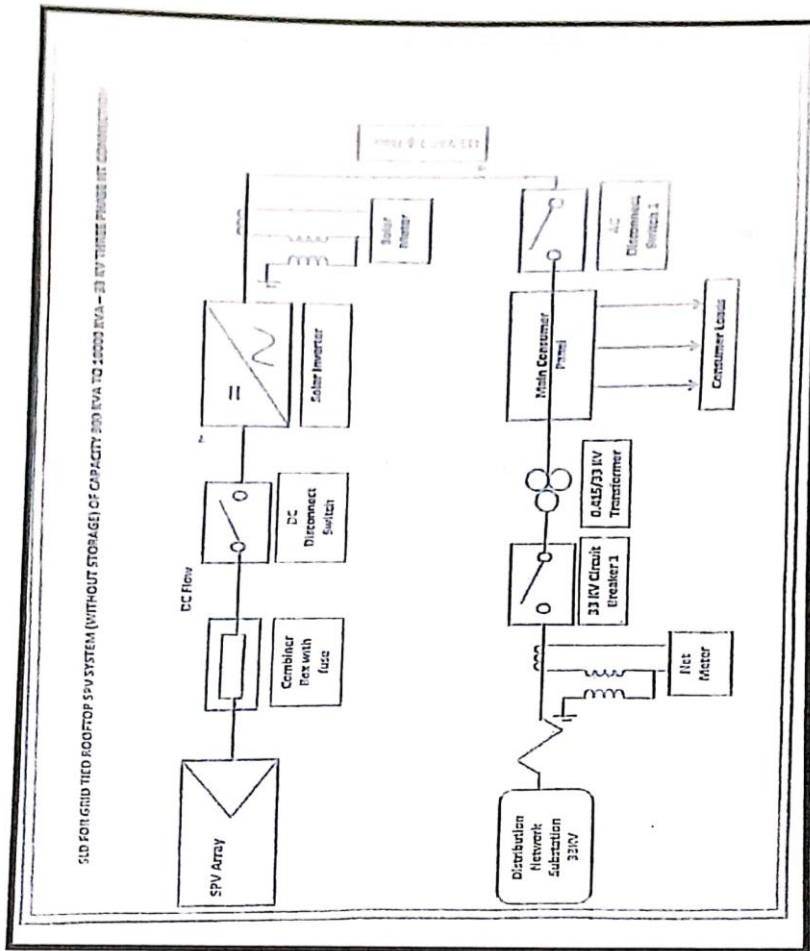
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Generation and Distribution System





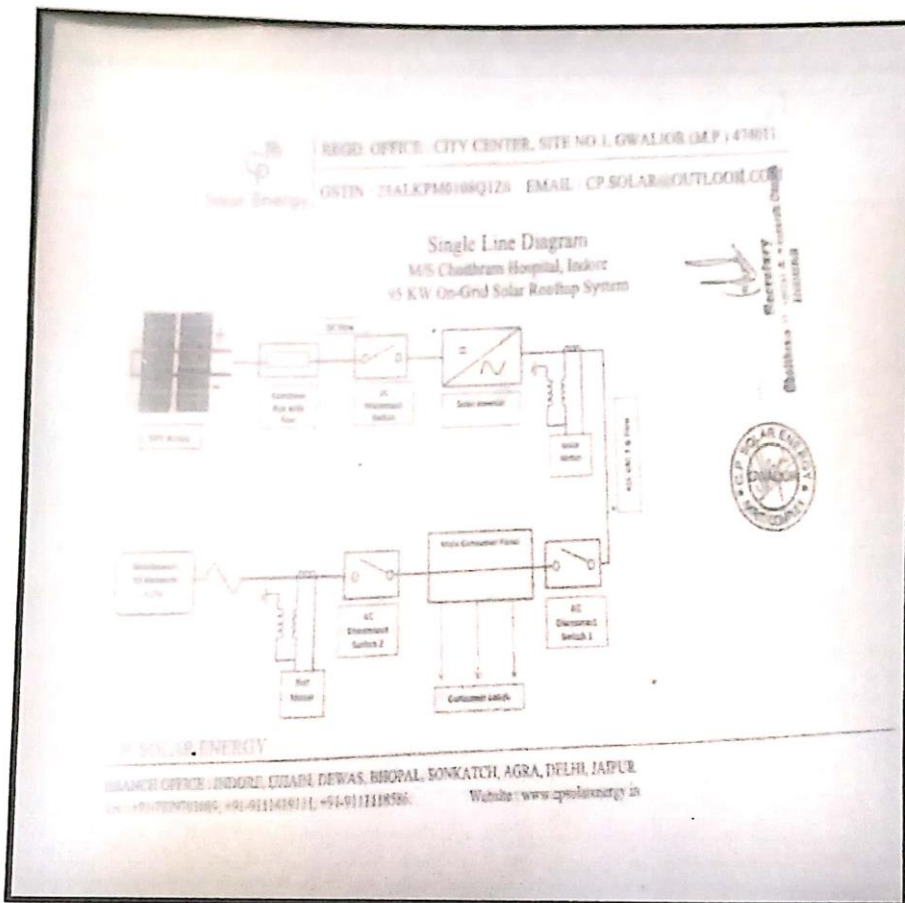
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Supplier Company Invoice





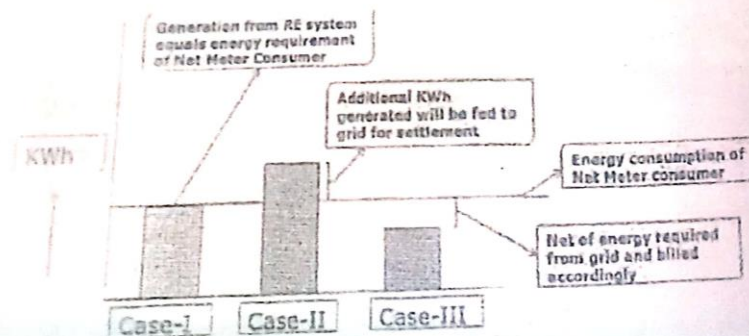
2. WHEELING OF GRID

Net Metered RE System (Category-I)

3. POSSIBLE OPERATING MODES FOR ROOFTOP RE SYSTEMS

3.1 Net Metered RE Systems ("Category -I")

A Grid Connected RE System is installed in the 'Premises' as defined in para 2 (m) of this policy, to generate electricity. The power so generated is first consumed in the same Premises and the surplus power (if any) is fed to the grid of Distribution Licensee. In case, requirement of the Premises is more than the renewable power being generated, the extra power is drawn from the grid. There is energy accounting with the grid, which is explained below:-





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33 KVA -Sub -station in Campus





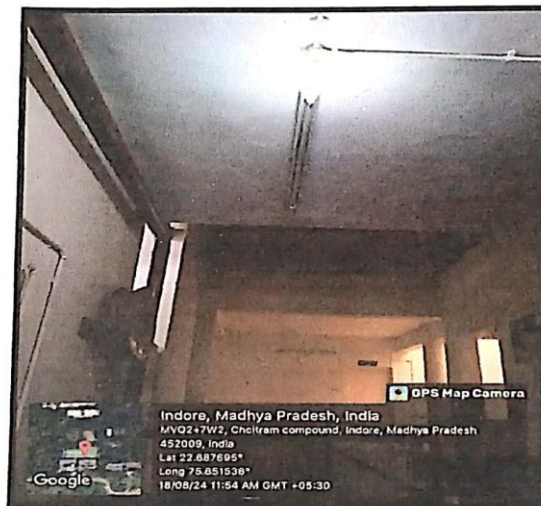
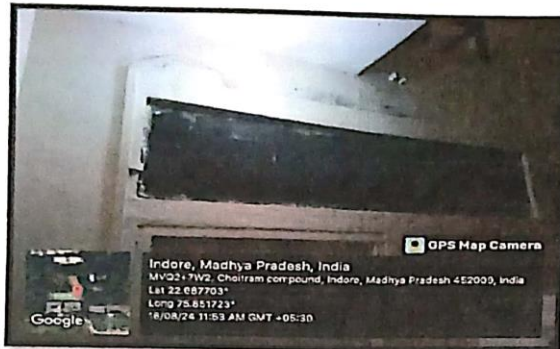
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Motion Sensor based Lights/bulbs





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4. USE OF LED BULBS/POWER EFFICIENT EQUIPMENTS



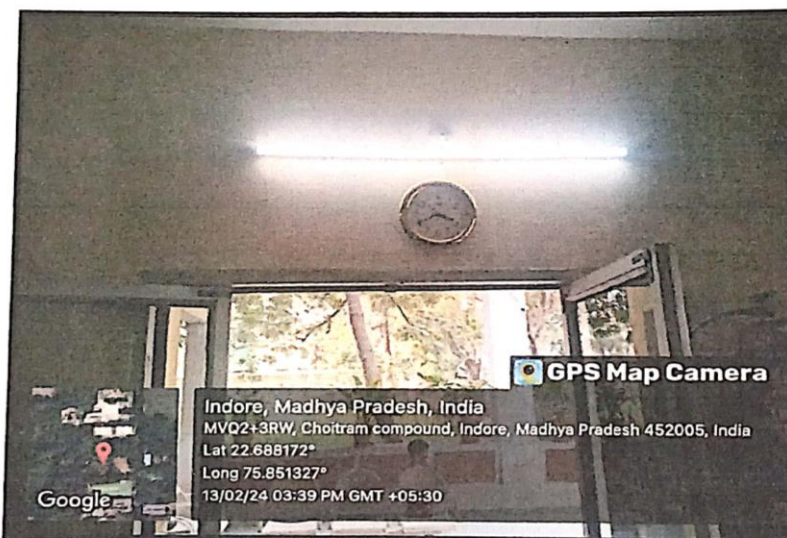
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Indore, Madhya Pradesh 452009, India

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Longitude
75.8518055°

Local 09:54:41 AM
GMT 04:24:41 AM

Altitude 501.4 meters
Friday, 28-01-2022



Indore, Madhya Pradesh, India
MVQ2+3RW, Choithram compound, Indore, Madhya Pradesh 452005, India
Lat 22.688172°
Long 75.851327°
13/02/24 03:39 PM GMT +05:30






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GPS Map
Camera Lite

Choitram Compound, Choitram compound,
Indore, Madhya Pradesh 452009, India

Latitude	Longitude
22.6877134°	75.8518055°
Local 09:54:52 AM	Altitude 501.4 meters
GMT 04:24:52 AM	Friday, 28-01-2022



GPS Map
Camera Lite

Choitram Compound, Choitram compound,
Indore, Madhya Pradesh 452009, India

Latitude	Longitude
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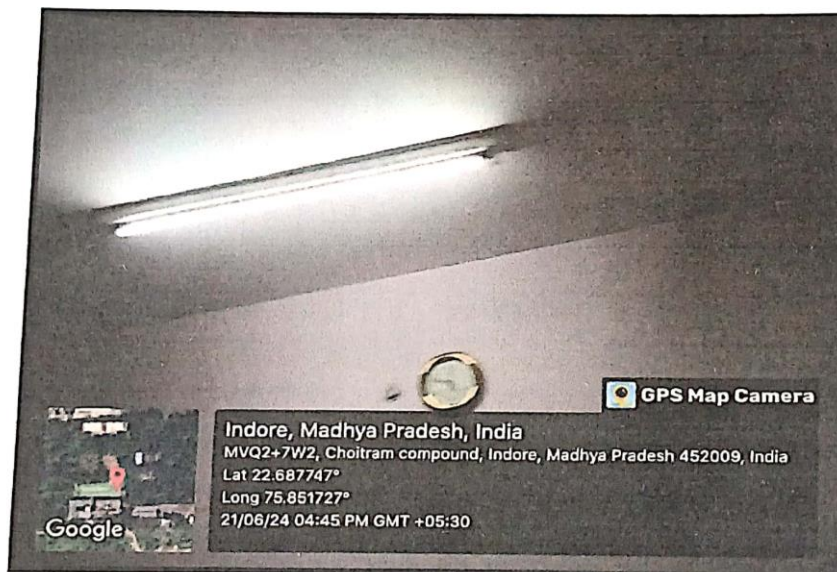
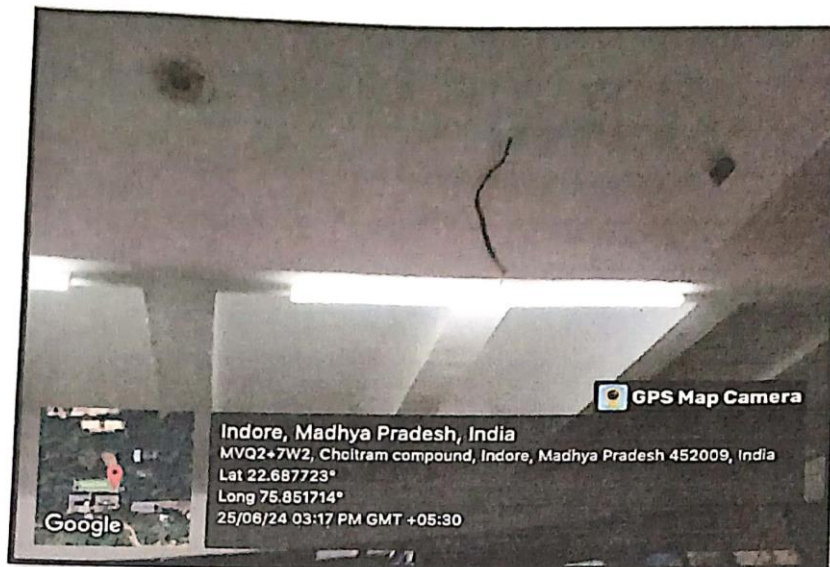
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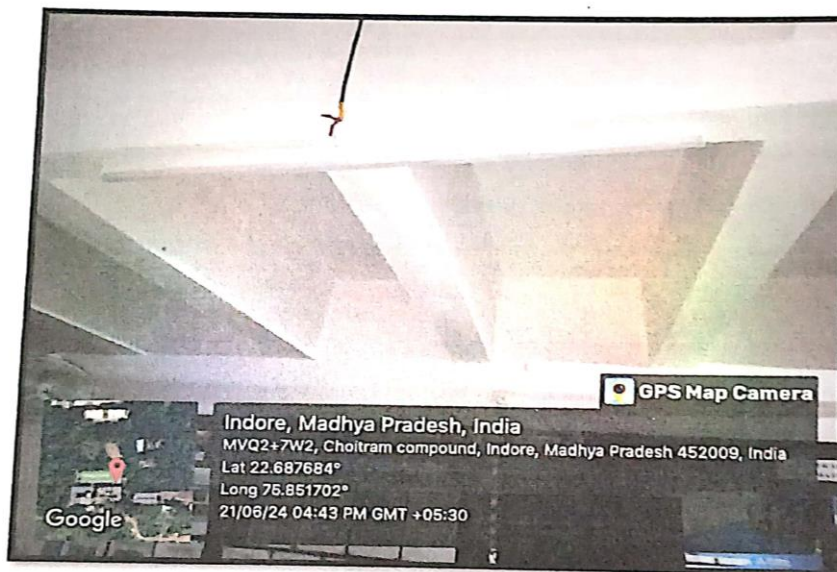
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Geo-tagged Photographs of LED Lights [Power efficient Equipment's]





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Energy Conservation Strategies in Institution

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