

Template for Evidence(s) UI GreenMetric Questionnaire

University : IFSULDEMINAS
Country : BRAZIL
Web Address : <https://www.ifsuldeminas.edu.br/index.php>

[2] Energy and Climate Change (EC)

[2.5] Renewable energy produce inside campus

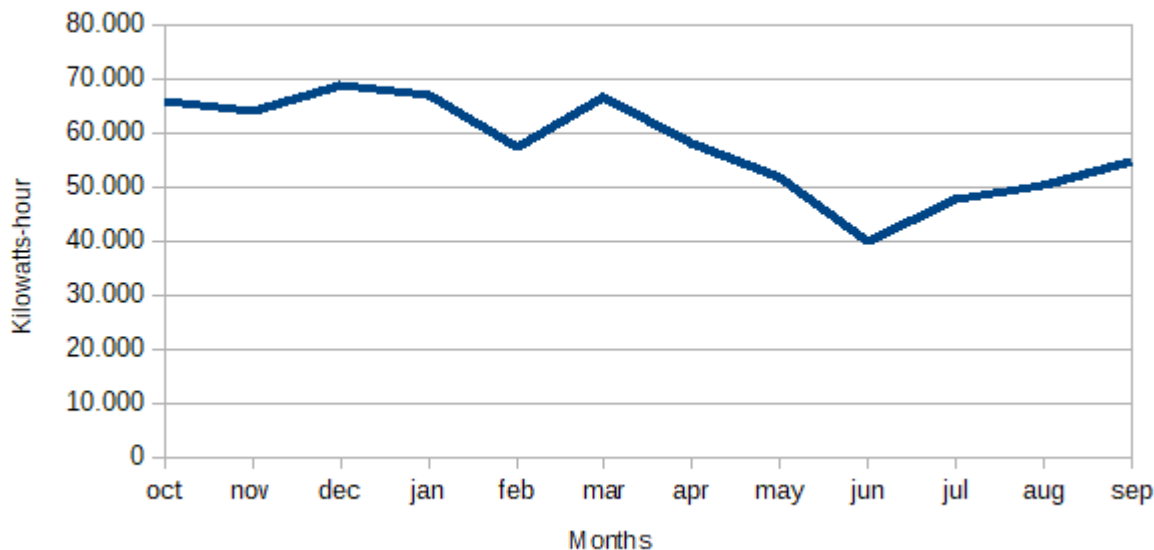


Description:

A. Renewable energy produced by units of IFSULDEMINAS

- Only in IFSULDEMINAS are 9 (nine) solar power plants who generated **691,348** kWh in the last 12 months. This result represents an approximate savings of US\$ 122,341.00. Each power plant installed costed approximate US\$ 126,168.00. So, a plant is paid in approximately 8 years. The plants have a useful life of 25 years.

IFSULDEMINAS - Photovoltaic Energy Production (kWh)



Source: Fronius Solarweb. Available at: <https://www.solarweb.com/>.

- The Campus Muzambinho have a Hydropower – Hydroelectric Power plant who generated **311,547** kWh in the last 12 months. Source: Administration and Planning Directory of the Campus Muzambinho.
- The Campus Muzambinho have a Clean Biomass/Biogas plant who generated **57,714** kWh in the last 12 months. Source: Administration and Planning Directory of the Campus Muzambinho.

Figures:

1. Campus Muzambinho
Clean biomass/biogas
<https://www.muz.ifsuldeminas.edu.br/index.php/gerais/2033-mdl-na-suinocultura>
2. Campus Muzambinho
Hydropower – Hydroelectric Power
<https://www.muz.ifsuldeminas.edu.br/index.php/gerais/3636-campussustentavel>
3. Rectory – Pouso Alegre
1/9 – Solar power plant – photovoltaic panels
4. Campus Passos
2/9 – Solar power plant – photovoltaic panels
5. Campus Poços de Caldas
3/9 – Solar power plant – photovoltaic panels
6. Campus Pouso Alegre
4/9 – Solar power plant – photovoltaic panels
7. Campus Muzambinho
5/9 – Solar power plant – photovoltaic panels
8. Advanced Campus Três Corações
6/9 – Solar power plant – photovoltaic panels
9. Campus Machado
7/9 – Solar power plant – photovoltaic panels
10. Campus Inconfidentes
8/9 – Solar power plant – photovoltaic panels
11. Advanced Campus Carmo de Minas
9/9 – Solar power plant – photovoltaic panels
12. Solar Seal, certification awarded to IFSULDEMINAS by the Institute for the Development of Alternative Energies in Latin America - Ideal Institute. Available at:
<https://portal.ifsuldeminas.edu.br/index.php/institucional-geral/76-acontece-nos-campus/2238-sustentavel-instituto-federal-do-sul-de-minas-recebe-selo-solar;>
https://pcs.ifsuldeminas.edu.br/index.php?option=com_content&view=article&id=3259:sustentabilidade&catid=34:geral&Itemid=58; [https://www.mch.ifsuldeminas.edu.br/images/Sustentabilidade.pdf;](https://www.mch.ifsuldeminas.edu.br/images/Sustentabilidade.pdf)