**Thermal Energy**

**(TE02)**



|  |  |
| --- | --- |
| **Fact Sheet TE02: Register the hotel' total thermal energy use at least once per month** | |
| **Overview** | |
| *Objective* | Document and control thermal energy consumption. |
| *Action* | Register natural gas or diesel consumption monthly for controlled thermal energy usage. |
| *Key Challenges* | The consistency in registering and documenting consumptions. |
| **Process** | |
| *Complexity* | Low – taking readings and documenting |
| *Equipment & Material* | No equipment needed |
| *Human Resources* | Technicians for collecting the readings monthly |
| **Considerations** | |
| *Regulatory Aspects* | None |
| *Economic* | Low CAPEX, Low OPEX, Savings depend on the analysis done on the thermal energy use registered. (hard to be generalized) |
| *Advantages* | * Reduction in gas/electrical bill. * Reduction in CO2 emissions. * Following up with the high consumption points in the thermal system and make modifications for reduction in consumptions. |
| *Disadvantages* | Possible need for additional flow meters. |
| **Impacts** | |
| *Environmental* | Environmentally friendly approach, pollution reduction as a result to CO2 reduction |
| *Employment Opportunities* | Low – technical labors |