**Electrical Energy**

**(EE13)**



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| **Fact Sheet EE13: Consider installing timer switches on bathroom heat lamps and connecting bathroom exhaust fans to light switches to reduce excessive operation** |
| **Overview** |
| *Objective* | Reduce the electrical energy consumption in hotel’ guest rooms |
| *Action* | Install timer switches on bathroom heat lamps and connecting bathroom exhaust fans to light switches |
| *Key Challenges* | Coordinating the installation process with room occupation |
| **Process** |
| *Complexity* | Low, commercial off-the-shelf products |
| *Equipment & Material*  | Timer switches and any new switches |
| *Human Resources* | Maintenance and engineering department personnel |
| **Considerations** |
| *Regulatory Aspects* | None |
| *Economic*  | Low CAPEX, low OPEX and relatively high expected savings |
| *Advantages* | * Easy to implement
* Low disruption to guests
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| *Disadvantages* | None |
| **Impacts** |
| *Environmental* | Pollution reduction by avoiding CO2 emissions |
| *Employment Opportunities* | None |