**Thermal Energy**

**(TE03)**



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| **Fact Sheet TE03: Use a pool cover when the area is not in use** |
| **Overview** |
| *Objective* | Reduce heat losses and water evaporation (which amounts to more heat losses) from the pool area. |
| *Action* | Use a pool cover when the area is not in use. |
| *Key Challenges* | Rain can cause overweight on the cover which can cause it to sag or tear. |
| **Process** |
| *Complexity* | Low |
| *Equipment & Material*  | The pool cover material, the equipment for covering and uncovering the pool in case of automatic pool covers |
| *Human Resources* | Labors for operating and maintaining the pool cover  |
| **Considerations** |
| *Regulatory Aspects* | None |
| *Economic*  | Low CAPEX, Low OPEX, Low savings |
| *Advantages* | * Reduction in gas/electrical bill.
* Reduction in CO2 emissions.
* Reducing water consumption.
* Avoiding insects and dust to get into pool.
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| *Disadvantages* | The pool cover is useless during summer. |
| **Impacts** |
| *Environmental* | Environmentally friendly approach, pollution reduction as a result to CO2 reduction |
| *Employment Opportunities* | Low – technical labors |