

**Water**

**Solution Card 1: Installation of continuous batch washing system (tunnel wash) instead of washer extractors and dryers**

|  |  |  |
| --- | --- | --- |
| **Solution Card 1: Installation of continuous batch washing system (tunnel wash) instead of washer extractors and dryers** | | |
| **Inputs** | | |
| Hotel |  | |
| **Assumptions** | | |
| Hot water consumption | .. L/Kg | |
| Cold water consumption | .. L/Kg | |
| Total electric load | .. KW | |
| Detergents cost | .. EGP/Kg | |
| Operation | .. hr/day | .. days/year |
| **Constraints** | | |
| Fuel prices | .. USD/MBTU (2019/2020) | |
| Water price | .. USD/m3 (2019/2020) | |
| Cost of Energy | .. cents/kWh | |
| **Proposed Solution** | | |
| Description | Installing tunnel wash 1200 Kg/hr | |
| **Economic Features** | | |
| Average CAPEX | EGP .. | |
| OPEX | .. | |
| Annual Savings | .. | |
| Payback Period | ..year | |
| Lifetime | .. years | |
| Annual CO2 Reduction | .. tCO2e | |