

**Water**

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

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| **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 |