Table 4: Material Balance for NPP in Indonesia

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| --- | --- |
| Description | Quantity |
| Reactor Type | PWR |
| Reactor Power | 500 MWe |
| Burn-Up | 42 GWd/ton U |
| Efficiency | 34,20% |
| Operating Period | 365 days |
| Electricity Production | 9720,042 GWh/days |
| Uranium Fuel Consumption | 31,98601 ton |
| Uranium Ore Consumption | 120000 ton |
| Natural Uranium Consumption U3O8 | 271,01084 ton |