

Calculate Saving from Electricity Tariff

Step 1. Convert tonnes of coal into kWh

<https://www.convertunits.com/from/tonne+of+coal+equivalent/to/kWh>

The screenshot shows a web browser at the URL <https://www.convertunits.com/from/tonne+of+coal+equivalent/to/kWh>. The page features a search bar with the text "Convert tonne of coal equivalent to kWh - Conversion of Measurement Units". Below the search bar, there are two input fields: "55000" for "tonne of coal equivalent" and "447755000" for "kWh". A "Convert" button is located below these fields. The page also includes a sidebar with links to "Energy", "Metric System", "Date Calculator", "Salary Calculator", "Molecular Weight", and "Discussion Forum".

Step 2. Find the industrial electricity tariff rate

<https://www.china-briefing.com/news/china-electricity-prices-industrial-consumers/>

From the above site, the unit rate is US\$0.084/kWh, which is equal to RMB\$0.57/Kwh

Step 3. Calculate the electricity tariff saved

$= 447,755,000 * 0.57\text{RMB/unit} = \text{RMB\$}255,220,350$

Calculate Saving from Water Bill

Step 4. Find water consumption unit rate

<https://www.ceicdata.com/en/china/price-monitoring-center-ndrc-transaction-price-production-material-water-industrial-use/cn-usage-price-industrial-use-water-s/>

From the site, it is RMB\$4.73

Step 5. Calculate the saving from water bill

$= 2,000,000 * 4.73 = \text{RMB\$}9,460,000$

Step 5. Calculate total saving

$= 255,220,350 + 9,460,000$

= RMB\$ 264,680,350.00