

SolarInnovate Energy Solutions

How much does Dubai s energy storage vehicle products cost



Overview

Are EVs a good investment in the UAE?

At current electricity and petrol prices in the UAE, EVs close to cost parity with their conventional alternatives when factoring in the savings in fuel costs. Global production and competition will increase in the coming years and this will drive further falls in the cost and improve the economics further.

How much does EV charging cost in Dubai?

In Dubai, DEWA have set a flat tariff for EVs of 29 fils/kWh* (waived for non-commercial users until end-2021) at their charging stations. Home charging in Dubai will be cost the at the standard retail tariff of 29.5 to 44.5 fils/kWh** (depending on which).

Why is energy storage important in Dubai?

“We follow the vision and directives of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, to ensure energy security and sustainability. Energy storage is a vital aspect in ensuring energy sustainability and increasing the reliance on clean and renewable energy sources.

How many EVs are there in Abu Dhabi?

Abu Dhabi has witnessed significant growth in its electric vehicle fleet, with 2,441 EVs, 4,138 hybrid vehicles, and 9,412 natural gas vehicles on its roads as of late 2023. However, EVs still represent less than 1.3% of the total vehicles in the region. Currently, there are around 250 public EV charging stations in Abu Dhabi.

What are the benefits of EVs in Dubai?

However, perhaps the most interesting benefit is the potential for EVs to integrate the transport and electricity sector like never before. Dubai has stated a target of having 10% of all vehicles being electric or hybrid by 2030.

Is there a tariff for EV charging in Emirates?

In other Emirates, there is no specific tariff for EV charging. The EV tariff needs to be closely linked to the underlying marginal cost (i.e. the cost of generating one more unit) of electricity rather than a single flat value.

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