COST TO CHARGE AN EV AT HOME

QUICK GUIDE TO CALCULATING THE COST TO CHARGE YOUR EV AT HOME

To calculate the cost to charge an EV at your house, you will need to know a couple things:

- The cost for electricity – This is approx. 17.1 cents/kWh (this includes all charges on your electricity bill including SaskPower's residential electricity rate of 14.228¢, the 10% Municipal Surcharge Tax, 5% GST, the Federal Carbon Tax and 5% GST on the carbon tax)

- The specific EV's battery capacity – This can typically be found on the EV manufacturer's webpage. For this example, we are using the Hyundai Kona with a battery capacity of 64 kWh but are using 57.6 kWh (90% of the total capacity) as an EV battery should never be at 0% and we have assumed there will be 10% of the battery remaining when charging the EV

- To find out what you'll pay for the electricity:
    - Multiply the total electricity cost of 17.1¢/kWh by the number of kWh you will need to fill the EV's battery: 57.6 kWh x 17.1¢/kWh = $9.85

- It will cost less than $10 to charge this EV at home

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