

# LREC'S FORD MACH-E

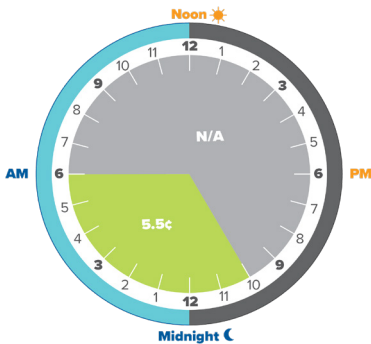


- » EPA-estimated 265 miles of range
- » Electric all-wheel drive
- » Magneride suspension
- » 480 horsepower
- » 600 lb.-ft./814 Nm torque
- » 0-60 mph in 3.8 seconds

## PLUG IN WITH LREC

LREC offers two rate options: *time-of-use* and *storage*. The time-of-use rate allows members to choose what time they charge their car and how much they want to pay. The storage rate has predetermined charging times set by LREC and is the lowest cost option. Utilizing these rate options requires a separate sub-metered circuit be installed to accommodate an Electric Vehicle Supply Equipment (EVSE) charging station.

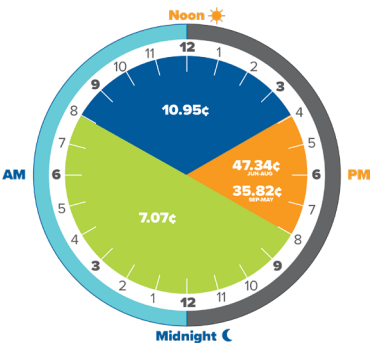
### ELECTRIC STORAGE RATE



**10PM-6AM: 5.5¢/kWh**

Charging Not Available

### TIME-OF-USE RATE



**8PM-8AM: 7.07¢/kWh**

**8AM-4PM: 10.95¢/kWh**

**4PM-8PM**  
- JUN-AUG: 47.34¢/kWh  
- SEP-MAY: 35.82¢/kWh

### ELECTRIC STORAGE RATE

TIME	RATE
10:00pm–6:00am	5.5¢
6:00am–10:00pm	N/A

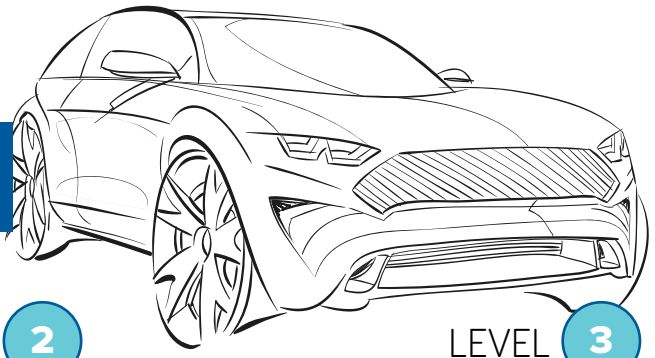
### TIME-OF-USE RATE

JUNE–AUGUST	MON	TUES	WED	THUR	FRI	SAT/SUN	HOLIDAYS
8:00pm–8:00am	7.07¢	7.07¢	7.07¢	7.07¢	7.07¢	7.07¢	7.07¢
8:00am–4:00pm	10.95¢	10.95¢	10.95¢	10.95¢	10.95¢	7.07¢	7.07¢
4:00pm–8:00pm	47.34¢	47.34¢	47.34¢	47.34¢	47.34¢	7.07¢	7.07¢
SEPTEMBER–MAY							
8:00pm–8:00am	7.07¢	7.07¢	7.07¢	7.07¢	7.07¢	7.07¢	7.07¢
8:00am–4:00pm	10.95¢	10.95¢	10.95¢	10.95¢	10.95¢	7.07¢	7.07¢
4:00pm–8:00pm	35.82¢	35.82¢	35.82¢	35.82¢	35.82¢	7.07¢	7.07¢

### EVSE REBATES

LREC's ChargeWise program offers a rebate of up to \$500 towards the installation of a Level 2 EVSE charging station when installed on one of LREC's EV rates. Information regarding the rebate can be found at [www.lrec.coop/ev](http://www.lrec.coop/ev).

# ELECTRIC VEHICLE CHARGING OPTIONS



## LEVEL 1

**VOLTAGE**  
120V 1-phase AC

**AMPS:**  
12-16 amps

**CHARGING LOADS:**  
1.4 to 1.9kW

**VEHICLE CHARGE TIME:**  
3-5 miles per hour

The AC level one charger uses a standard household outlet. A full charge could take up to two days. This is not recommended for a permanent charging option but can be used if visiting a residence without an EV charger.

## LEVEL 2

**VOLTAGE**  
280V or 240 V 1-phase AC

**AMPS:**  
12-80 amps (typ. 32 amps)

**CHARGING LOADS:**  
2.5 to 19.2kW (typ. 6.6kW)

**VEHICLE CHARGE TIME:**  
10-20 miles per hour

*20+ for some EV models*

The AC level two chargers are what most EV owners use to charge at home. It is a good idea to speak to an electrician when adding an EV charger of any size. LREC sells 7.7, 10, and 11.5 kW chargers through the Energy Wise MN store at [energywisemn.com](http://energywisemn.com).

## LEVEL 3

**VOLTAGE**  
280V or 480 V 3-phase AC

**AMPS:**  
<100 amps

**CHARGING LOADS:**  
50-350kW

**VEHICLE CHARGE TIME:**  
60-80 miles in 20 minutes

The DC level three fast charger are commercial chargers typically found at businesses and fuel stations.

*Sources: Advanced Energy and Environmental Protection Agency*

INTERESTED IN VIEWING EV CHARGING STATIONS IN MINNESOTA? VISIT [WWW.PLUGSHARE.COM](http://WWW.PLUGSHARE.COM)

## ELECTRIC VS GASOLINE COST COMPARISON

### FORD MACH-E

**Annual Fuel Cost: \$305.25**

- 93 MPGe\*
- 37 kWh/100mi
- 2.0¢ ETS avg cost per mile
- 4.4¢ ToU avg cost per mile



### SUBARU OUTBACK

**Annual Fuel Cost: \$2,700**

- 26 MPG
- 3.4 gal/100mi
- 12.2¢ avg cost per mile



### FORD F-150 LIGHTNING

**Annual Fuel Cost: \$396.00**

- 76 MPGe\*
- 48 kWh/100mi
- 2.6¢ ETS avg cost per mile
- 5.7¢ ToU avg cost per mile



### FORD F-150

**Annual Fuel Cost: \$1,836**

- 20 MPG
- 5 gal/100mi
- 18.0¢ avg cost per mile



*The annual fuel cost is based off an average of 15,000 miles driven a year.*

*\*Miles per gallon equivalent | LREC's ETS rate is \$0.055/kWh | LREC's weighted ToU average rate is \$0.118/kWh*