

Public Charging Stations

Meets ASE Task: Not specified by ASE

Name: _____ Date: _____ Time on Task: _____

Make/Model/Year: _____ VIN: _____

Evaluation (Enter number from 4, 3, 2, 1) : _____

1. Using the Internet or an App, locate the public charging station that is closest to your school. Record the following information:

Location _____

Type _____

Cost _____

2. Not all charging stations recharge high voltage batteries at the same rate. You are going to calculate the recharging time for a vehicle that consumes 20.00 kWh in 100 KM of driving.

Note: Power = Voltage x Amperage

AC				Charging	Time
Phase	Voltage (V)	Current (A)	Power (kW)	Hours	Minutes
1	230	8			
1	230	16			
1	230	32			
1	230	63			

