

Fiscal Estimate - 2023 Session

Original
 Updated
 Corrected
 Supplemental

LRB Number 23-5323/1	Introduction Number AB-0846
------------------------------------	---

Description
 exemptions from public utility regulation regarding electric vehicle charging stations, installation and operation of electric vehicle charging stations by state agencies or local governmental units, and imposing an excise tax on electric vehicle charging

Fiscal Effect

State:

<input type="checkbox"/> No State Fiscal Effect	<input checked="" type="checkbox"/> Increase Existing Revenues	<input type="checkbox"/> Increase Costs - May be possible to absorb within agency's budget
<input type="checkbox"/> Indeterminate	<input type="checkbox"/> Decrease Existing Revenues	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Increase Existing Appropriations		<input type="checkbox"/> Decrease Costs
<input type="checkbox"/> Decrease Existing Appropriations		
<input type="checkbox"/> Create New Appropriations		

Local:

<input checked="" type="checkbox"/> No Local Government Costs		
<input type="checkbox"/> Indeterminate		
1. <input type="checkbox"/> Increase Costs	3. <input type="checkbox"/> Increase Revenue	5. Types of Local Government Units Affected <input type="checkbox"/> Towns <input type="checkbox"/> Village <input type="checkbox"/> Cities <input type="checkbox"/> Counties <input type="checkbox"/> Others <input type="checkbox"/> School Districts <input type="checkbox"/> WTCS Districts
<input type="checkbox"/> Permissive <input type="checkbox"/> Mandatory	<input type="checkbox"/> Permissive <input type="checkbox"/> Mandatory	
2. <input type="checkbox"/> Decrease Costs	4. <input type="checkbox"/> Decrease Revenue	
<input type="checkbox"/> Permissive <input type="checkbox"/> Mandatory	<input type="checkbox"/> Permissive <input type="checkbox"/> Mandatory	

Fund Sources Affected	Affected Ch. 20 Appropriations
<input type="checkbox"/> GPR <input type="checkbox"/> FED <input type="checkbox"/> PRO <input type="checkbox"/> PRS <input checked="" type="checkbox"/> SEG <input type="checkbox"/> SEGS	

Agency/Prepared By	Authorized Signature	Date
DOT/ Emily Lindsey (608) 266-3422	Christina Olson (608) 266-8810	1/9/2024

Fiscal Estimate Narratives

DOT 1/9/2024

LRB Number	23-5323/1	Introduction Number	AB-0846	Estimate Type	Original
Description exemptions from public utility regulation regarding electric vehicle charging stations, installation and operation of electric vehicle charging stations by state agencies or local governmental units, and imposing an excise tax on electric vehicle charging					

Assumptions Used in Arriving at Fiscal Estimate

This bill will impose a three cent per kilowatt-hour tax on non-residential electric vehicle charging stations.

Recent Department data indicates nearly 21,000 electric autos and trucks are currently registered in Wisconsin. (No data quantifying public charger usage by out of state electric vehicles is available; these transactions were not considered.) Publicly available sources suggest that electric vehicles average 3.5 miles per kilowatt-hour. An estimate of 5,300 miles per year was used in these calculations; annual mileage of electric vehicles is significantly lower than the mileage of gas and diesel vehicles. No reliable source provides a proportion of residential vs. public charging. Since charging an electric vehicle at home is more cost-effective and convenient for the consumer, a 20-30% usage of public chargers was assumed.

Utilizing the data and assumptions above, estimated revenue per month going into CY24 would be \$15,900 to \$23,800.

Long-Range Fiscal Implications

Electric vehicle adoption in Wisconsin is expected to increase. Assuming the FY22 to FY23 growth rate in registered Wisconsin electric vehicles remains constant in subsequent years, annual estimated revenue in FY25 would range from \$211,400 to \$317,100 and in FY26 from \$285,100 to \$427,600.