

# TE Insights: A new tool for tracking transportation electrification plans, programs, and spending

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Transportation electrification (TE) is changing rapidly. And utilities are looking to shape the future of clean transportation and prepare for the new loads from these technologies. It's been complicated and time consuming to find detailed data about what utilities are spending on TE and where they're focusing their program efforts.

To gather this information and make it easy for you to find and analyze it, we created E Source <u>TE Insights</u> in support of our new Mobility portfolio. The tool organizes data from utility TE plans, EV-specific rates, and customer rebates into one easy-to-navigate platform for a wide range of users. We've designed the tool to offer insights relevant to different roles at utilities and solution providers.

#### Learn how TE Insights can you help work smarter, not harder

TE Insights can help save you time and money. Fill out the form below and one of our experts will contact you to set up a demo.

# **TE portfolio managers and EV strategists**

As you're developing your own TE portfolio, TE Insights can help you understand other utilities' portfolios and

find strategies to respond to your regulators.

#### Data visuals, slicers, and exported results help you explore spending and goals

With dynamic visuals, you can quickly see how utilities are allocating TE budgets between rebates, capital investments, outreach and education, and more (**figure 1**). Slicers make it easy to focus on budgets and goals for different utilities, regions, sectors, impact types, and more. If you want to analyze the data yourself, you can export your chosen data to Microsoft Excel to explore it in more detail. Also, each data point has links to the right page in the reference document so you can see more context about each value.

#### Figure 1: Spend by component type filtered by residential spending

At top, a data visualization on the spend summary dashboard makes it easy to see how the industry or a specific utility is allocating its budget, depending on slicer selections.

Administrator		Spend by Component Ty	pe						
All	$\sim$	Rebates				Admin and O&M		Capital expendit	ures
Year									
All	$\sim$								
Component type									
All V E	3							SBM	
Sector type								of the owner of the owner of the owner of the	Capit
		\$50M				\$16M		\$2M	\$1M
Sector		Administrator	Component type	Reporting type	Year Nui	mber of components	Spend	% of year portfolio	spend
Residential	$\sim$	Tucson Electric Power	Admin and O&M	Actual	2019	2	\$233		0.06%
state/Province									
All	$\sim$	Tucson Electric Power	Rebates	Actual	2019	51	\$5,149		1.23%
tegion		Dominion (Virginia)	Admin and O&M	Plan	2020	1	\$102,792		1.51%
All	$\sim$	Dominion (Virginia)	Rebates	Plan	2020	9	\$116,375		1.71%
Reporting type		Pacific Power - OR	Outreach and education	Plan	2020	4	\$682,000	1	15.31%
Actual Plan		Tucson Electric Power	Admin and O&M	Actual	2020	2	\$7,570		0.85%
		Note: Values have been	annualized where annual values are not a	available					

#### The Document Library supports your portfolio development

The Document Library compiles TE plans, major TE filings, reports, and evaluations so you can easily find examples of how other utilities are building the case for their TE investments and responding to their regulators (**figure 2**). You can also do a keyword search across all documents stored in TE Insights to find mentions of specific technologies or utility concerns.

## Figure 2: Document Library

All the documents we've collected are hosted on E Source servers, so the Document Library links won't break.

Source TEP SPEND / Insights Documer	nt Library						Glossar
Administrator All fear	~	Document text Search	search	] #			
2018 2022	—0	State/Province	Administrator	Year	Document Type	Document	Docket
State/Province All	~	Arizona	Arizona Public Service	2022	Transportation electrification plan	APS - 6.1.2022 - Transportation Electrification Implementation Plan and Budget - E-01345A-22-0067	E-01345A-22-0067
Region	~	Arizona	Arizona Public Service	2018	Transportation electrification plan	APS - 8.17.2018 - Policy Decision on Transportation Electrification - RU-00000A-18-0284	<u>RU-00000A-18-0284</u>
Document Type	*	Washington	Avista - WA	2020	Transportation electrification plan	Avista - 7.1.2020 - Transportation Electrification Plan - Avista TEP Filing	Avista TEP filing
All	$\sim$	Colorado	Black Hills Energy - CO	2020	Transportation electrification plan	Black Hills Energy - Co - 5.8.2020 - Transportation Electrification Plan -G_765719	<u>G. 765719</u>
Administrator type	$\sim$	California	Burbank Water and Power	2020	Transportation electrification plan	Burbank Water and Power - 2020-2025 Transportation Electrification Strategic Plan and Roadmap	BWP Board Meetings
		Washington	Clark Public Utilities	2021	Transportation electrification plan	Clark Public Utilities - 3.2.2021 - Transportation Electrification Plan	Clark Public Utilities Transportation Electrification Initiatives
		Virginia	Dominion (Virginia)	2019	Transportation electrification plan	Dominion Virginia - 9.30.2019 - Grid transformation plan EV testimony - PUR-2019-00154	PUR-2019-00154
E Source							

# **EV** program managers

Perhaps you're not building out a whole TE portfolio just yet but instead benchmarking your current EV programs or designing a new one. TE Insights makes it easy to compare and navigate current utility offerings.

Selecting a rate or program from the lists on the EV-Specific Rates and EV Incentive Programs dashboards pulls up a program description, and it's easy to navigate to the next item on your list. You can also search the program table for keywords (**figure 3**).

#### Figure 3: EV-Specific Rates dashboard

TE Insights displays complicated rates as tables.

Administrator		Rate description							
All	$\sim$	Time of day		Summer (June 1 - October 1) W	Vinter (Octo	ber 1 - June 1)			
/ear		On peak (12 pm - 7 pm, all	year, every day	) \$0.2634/kWh \$	0.2563/kWh				
All	$\sim$	Off peak (all other hours)		\$0.1117/kWh \$0	0.1056/kWh				
Rate type Critical Peak Pricing Flat fee Time-of-Use Sector									
All	$\sim$								
tate/Province		Search	٩ ٥					\$	76
tate/Province	~	Search Administrator	Q 🍠 Rate		Year	Sector	Rate type	☆ C Live source	
tate/Province NI egion			Rate	ectric Vehicle TOU Charging Rate	0.00000	Sector Commercial & industrial		~ ~	Static source
tate/Province M egion M	~	Administrator	Rate Business El	ectric Vehicle TOU Charging Rate ig TOU Rates for Single-Family Homes	2022			Live source	Static source
tate/Province	~	Administrator Alabama Power Company	Rate Business El EV Chargin Nonresider		2022 2022	Commercial & industrial	Time-of-Use Time-of-Use	Live source	

The EV Incentive Benchmarking dashboard includes specific incentive amounts from EV programs so you can compare them to your existing or new incentives (**figure 4**). Incentives range from e-bike rebates to funding for DC fast-charging installation.

### Figure 4: EV Incentive Benchmarking dashboard

With the slicers on this dashboard, you can focus on a specific rebate type or sector.

Administrator		Incentive descrip	otion	Ince	Incentive details							
All	$\sim$	50% rebate on the co DCFC, up to \$15,000	ost of equipment, warranty and installation for e	eligible Eligil	Eligible participants must: Submit the rebate application within 30 days of successful installation Give BGE access to your charging data, which requires either Wi-Fi or a 4G networ at your property Be an active BGE electric customer on Schedule G, GS or GL and own and operate							
ear All	~	bere, up to \$15,000										
ncentive category	~				the multifamily property Provide BGE with the price EV drivers pay to charge their vehicles at their charge							
ector												
Aultifamily	$\sim$											
nanthanniny	~											
	~	Search	Q.						20	76		
ate/Province	~	Search Administrator	Q. 🥒	Incentive category	Year	Sector	Incentive		☆ □   Live source			
ate/Province			The second s	Incentive category	Year	Sector	Incentive value	Incentive unit	7. U			
tate/Province NI egion			Incentive name	Incentive category Prescriptive rebate holistic		Sector Multifamily	value	unit % of total	7. U	Static source		
ate/Province II Igion II Iministrator type	~	Administrator BGE	Incentive name	Prescriptive rebate			value	unit % of	Live source	Static source		
ate/Province III egion	~	Administrator	Incentive name	Prescriptive rebate	- 2022		value 50	unit % of total	Live source	Static source		

# **Solution providers**

TE Insights helps you identify trends in utility investment and find filings for future programs and spending. Filter documents or portfolios by year to identify plans for future investment (**figure 5**). Or use visuals to quickly see where utilities are prioritizing spending. With slicers, you can narrow down to the specific utilities, regions, and sectors that are most relevant to your business. The Document Library keyword search also helps you find mentions of specific technologies to find utilities looking for your solutions.

## Figure 5: Portfolio list dashboard, filtered by years

You can filter the list of portfolios to find the ones with dedicated spending in the coming years.

dministrator di si	State/Province	e Administrator			Portfolio total spend	Average annual spend	Includes LMI/Equity	Includes fleet electrification	Includes utility fleet electrification	Includes distribution planning	Includ manag chargi
2024 2026	Michigan	DTE Energy	2021	2025	\$13,423,000	\$2,684,600	No	Yes	No	Yes	Yes
0-0	Massachusetts	Eversource (formerly NSTAR)	2021	2025	\$191,901,128	\$38,380,226	Yes	Yes	No	No	Yes
omponent type	New Jersey	Jersey Central Power & Light	2022	2025	\$49,912,959	\$12,478,240	Yes	No	No	Yes	Yes
di s	Massachusetts	National Grid - MA	2022	2025	\$278,437,979	\$69,609,495	Yes	Yes	No	No	Yes
ector type	Nevada	NV Energy - Nevada Power	2022	2024	\$63,251,070	\$21,083,690	Yes	Yes	No	No	Yes
Nonresidential Not sector specific	Nevada	NV Energy - Sierra Pacific Power	2022	2024	\$36,608,925	\$12,202,975	Yes	Yes	No	No	Yes
Residential ector	Massachusetts	Unitil - MA	2022	2026	\$703,000	\$140,600	Yes	Yes	No	No	Yes
di 🔨	/										
tate/Province											
di N	1										
egion											
u N	/										
dministrator type Investor-owned utility	<										>

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