



## Virtual Press Briefing Series



### Utilities and the Onslaught of EVs--How Will They Be Accommodated?

Thursday, MAY 4, 2023 at 11:00 AM - 12:00 PM EDT

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Sometime between now and the decade's end, the nation's electric utilities will begin to contend with a surge. That is when electric vehicles (EVs) will begin arriving in numbers large enough to tax the edge of the grid and to have utilities scrambling for ways of accommodating the new demand in peak hours.

S&P Global projects that 40 percent of new car sales in 2030 will be electric; other studies' projections go as high as 50 percent.

Each new EV will need to be charged — likely, that will be at the end of the day when utilities already have difficulty meeting the peak.

The challenge is made more difficult because the new demand for electricity service will be uneven.

Some utilities are concerned there will be clusters where affluent, well-educated communities will go electric more completely than in working-class or rural areas. EVs are more likely to be concentrated in big city suburbs than in downstate areas.

Everything will be in play to meet the escalating demand for day-end electricity, including rate design to dissuade customers from charging before 10 p.m.; using two-way flows from some EVs, like the Ford F-150 Lighting, as storage; and requiring that certain housing developments have better connectors and transformers to manage the additional loads and stresses.

These critical questions and more will be addressed in this briefing, which will consist of a panel of experts taking questions from knowledgeable journalists. USEA Acting Executive Director Sheila Hollis will give opening remarks. Llewellyn King, nationally syndicated newspaper columnist and broadcaster, organized this briefing and will moderate.

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#### EXPERTS:

Phil Dion, Senior Vice President, Customer Solutions, Edison Electric Institute  
Britt Reichborn-Kjennerud, Director for e-Mobility, ConEdison  
Lon Huber, Senior Vice President, Pricing and Customer Solutions, Duke Energy  
Kyle Pynn, Director Transportation Electrification, Burns & McDonnell  
Erin Autin, Senior Director of Research and Content, Zpryme

#### REPORTERS:

Jennifer Hiller, The Wall Street Journal  
Ken Silverstein, Forbes  
Herman Trabish, Utility Dive  
Matt Chester, Energy Central  
Markham Hislop, Energi

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The general audience can submit questions using the Zoom Q&A function, but members of the media will be given preference. A recording will be made available after the briefing.

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