

Comment on DE-24-087 and SEC 2024-02: More examples of the sizeable nature of Eversource's line rebuild planned for the X-178.

‘ Right: **V-182/F-139** 2019 and 2023

Below: **D-142**, 2018 and 2024





“[Roads](#), and even trails that follow along power line corridors, introduce significant stress factors within the foraging, nesting and denning habitats that sustain numerous species of animals.”

Will Staats, NH Fish & Game

Below: **M-127**; 2019 and 2023



Below: **A-111**, New Hampton; 2019 and 2023





Below: A-111; 2019 and 2023



“Hopefully this [letter](#) will ... help the committee appreciate the considerable design efforts that Eversource undertook to remain as faithful as possible to the existing A111 Line configuration and appearance, while minimizing impacts to resources.” Erik Newman, Eversource



**A-111**: 2019 and 2023



“The rebuild of the [A-111] line...encompasses modest changes in the course of replacing the existing transmission facility that will have limited effects on aesthetics...and will only temporary disrupt the natural environment. “

Erik Newman, Eversource





## D142 Line Rebuild

### Northeast

Michels Power, Inc. crews performed all civil construction, drilling and line work during the rebuild of an 18-mile full line to install fiber optic communication capability between substations, and to upgrade obsolete wooden structures and wire. ...

[VIEW PROJECT DETAILS](#)

The D-142 runs through Cape Horn State Forest.





The **D-142** was built in 1948 which indicates the X-178 (1 & 2) don't need to be replaced for at least 37 years and the X-178 (3) doesn't need replacement for at least 21 years. [Michels](#), like Eversource, is silent about the conductor replacement which quadrupled the capacity of the line.

Below: National Grid line 2019. No "improved" roads, no construction pads.





**A-111:** 2019 and 2023



When the SEC [discussed](#) the A-111 in July, 2021, public member “Ms. Duprey shared a concern that the work on this line may have been on the line or over the line of “sizable” and expressed concern about the impacts on the property and the need for a forum for these concerns to be heard. Ms. Duprey recommended sending a letter to Eversource saying we have serious concerns about whether this triggers jurisdiction. Mr. Kassas asked if there would be an increase in the load. Ms. Duprey made a motion that the Committee send a letter to Eversource expressing concern about whether or not they reached jurisdictional requirement of sizable change. There was no second.”

The SEC members present were: Chairwoman Dianne Martin, Vice-Chairman Robert Scott, Commissioner Dan Goldner, Commissioner Victoria Sheehan; Director Wilfred Arvelo, Michael York, George Kassas, Public Member; Thomas Eaton, Alternate Public Member (remote); Robert Baines, Alternate Public Member; and Lisa Noe, Alternate Public Member (remote).



Below: **A-111**: 2023 and 2019. Note the excavated boulders and glacial erratics moved to the side of the new road.



The [minutes](#) of the PAC meeting at which the A-111, E-115 and Z-180 complete rebuild projects (\$ 110 m.) were [presented](#) show the extremely limited PAC discussion of Eversource's asset condition projects:

“Q – Will the new lines be constructed side by side to the old lines to minimized outages or will



there be another method to perform the replacement work.

A - The line will be replaced with “live line” techniques and there will be limited outages as the old structures are replaced. We expect the outages will be no more than a week long with the longest outage period related to the reconductoring.

Q – Will the new conductor be large ACSR?

A – The presentation has a mistake. The conductor will be ACSS.”



Above, A-111 monopole with splice “boxes” for the Optical Ground Wire.



Deerfield 345kV lines 373/391; 2016, 2020, 2024:



Below: the 373/391 on the ground.





The same location in 2020 and 2024 showing that Eversource returned to replace the other line in the easement.





