

NSTAR Electric Company
d/b/a Eversource Energy
Department of Public Utilities
D.P.U. 20-75

Request for Information
February 4, 2022

Person Responsible: Lavelle A. Freeman
H.O.: Katie Zilgme
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Request 1:

Provide the timeline for each eligible group study identified in D.P.U. 20-75-B to reach the “Completion Date” as defined in D.P.U. 20-75-B. As part of your response, provide a detailed explanation for the determination of each “Completion Date” including why the “Completion Date” meets the requirements set forth in D.P.U. 20-75-B.

Response 1:

The Order states that following the completion of a distribution and transmission (if applicable) impact study for Affected Group Studies, the Distribution Company has ten business days to notify all study members and the Department of study completion (“Completion Date”) through a letter filed with the Department and 40 business days from the Completion Date to file a CIP for Department review. Based on the Company’s typical process for individual impact studies under the interconnection tariff, and prudent utility practice, Eversource does not consider an impact study to be complete until: 1) the analysis is completed; 2) consequential Transmission and Distribution upgrades are determined; 3) Preliminary Engineering is done to determine the scope and equipment for Transmission Line, Station, Distribution Line, Protection and Control upgrades; 4) siting analysis is performed to determine permitting and licensing, real estate and easement requirements; 5) environmental impact is assessed; and 6) associated construction timelines and reliable +/- 25 percent cost estimates are finalized. Without this information, the Company cannot develop reliable +/- 25 percent cost estimates, and customers cannot make informed decisions about the feasibility of their projects. This level of detail is also required to inform the development of a CIP proposal, and to ensure a level of accuracy that is appropriate for the anticipated CIP adjudication process.

The table below summarizes the timeline to reach the Completion Date (Final SIS Date +/-25% Cost Estimate, as described above) for each group. As discussed above, the Completion Date is determined by when the analysis, engineering and cost estimation needed for a traditional Interconnection Service Agreement (ISA) is completed.

Group	Steady-State Analysis Complete	Dynamic Analysis Complete	Final SIS Date +/-25% Cost Estimate
Marion-Fairhaven	12/3/2021	1/14/2022	3/3/2022
Plymouth	1/26/2022	1/26/2022	4/6/2022
Cape	1/21/2022	2/25/2022	4/6/2022
Freetown	5/31/2021	1/4/2022	3/30/2022

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Dartmouth-Westport	10/11/2021	12/31/2021	4/1/2022
New Bedford	10/26/2021	12/31/2021	5/23/2022
Plainfield-Blandford	1/4/2021	11/9/2021	3/28/2022

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Request 2:

Provide the expected timeline for submission of a CIP for each eligible group study, including a final deadline in compliance with the requirements of D.P.U. 20-75-B. As part of your response, provide a detailed explanation for the determination of each timeline including why the timeline meets the requirements set forth in D.P.U. 20-75-B.

Response 2:

The table below shows the timeline for submission of the CIP proposal for each group study from the time the study for each group is deemed to be complete, as defined in Response 1. Per the requirements set forth in D.P.U. 20-75-B, the Customer Notification date is 10 business days after study completion, and the CIP Submission date for each group is within 40 business days of that Group’s study completion. Please note that while the last column of the table reflects deadline allowed for CIP proposals, *i.e.*, 40 business after study completion, the Company intends to submit CIP proposals no later than May 1, 2022.

Group	Final SIS Date +/-25% Cost Estimate	Customer Notification (10 BD after completion)	CIP Proposal Deadline (40 BD after completion)
Marion-Fairhaven	3/3/2022	3/17/2022	4/28/2022
Plymouth	4/6/2022	4/20/2022	5/18/2022
Cape	4/6/2022	4/20/2022	5/18/2022
Freetown	3/30/2022	4/13/2022	5/11/2022
Dartmouth- Westport	4/1/2022	4/15/2022	5/13/2022
New Bedford	5/23/2022	5/25/2022	5/31/2022
Plainfield-Blandford	3/28/2022	4/11/2022	4/25/2022

Request 3:

For each eligible group study identified in D.P.U. 20-75 provide a list of the facilities included in the group, identifying the developer, location of the proposed facility (city/town only), and facility size. If possible, also identify whether a facility is front-of-the-meter or behind-the-meter. Do not include any personal identifiable information.

Response 3:

The table below summarizes the projects included in each group, identifies the work order (WO) number, developer, project location, AC (inverter) nameplate rating, and whether the installation is front-of-the-meter (FTM) or behind-the-meter (BTM).

Group	WO #	Developer	Location (City/Town)	Size, Nameplate AC Rating (kW)	Location FTM/BTM
Marion Fairhaven	2270749		Acushnet	8,296	FTM
Marion Fairhaven	2274401		Acushnet	4,990	FTM
Marion Fairhaven	2274408		Freetown	500	FTM
Marion Fairhaven	2277380		Acushnet	8,999	FTM
Marion Fairhaven	2299343		Rochester	5,000	FTM
Marion Fairhaven	2300058		Rochester	7,000	FTM
Marion Fairhaven	2300709		Rochester	4,999	FTM
Marion Fairhaven	2302146		Rochester	499	FTM
Marion Fairhaven	2307638		Rochester	4,000	FTM
Marion Fairhaven	2320446		Rochester	1,000	FTM
Marion Fairhaven	2340380		Acushnet	999	FTM
Marion Fairhaven	2349408		Fairhaven	2,000	FTM
Marion Fairhaven	2353656		Mattapoisett	7,999	FTM
Marion Fairhaven	2355146		Acushnet	4,990	FTM
Marion Fairhaven	2363427		Rochester	2,000	FTM
Marion Fairhaven	2395209		Rochester	999	FTM
Marion Fairhaven	2401247		Marion	1,700	FTM
Plymouth	2264857		Rochester	3,000	FTM
Plymouth	2292181		Carver	2,468	FTM
Plymouth	2295386		Wareham	999	FTM
Plymouth	2295586		Rochester	996	FTM
Plymouth	2295852		Wareham	3,000	FTM
Plymouth	2296366		Carver	3,000	FTM
Plymouth	2296373		Wareham	4,890	FTM
Plymouth	2297500		Wareham	4,890	FTM
Plymouth	2296720		Carver	3,500	FTM
Plymouth	2297083		Wareham	4,075	FTM

Group	WO #	Developer	Location (City/Town)	Size, Nameplate AC Rating (kW)	Location FTM/BTM
Plymouth	2300908		Wareham	3,000	FTM
Plymouth	2306416		Carver	1,625	FTM
Plymouth	2308513		Carver	4,998	FTM
Plymouth	2311480		Plympton	3,650	FTM
Plymouth	2314369		Carver	3,500	FTM
Plymouth	2320444		Carver	1,999	FTM
Plymouth	2322036		Wareham	2,250	FTM
Plymouth	2321677		Carver	1,500	FTM
Plymouth	2324188		Carver	1,000	FTM
Plymouth	2328025		Plymouth	498	BTM
Plymouth	2333746		Wareham	4,500	FTM
Plymouth	2335814		Plymouth	2,800	FTM
Plymouth	2335827		Carver	999	FTM
Plymouth	2338789		Plymouth	756	FTM
Plymouth	2338339		Carver	4,999	FTM
Plymouth	2343065		Plymouth	250	BTM
Plymouth	2343539		Wareham	5,000	FTM
Plymouth	2344136		Wareham	5,000	FTM
Plymouth	2346531		Wareham	4,980	FTM
Plymouth	2349786		Wareham	5,500	FTM
Plymouth	2351984		Carver	5,000	FTM
Plymouth	2352975		Carver	500	FTM
Plymouth	2353430		Wareham	4,990	FTM
Plymouth	2361242		Carver	5,000	FTM
Plymouth	2378857		Carver	2,500	FTM
Plymouth	2381559		Plymouth	866	FTM
Plymouth	2384553		Wareham	4,995	FTM
Plymouth	2395947		Plymouth	5,559	FTM
Plymouth	2396211		Plymouth	1,000	FTM
Cape	2395965		Falmouth	1,000	FTM
Cape	2330325		Sandwich	4,998	FTM
Cape	2330392		Sandwich	250	FTM
Cape	2330360		Sandwich	250	FTM
Cape	2330718		Sandwich	250	FTM
Cape	2330875		Sandwich	250	FTM
Cape	2330720		Sandwich	250	FTM
Cape	2331587		Sandwich	250	FTM
Cape	2330926		Sandwich	250	FTM
Cape	2330923		Sandwich	250	FTM

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Group	WO #	Developer	Location (City/Town)	Size, Nameplate AC Rating (kW)	Location FTM/BTM
Cape	2331592		Sandwich	250	FTM
Cape	2331148		Sandwich	250	FTM
Cape	2330882		Sandwich	250	FTM
Cape	2331153		Sandwich	250	FTM
Cape	2331371		Sandwich	250	FTM
Cape	2331348		Sandwich	250	FTM
Cape	2334165		Sandwich	4,990	FTM
Cape	2349579		Sandwich	3,455	BTM
Cape	2349576		Sandwich	850	BTM
Cape	2349583		Sandwich	850	BTM
Cape	2348526		Yarmouth	499	BTM
Cape	2351960		Sandwich	500	FTM
Cape	2352540		Sandwich	500	FTM
Cape	2352680		Sandwich	500	FTM
Cape	2354558		Chatham	2,560	FTM
Cape	2353833		Yarmouth	1,256	FTM
Cape	2354172		Sandwich	1,000	FTM
Cape	2354118		Sandwich	250	FTM
Cape	2355143		Sandwich	250	FTM
Cape	2353792		Sandwich	250	FTM
Cape	2355014		Sandwich	250	FTM
Cape	2354162		Sandwich	250	FTM
Cape	2355015		Sandwich	250	FTM
Cape	2355016		Sandwich	250	FTM
Cape	2355017		Sandwich	250	FTM
Cape	2359695		Harwich	4,875	FTM
Cape	2360131		Sandwich	4,600	FTM
Cape	2369838		Hyannis	975	FTM
Cape	2370777		Sandwich	250	FTM
Cape	2372155		Sandwich	250	FTM
Cape	2372267		Sandwich	250	FTM
Cape	2374039		Sandwich	250	FTM
Cape	2378433		Harwich	3,150	FTM
Cape	2396002		Falmouth	958	FTM
Cape	2395855		Falmouth	4,990	FTM
Cape	2395998		Falmouth	3,000	FTM
Cape	2392014		Oak Bluffs	1,000	FTM
Cape	2392746		Harwich	500	FTM
Cape	2393455		Mashpee	4,999	FTM
Cape	2394862		Falmouth	3,500	FTM
Cape	2398257		Falmouth	500	FTM

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Group	WO #	Developer	Location (City/Town)	Size, Nameplate AC Rating (kW)	Location FTM/BTM
Cape	2378798		Sandwich	490	FTM
Cape	2400260		Mashpee	1,490	BTM
Cape	2400979		Mashpee	2,075	BTM
Cape	2401235		Mashpee	730	BTM
Cape	2401361		Sandwich	475	FTM
Cape	2404659		Hyannis	999	BTM
Cape	2404237		Dennis	3,998	FTM
Freetown	2320621		Freetown	4,875	FTM
Freetown	2324659		Freetown	4,996	FTM
Freetown	2330491		Freetown	4,996	FTM
Freetown	2337126		Freetown	999	FTM
Freetown	2339086		Freetown	4,498	FTM
Freetown	2347725		Assonet	3,000	FTM
Dartmouth Westport	2283036		Westport	2,000	FTM
Dartmouth Westport	2343563		Dartmouth	3,000	FTM
Dartmouth Westport	2370690		Westport	3,000	FTM
Dartmouth Westport	2381437		Westport	4,000	FTM
Dartmouth Westport	2383646		Westport	4,000	FTM
Dartmouth Westport	2403584		Dartmouth	3,080	BTM
New Bedford	2285552		Acushnet	2,000	FTM
New Bedford	2297681		Freetown	4,990	FTM
New Bedford	2298790		New Bedford	990	FTM
New Bedford	2314499		Freetown	5,300	FTM
New Bedford	2319218		Freetown	4,400	FTM
New Bedford	2337174		Freetown	1,000	FTM
New Bedford	2353838		Freetown	500	FTM
New Bedford	2354457		Freetown	4,995	FTM
New Bedford	2361432		Freetown	4,000	FTM
New Bedford	2366461		Freetown	5,000	FTM
New Bedford	2384761		Freetown	2,000	FTM
New Bedford	2399839		Acushnet	8,000	FTM
New Bedford	2400205		Freetown	4,990	FTM
Plainfield Blandford	6B2161-2019		Tolland	5,000	FTM
Plainfield Blandford	6B2269-2019		Blandford	4,998	FTM
Plainfield Blandford	6A4686-2020		Russell	2,750	FTM

Requests 4:

Provide the Distribution Company’s plan for notifications to affected interconnecting customers from the date of the response to this request through the conclusion of any associated adjudicatory proceeding.

Response 4:

The Company has endeavored to keep affected customers informed on the progress of the study throughout the process. Group customer meetings have been scheduled at various stages, including after the steady-state and dynamic analyses. Several of these meetings are scheduled after the date of this request, as shown in the table below. In addition, the Company has committed to scheduling pre-CIP-filing meetings with each group after the Customer Notification date and before the CIP Submission date, to share the contents of the CIP proposal with the members of each group. These customer meetings dates are shown in the table below. Meetings completed prior to the date of this request are shaded grey.

Group	Customer Presentation on Steady-State Analysis	Customer Presentation on Dynamic Study	Customer Notification (10 BD after completion)	Customer Pre-CIP File Meeting (20 BD)
Marion-Fairhaven	12/9/2021	2/8/2022	3/17/2022	3/31/2022
Plymouth	2/11/2022	2/11/2022	4/20/2022	5/4/2022
Cape	2/16/2022	2/28/2022	4/20/2022	5/4/2022
Freetown	6/7/2021	1/12/2022	4/13/2022	4/27/2022
Dartmouth-Westport	10/19/2021	2/7/2022	4/15/2022	4/29/2022
New Bedford	11/4/2021	1/13/2022	5/25/2022	5/26/2022
Plainfield-Blandford	1/15/2021	11/15/2021	4/11/2022	4/18/2022

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Request 5:

Provide the Distribution Company's plan for engaging with the other Distribution Companies, the Office of the Attorney General, the Department of Energy Resources, and solar and energy storage stakeholders during the CIP proposal preparation process.

Response 5:

The Company has maintained close contact with the other Distribution Companies throughout the D.P.U. 20-75 process and will continue to collaborate during the CIP proposal preparation process, and after submission as needed. Eversource and National Grid have formed an inter-utility group that periodically meets to discuss the technical and policy issues regarding D.P.U. 20-75 cost allocation and the approach to CIP proposal. Specifically, the Distribution Companies focus on how to account for differences in planning, design, and operation of their electric distribution systems and philosophical approaches to integrated distribution planning. In addition, Eversource, National Grid and Unitil have created Joint-Utility working group to drive greater collaboration between the Distribution Companies, develop proactive actions, focus on strategic priorities, and streamline coordination with external parties. A key agenda item for the group is enabling greater collaboration around D.P.U. 20-75 activities.

The Company met with the Office of the Attorney General earlier this month to review and discuss plans for the CIP proposals, review preliminary input to the proposals, and gather feedback on cost allocation projections. The Company plans to have follow-on discussions prior to the CIP submission date as the CIP plans firm up. The Company also intends to engage with representatives from the Department of Energy Resources prior to submitting its CIP proposals.

The Company has held regular meetings with the Northeast Clean Energy Council (NECEC) throughout the Group Study process and will continue to engage with this group of solar and energy storage stakeholders during the CIP proposal preparation process.