

Ref.	Eversource	Liberty	Unitil	Total
1. Proposal, Bates 82, 116, 170	\$ 336,296	\$ 9,846	\$ 28,042	\$ 374,184
	<i>Bates 82</i>	<i>Bates 116</i>	<i>Bates 170</i>	
2. 10-17-2018 Upd Proposal	\$ 331,022	\$ 2,116	\$ 22,104	\$ 355,242
	<i>DR 2-28, p. 5 of 12</i>	<i>DR 2-29, p. 5 of 11</i>	<i>DR 2-30, p. 5 of 11</i>	

3. Summary of Utility Spreadsheets from Discovery Incorporating all Known Corrections for Settlement Purposes:

Line No.	Description	Eversource	Liberty	Unitil	Total
1	Annualized kWh Savings				
2	Maximum Demand Factor (MDF)				
3	Extended Max. Load Reduction kW				
4	% kW Demand Reduction at Customer Peak				
5	Sub-Total Customer Peak kW Reduction				
6	% Net to Gross				
7	Sub-Total Customer Peak kW Reduction				
8	% In-Service Rate				
9	Sub-Total Customer Peak kW Reduction				
10	% kW Realization Rate				
11	Sub-Total Customer Peak kW Reduction				
12	% Billing Adjustment to Reflect Ratchets (1)				
13	Sub-Total Customer Peak kW Reduction				
14	% Retirement Adjustment				
15	Total Customer Peak kW Reduction, Full Year				
16	% Annual Savings Achieved in First Year				
17	Total Customer Peak Red. in First Year				
18	Annualized (x12)				
19	Average Distribution Rate (ADR)				
20	LBR Calculation				

Comments:

Above schedule mirrors the Template recommended by the LBRWG Report (p.6)

1.	Proposal, Bates 82	\$	4,741,259
2.	10-17-2017 Upd Proposal, DR 2-28, p. 5 of 12	\$	4,735,977
3.	Summary of Utility Spreadsheets Incorporating all Known Corrections for Settlement Purposes		see below

	Description	Residential kWh	Commercial kWh	C&I kW	Total	Ref.
Legacy (Measures Installed in 2017 and 2018): (1)						
1	Program Year 2017 Actual LBR Savings					
2	2019 Average Distribution Rate (ADR)					
3	Sub-Total LBR					
4	Program Year 2018 Estimated LBR Savings					
5	2019 Average Distribution Rate (ADR)					
6	Sub-Total LBR					
7	Sub-Total Legacy (Measures Installed in 2017 and 2018)					
8	Sub-Total Legacy LBR					
New Methodology (Measures Installed in 2019 and forward): (2)						
9	Program Year 2019 Estimated LBR Savings to be achieved (annualized)					
10	Program Year 2019 Estimated LBR Savings to be achieved in 2019					
11	2019 Average Distribution Rate (ADR)					
12	Sub-Total LBR					
13	Total Forecasted LBR - Year 2019 For Settlement Purposes					

Comments

- 1 Legacy portion utilizes old methodology for calculating LBR - i.e. it utilizes a combined ADR for measures installed in 2017 and 2018.
- 2 New methodology disaggregates kWh and kW components as specified in the Settlement Agreement in DE 17-136 (Order No. 26,095).

DE 17-136
Northern Utilities, Inc.
Calculation of LBR for Year 2019

Attachment C

1. Initial Proposal	Document Reference; Bates X	\$	-
2. 2019 Update	Document Reference, Page X	\$	-
3. Summary of Utility Spreadsheets from Discovery Incl all Corrections for Settlement Purposes			

Description		Residential	C&I	Total	Reference
Legacy (Measures installed in 2017 and 2018)					
1. Program Year 2017 Actual LBR Savings Occurring in 2019	Therms				
2. 2019 Average Rate	\$/Therms				
3. Sub Total LBR	\$				Line 1 * Line 2
4. Program Year 2018 Estimated LBR Savings Occurring in 2019	Therms				
5. 2019 Average Rate	\$/Therms				
6. Sub Total LBR	\$				Line 4 * Line 5
7. Sub-Total Legacy Savings due to Measures installed in 2017 and 2018	Therms				Line 1 + Line 4
8. Sub-Total Legacy LBR	\$				Line 3 + Line 6
New Measures (Installed in 2019 and forward)					
9. Program Year 2019 Estimated LBR Savings Planned (annualized)	Therms				
10. Program Year 2019 Estimated LBR Savings Planned (total in 2019)	Therms				
11. 2019 Average Rate	\$/Therms				
12. Sub-Total LBR	\$				Line 10 * Line 11
13. Total Forecasted LBR - Year 2019 for Settlement Purposes	\$				Line 8 + Line 12

Attachment D, Settlement Agreement, Schedule of Major Tasks

2019													2020											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	August	September	October	November	December

DE 17-136 Working Groups (Continued from 2018)

Working Groups	Funding & Financing	Quarterly Meeting			Quarterly Meeting			Quarterly Meeting			Quarterly Meeting													
Working Groups	PI	Recommendations for 2020 update.																						
Working Groups	BC	Input to NSPM and EOS as discussed below.						Policy discussion related to results from NSPM and EOS Resulting in Report submitted to Commission and Commission ruling on Report.																

EM&V Items that relate to Planning process

EM&V	Technical Potential Study	Scoping and Contracting. Include Stakeholder input in scoping	Vendor conducts Study																				
EM&V	National Standards Practice Manual Process (NSPM)	RFP and Contract Vendor	Vendor conducts NSPM review. Stakeholder discussion and feedback happens at BC WG.																				
EM&V	Energy Optimization Study (EOS)	RFP and Contract Vendor	Vendor conducts study. Any necessary stakeholder input happens at BC WG.																				

2020 Plan Update

2020 Update	Planning, update B/C model, budgets, energy savings, Attachments																							
File Report	File 2020 Update. ABBREVIATED docket/order									File 2020 Update	Docket process for 2020 Update													

Attachment D, Settlement Agreement, Schedule of Major Tasks

		2019												2020											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	August	September	October	November	December
Stakeholder Planning Process - For JULY 1, 2020 Filing																									
2021-2023 Plan	Hire Stakeholder Consultant			March 15 RFP																					
2021-2023 Plan	EERS Committee 2021-2023 Plan Stakeholder Discussions										Includes quantifying goals and discussing plan elements														
2021-2023 Plan	2021-2023 Plan Draft														Drafting	April 1, Submit Draft Plan									
2021-2023 Plan	EERS Committee 2021-2023 Plan Stakeholder Discussions Re: Plan Draft															Additional stakeholder discussion on draft plan									
2021-2023 Plan	File 2021-2023 Plan and Docket/Order on Plan																	Drafting	July 1, File 2021-2023 Plan	Docket Process					