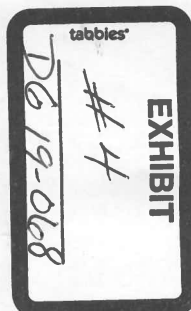


Schedule I-1

LIBERTY UTILITIES - KEENE DIVISION  
 Typical Residential Heating Bill - Fixed Price Option Program  
 Forecasted 2019 Summer Period vs. Actual 2018 Summer Period  
 Including Updated LAUF and Production Costs

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
<b>12 MONTHS ENDED 10/2018</b>	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	Winter Nov-Apr	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Summer May-Oct	Total Nov-Oct
Typical Usage - therms (1)	64	120	158	251	245	132	970	91	28	14	10	9	20	172	1,142
<b>Residential Heating</b>															
Customer Charge	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$54.00	\$14.88	\$14.88	\$14.88	\$14.88	\$14.88	\$14.88	\$89.28	\$143.28
Delivery Charge:															
Winter															
Summer															
First 80 therms @ \$1.1522	\$73.74	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$534.64	\$44.64	\$15.62	\$7.81	\$5.58	\$5.02	\$11.16	\$89.83	\$624.47
Next 120 therms @ \$0.9442	\$0.00	\$37.77	\$73.65	\$113.30	\$113.30	\$49.10	\$387.12	\$6.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6.14	\$393.26
Over 200 therms @ \$0.7946	\$0.00	\$0.00	\$0.00	\$40.52	\$35.76	\$0.00	\$76.28	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$76.28
<b>Base Delivery Revenue Total</b>	<b>\$82.74</b>	<b>\$138.95</b>	<b>\$174.83</b>	<b>\$255.00</b>	<b>\$250.24</b>	<b>\$150.28</b>	<b>\$1,052.04</b>	<b>\$85.68</b>	<b>\$30.50</b>	<b>\$22.69</b>	<b>\$20.46</b>	<b>\$19.90</b>	<b>\$28.04</b>	<b>\$185.25</b>	<b>\$1,237.29</b>
Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
<b>Deferred Revenue Surcharge Total</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
COG Rates	\$1.2408	\$1.2408	\$1.2408	\$1.2408	\$1.2408	\$1.2408	\$1.2408	\$0.9995	\$1.0765	\$0.8752	\$0.7462	\$0.7800	\$1.2494	\$1.0128	\$1.2065
<b>Cost of Gas Total</b>	<b>\$79.41</b>	<b>\$148.90</b>	<b>\$196.05</b>	<b>\$311.44</b>	<b>\$304.00</b>	<b>\$163.79</b>	<b>\$1,203.59</b>	<b>\$90.95</b>	<b>\$30.14</b>	<b>\$13.85</b>	<b>\$7.46</b>	<b>\$7.02</b>	<b>\$24.99</b>	<b>\$174.21</b>	<b>\$1,377.90</b>
LDAC Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0945	\$0.0945	\$0.0945	\$0.0945	\$0.0945	\$0.0945		
<b>LDAC Total</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$8.80</b>	<b>\$2.65</b>	<b>\$1.32</b>	<b>\$0.95</b>	<b>\$0.85</b>	<b>\$1.89</b>	<b>\$16.25</b>	<b>\$16.25</b>
<b>Total Bill</b>	<b>\$162</b>	<b>\$288</b>	<b>\$371</b>	<b>\$566</b>	<b>\$554</b>	<b>\$314</b>	<b>\$2,258</b>	<b>\$165</b>	<b>\$63</b>	<b>\$38</b>	<b>\$29</b>	<b>\$28</b>	<b>\$53</b>	<b>\$376</b>	<b>\$2,631</b>
<b>12 MONTHS ENDED 10/2019</b>	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	Winter Nov-Apr	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Summer May-Oct	Total Nov-Oct
Typical Usage - therms (1)	64	120	158	251	245	132	970	91	28	14	10	9	20	172	1,142
<b>Residential Heating</b>															
Customer Charge	\$15.02	\$15.02	\$15.02	\$15.02	\$15.02	\$15.02	\$90.12	\$15.02	\$15.02	\$15.02	\$15.02	\$15.02	\$15.02	\$90.12	\$180.24
Delivery Charge:															
Winter															
Summer															
First 80 therms @ \$0.5502	\$35.21	\$44.02	\$44.02	\$44.02	\$44.02	\$44.02	\$255.31	\$44.02	\$15.41	\$7.70	\$5.50	\$4.95	\$11.00	\$88.58	\$343.89
Next 120 therms @ \$0.5502	\$0.00	\$22.01	\$42.92	\$66.02	\$66.02	\$28.61	\$225.58	\$6.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6.05	\$231.63
Over 200 therms @ \$0.5502	\$0.00	\$0.00	\$0.00	\$28.06	\$24.76	\$0.00	\$52.82	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$52.82
<b>Base Delivery Revenue Total</b>	<b>\$50.23</b>	<b>\$81.05</b>	<b>\$101.96</b>	<b>\$153.12</b>	<b>\$148.82</b>	<b>\$87.65</b>	<b>\$623.83</b>	<b>\$85.09</b>	<b>\$30.43</b>	<b>\$22.72</b>	<b>\$20.52</b>	<b>\$19.97</b>	<b>\$28.02</b>	<b>\$184.75</b>	<b>\$608.58</b>
Seasonal Base Delivery Difference from previous year															
Seasonal Percent Change from previous year															
Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
<b>Deferred Revenue Surcharge Total</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
COG Rates	\$1.3743	\$1.3743	\$1.3743	\$1.3743	\$1.3743	\$1.3743	\$1.3743	\$1.1071	\$1.1071	\$1.1071	\$1.1071	\$1.1071	\$1.1071	\$1.1071	\$1.3341
<b>Cost of Gas Total</b>	<b>\$87.96</b>	<b>\$164.92</b>	<b>\$217.14</b>	<b>\$344.95</b>	<b>\$338.70</b>	<b>\$181.41</b>	<b>\$1,333.08</b>	<b>\$100.75</b>	<b>\$31.00</b>	<b>\$15.50</b>	<b>\$11.07</b>	<b>\$9.96</b>	<b>\$22.14</b>	<b>\$190.42</b>	<b>\$1,523.50</b>
LDAC Rate	\$0.0660	\$0.0660	\$0.0660	\$0.0660	\$0.0660	\$0.0660	\$0.3980	\$0.0660	\$0.0660	\$0.0660	\$0.0660	\$0.0660	\$0.0660		
<b>LDAC Total</b>	<b>\$4.22</b>	<b>\$7.92</b>	<b>\$10.43</b>	<b>\$16.57</b>	<b>\$16.17</b>	<b>\$8.71</b>	<b>\$64.02</b>	<b>\$6.01</b>	<b>\$1.85</b>	<b>\$0.92</b>	<b>\$0.66</b>	<b>\$0.59</b>	<b>\$1.32</b>	<b>\$11.35</b>	<b>\$75.37</b>
Seasonal COG Difference from previous year															
Seasonal Percent Change from previous year															
<b>Total Bill</b>	<b>\$142</b>	<b>\$254</b>	<b>\$330</b>	<b>\$515</b>	<b>\$503</b>	<b>\$278</b>	<b>\$2,021</b>	<b>\$172</b>	<b>\$63</b>	<b>\$39</b>	<b>\$32</b>	<b>\$31</b>	<b>\$49</b>	<b>\$387</b>	<b>\$2,407</b>
Seasonal Total Bill Difference from previous year															
Seasonal Percent Change from previous year															
Seasonal Percent Change resulting from Base Rates (Incl Def Revenue Surch)															
Seasonal Percent Change resulting from COG															
Seasonal Percent Change resulting from LDAC															

(1) Residential Heating Typical Usage: Single family detached home using gas for heat, hot water and cooking.  
 (2) LDAC was included in Keene distribution rates beginning on 05/01/18, as authorized by NHPUC Order No. 26,122 dated April 27, 2018, in Docket No. DG 17-0048



**LIBERTY UTILITIES - KEENE DIVISION**  
**Typical Residential Heating Bill - Non-Fixed Price Option Program**  
**Forecasted 2019 Summer Period vs. Actual 2018 Summer Period**  
**Including Updated LAUF and Production Costs**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	Winter Nov-Apr	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Summer May-Oct	Total Nov-Oct
<b>12 MONTHS ENDED 10/2018</b>															
Typical Usage - therms (1)	64	120	158	251	245	132	970	91	28	14	10	9	20	172	1,142
<b>Residential Heating</b>															
Customer Charge	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$54.00	\$14.88	\$14.88	\$14.88	\$14.88	\$14.88	\$14.88	\$89.28	\$143.28
Delivery Charge:															
Winter															
Summer															
First 80 therms @ \$1.1522	\$73.74	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$534.84	\$44.84	\$15.62	\$7.81	\$5.58	\$5.02	\$11.16	\$89.83	\$624.47
Next 120 therms @ \$0.9442	\$0.00	\$37.77	\$73.85	\$113.30	\$113.30	\$49.10	\$387.12	\$6.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6.14	\$393.26
Over 200 therms @ \$0.7946	\$0.00	\$0.00	\$0.00	\$40.52	\$35.76	\$0.00	\$76.28	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$76.28
<b>Base Delivery Revenue Total</b>	<b>\$82.74</b>	<b>\$138.95</b>	<b>\$174.83</b>	<b>\$255.00</b>	<b>\$250.24</b>	<b>\$150.28</b>	<b>\$1,052.04</b>	<b>\$65.68</b>	<b>\$30.50</b>	<b>\$22.69</b>	<b>\$20.48</b>	<b>\$19.90</b>	<b>\$26.04</b>	<b>\$165.25</b>	<b>\$1,237.29</b>
Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.00	\$0.00
<b>Deferred Revenue Surcharge Total</b>	<b>\$0.0000</b>	<b>\$0.0000</b>	<b>\$0.0000</b>	<b>\$0.0000</b>	<b>\$0.0000</b>	<b>\$0.0000</b>	<b>\$0.0000</b>	<b>\$0.0000</b>	<b>\$0.0000</b>	<b>\$0.0000</b>	<b>\$0.0000</b>	<b>\$0.0000</b>	<b>\$0.0000</b>	<b>\$0.00</b>	<b>\$0.00</b>
COG Rates	\$1.2533	\$1.2533	\$1.3008	\$1.5666	\$1.5666	\$1.5221	\$1.4578	\$0.9995	\$1.0785	\$0.9752	\$0.7462	\$0.7800	\$1.2494	\$1.0128	\$1.3908
<b>Cost of Gas Total</b>	<b>\$80.21</b>	<b>\$150.40</b>	<b>\$205.53</b>	<b>\$393.22</b>	<b>\$383.82</b>	<b>\$200.92</b>	<b>\$1,414.10</b>	<b>\$90.95</b>	<b>\$30.14</b>	<b>\$13.65</b>	<b>\$7.46</b>	<b>\$7.02</b>	<b>\$24.99</b>	<b>\$174.21</b>	<b>\$1,588.31</b>
LDAC Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0945	\$0.0945	\$0.0945	\$0.0945	\$0.0945	\$0.0945	\$0.0945	\$0.0945
<b>LDAC Total</b>	<b>\$0.0000</b>	<b>\$0.0000</b>	<b>\$0.0000</b>	<b>\$0.0000</b>	<b>\$0.0000</b>	<b>\$0.0000</b>	<b>\$0.0000</b>	<b>\$8.60</b>	<b>\$2.8480</b>	<b>\$1.3230</b>	<b>\$0.9450</b>	<b>\$0.8505</b>	<b>\$1.8900</b>	<b>\$16.25</b>	<b>\$16.25</b>
<b>Total Bill</b>	<b>\$183</b>	<b>\$289</b>	<b>\$380</b>	<b>\$648</b>	<b>\$634</b>	<b>\$351</b>	<b>\$2,466</b>	<b>\$165</b>	<b>\$63</b>	<b>\$38</b>	<b>\$29</b>	<b>\$28</b>	<b>\$53</b>	<b>\$378</b>	<b>\$2,642</b>
<b>12 MONTHS ENDED 10/2019</b>															
Typical Usage - therms (1)	64	120	158	251	245	132	970	91	28	14	10	9	20	172	1,142
<b>Residential Heating</b>															
Customer Charge	\$15.02	\$15.02	\$15.02	\$15.02	\$15.02	\$15.02	\$90.12	\$15.02	\$15.02	\$15.02	\$15.02	\$15.02	\$15.02	\$90.12	\$180.24
Delivery Charge:															
Winter															
Summer															
First 80 therms @ \$0.5502	\$35.21	\$44.02	\$44.02	\$44.02	\$44.02	\$44.02	\$255.31	\$44.02	\$15.41	\$7.70	\$5.50	\$4.95	\$11.00	\$88.58	\$343.89
Next 120 therms @ \$0.5502	\$0.00	\$22.01	\$42.92	\$66.02	\$66.02	\$28.81	\$225.58	\$6.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6.05	\$231.63
Over 200 therms @ \$0.5502	\$0.00	\$0.00	\$0.00	\$28.06	\$24.76	\$0.00	\$52.82	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$52.82
<b>Base Delivery Revenue Total</b>	<b>\$50.23</b>	<b>\$81.05</b>	<b>\$101.96</b>	<b>\$153.12</b>	<b>\$149.82</b>	<b>\$87.85</b>	<b>\$623.83</b>	<b>\$65.09</b>	<b>\$30.43</b>	<b>\$22.72</b>	<b>\$20.52</b>	<b>\$19.97</b>	<b>\$26.02</b>	<b>\$164.75</b>	<b>\$808.58</b>
Seasonal Base Delivery Difference from previous year															
Seasonal Percent Change from previous year															
Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.00	\$0.00
<b>Deferred Revenue Surcharge Total</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
COG Rates	\$1.3802	\$1.4734	\$1.5311	\$1.5011	\$1.3135	\$1.2651	\$1.4151	\$1.1071	\$1.1071	\$1.1071	\$1.1071	\$1.1071	\$1.1071	\$1.1071	\$1.3687
<b>Cost of Gas Total</b>	<b>\$88.33</b>	<b>\$176.81</b>	<b>\$241.91</b>	<b>\$376.76</b>	<b>\$321.81</b>	<b>\$186.89</b>	<b>\$1,372.63</b>	<b>\$100.75</b>	<b>\$31.00</b>	<b>\$15.50</b>	<b>\$11.07</b>	<b>\$9.96</b>	<b>\$22.14</b>	<b>\$190.42</b>	<b>\$1,563.05</b>
LDAC Rate	\$0.0660	\$0.0660	\$0.0660	\$0.0660	\$0.0660	\$0.0660	\$0.0660	\$0.0660	\$0.0660	\$0.0660	\$0.0660	\$0.0660	\$0.0660	\$0.0660	\$0.0660
<b>LDAC Total</b>	<b>\$4.22</b>	<b>\$7.92</b>	<b>\$10.43</b>	<b>\$16.57</b>	<b>\$16.17</b>	<b>\$8.71</b>	<b>\$64.02</b>	<b>\$6.01</b>	<b>\$1.85</b>	<b>\$0.92</b>	<b>\$0.66</b>	<b>\$0.59</b>	<b>\$1.32</b>	<b>\$11.35</b>	<b>\$75.37</b>
Seasonal COG Difference from previous year															
Seasonal Percent Change from previous year															
<b>Total Bill</b>	<b>\$143</b>	<b>\$266</b>	<b>\$354</b>	<b>\$546</b>	<b>\$488</b>	<b>\$263</b>	<b>\$2,080</b>	<b>\$172</b>	<b>\$63</b>	<b>\$39</b>	<b>\$32</b>	<b>\$31</b>	<b>\$49</b>	<b>\$387</b>	<b>\$2,447</b>
Seasonal Total Bill Difference from previous year															
Seasonal Percent Change from previous year															
Seasonal Percent Change resulting from Base Rates (incl Def Revenue Surch)															
Seasonal Percent Change resulting from COG															
Seasonal Percent Change resulting from LDAC															

(1) Residential Heating Typical Usage: Single family detached home using gas for heat hot water and cooking.  
(2) LDAC was not used in Keene distribution rates beginning on 05/01/18 as authorized by NHPUC Order No. 28-122 dated April 27, 2018, in Docket No. DG 17-048