

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2013 ENERGY SERVICE RATE CALCULATION
RATE EFFECTIVE JULY 1, 2013
(Dollars in 000s)

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9 **Summary of Forecasted Energy Service**

| 10 Cost For January 2013 Through December 2013 | TOTAL COST | Cents per KWH | Reference |
|---|--------------------|---------------|--------------------------|
| 11 | | | |
| 12 Fossil energy costs | \$ 88,772 | \$ 2.25 | Attachment MLS-2, page 2 |
| 13 Fossil RPC adjustment (*) | (2) | (0.00) | Attachment MLS-2, page 2 |
| 14 F/H O&M, depreciation & taxes | 106,840 | 2.71 | Attachment MLS-2, page 2 |
| 15 Return on rate base | 38,887 | 0.99 | Attachment MLS-2, page 2 |
| 16 ISO-NE ancillary | 1,621 | 0.04 | Attachment MLS-2, page 2 |
| 17 Capacity | (1,160) | (0.03) | Attachment MLS-2, page 2 |
| 18 NH RPS | 9,209 | 0.23 | Attachment MLS-2, page 2 |
| 19 NH RPS 2012 adjustment (***) | - | - | Attachment MLS-2, page 2 |
| 20 RGGI costs | 1,521 | 0.04 | Attachment MLS-2, page 2 |
| 21 RGGI Auction Refunds | (9,733) | (0.25) | Attachment MLS-2, page 2 |
| 22 IPP costs (**) | 24,704 | 0.63 | Attachment MLS-2, page 2 |
| 23 Wood IPPs (**) | 19,821 | 0.50 | Attachment MLS-2, page 2 |
| 24 Berlin Station | 4,257 | 0.11 | Attachment MLS-2, page 2 |
| 25 Purchases and sales | 27,541 | 0.70 | Attachment MLS-2, page 2 |
| 26 Return on ES Deferral | (21) | (0.00) | Attachment MLS-2, page 2 |
| 27 2012 Actual ES under recovery (***) | <u>7,099</u> | 0.18 | Attachment MLS-2, page 2 |
| 28 | | | |
| 29 Total Updated Energy Service Cost | \$ 319,355 | | |
| 30 Total Updated Revenue | <u>337,391</u> | | |
| 31 2013 ES (Over)/Under Recovery | \$ (18,037) | | |
| 32 | | | |
| 33 Forecasted Retail MWH Sales July - December 2013 | 1,970,873 | | |
| 34 | | | |
| 35 Change to Energy Service Rate - cents per kwh (L32/L34) | (0.92) | | |
| 36 | | | |
| 37 Energy Service Rate as approved in DE 12-292 - cents per kwh | <u>8.56</u> | | |
| 38 | | | |
| 39 Updated Energy Service Rate w/o Scrubber - cents per kwh | 7.64 | | |
| 40 | | | |
| 41 Plus Scrubber ES Rate cents per kwh per DE 11-250 | <u>0.98</u> | | |
| 42 | | | |
| 43 Total Updated Energy Service Rate Effective 7/1/13 - cents per kwh | <u><u>8.62</u></u> | | |

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45 (*) Per Docket 12-116, write-off of Replacement Power Costs.

46 (**) The IPP costs represent the forecasted market value of IPP generation.

47 (***) The 2012 Actual ES under recovery includes the (9,299) NH RPS 2012 adjustment that was included on Line 19 in the May 2, 2013 filing. It also includes an adjustment for 2012 Return on ES deferral of (90) related to the NH RPS 2012 adjustment.

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PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2013 ENERGY SERVICE RATE CALCULATION
RATE EFFECTIVE JULY 1, 2013
(Dollars in 000s)

| | January 2013 Actual | February 2013 Actual | March 2013 Actual | April 2013 Actual | May 2013 Actual | June 2013 Estimate | Reference |
|---|---------------------------|----------------------------|-------------------------|-------------------------|-----------------------|--------------------------|-----------|
| Energy Service Cost | | | | | | | |
| Fossil energy costs | \$ 17,014 | \$ 18,895 | \$ 14,138 | \$ 1,695 | \$ 2,042 | \$ 5,878 | MLS-2, P3 |
| Fossil RPC adjustment (*) | - | - | - | (2) | - | - | |
| F/H O&M, depreciation & taxes | 8,719 | 7,921 | 8,053 | 10,458 | 8,897 | 8,049 | MLS-2, P5 |
| Return on rate base | 3,340 | 3,307 | 3,170 | 3,187 | 3,187 | 3,244 | MLS-2, P6 |
| ISO-NE ancillary | 194 | (526) | (832) | 292 | (7) | 362 | MLS-2, P3 |
| Capacity | 276 | 156 | 153 | 10 | (237) | (171) | MLS-2, P3 |
| NH RPS | 1,521 | 1,521 | 1,521 | - | - | 650 | MLS-2, P3 |
| NH RPS 2012 adjustment | - | - | - | - | - | - | |
| RGGI costs | 149 | 144 | 137 | 103 | 101 | 144 | MLS-2, P3 |
| RGGI Auction Refunds | - | - | - | - | (2,294) | (2,553) | |
| IPP costs (**) | 2,837 | 3,873 | 2,122 | 1,988 | 1,287 | 1,599 | MLS-2, P3 |
| Wood IPPs (**) | 3,824 | 3,438 | 3,027 | 2,266 | 2,163 | 933 | MLS-2, P3 |
| Berlin Station | - | - | - | - | - | - | MLS-2, P3 |
| Purchases and sales (inc. Congestion and Loss Adj.) | (6,152) | (13,255) | (2,754) | 6,286 | 5,570 | 4,668 | MLS-2, P3 |
| Return on ES Deferral | 10 | 4 | (2) | (1) | (1) | (6) | |
| 2012 Actual ES under-recovery (***) | 7,099 | - | - | - | - | - | |
| Total Energy Service Cost | \$ 38,830 | \$ 25,479 | \$ 28,734 | \$ 26,283 | \$ 20,708 | \$ 22,798 | |
| Total Energy Service Revenue at 8.56 ¢/kwh | \$ 33,027 | \$ 31,817 | \$ 30,232 | \$ 23,106 | \$ 23,036 | \$ 27,467 | |
| ES Under/(Over) Recovery | 5,803 | (6,338) | (1,498) | 3,177 | (2,328) | (4,669) | |
| Forecasted Retail MWH Sales | 417,688 | 339,872 | 353,140 | 269,910 | 269,045 | 320,875 | |
| Energy Service Cost - cents per kwh | 9.30 | 7.50 | 8.14 | 9.74 | 7.70 | 7.10 | |

(*) Per Docket 12-116, write-off of Replacement Power Costs.

(**) The IPP costs represent the forecasted market value of IPP generation.

(***) The 2012 Actual ES under recovery includes the (9,299) NH RPS 2012 adjustment that was included on Line 19 in the May 2, 2013 filing. It also includes an adjustment for 2012 Return on ES deferral of (90) related to the NH RPS 2012 adjustment.

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2013 ENERGY SERVICE RATE CALCULATION
RATE EFFECTIVE JULY 1, 2013
(Dollars in 000s)

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| | July 2013 Estimate | August 2013 Estimate | September 2013 Estimate | October 2013 Estimate | November 2013 Estimate | December 2013 Estimate | Total | Reference |
|---|--------------------------|----------------------------|-------------------------------|-----------------------------|------------------------------|------------------------------|-------------------|-----------|
| Energy Service Cost | | | | | | | | |
| Fossil energy costs | \$ 7,862 | \$ 5,136 | \$ 343 | \$ 377 | \$ 365 | \$ 15,027 | \$ 88,772 | MLS-2, P3 |
| Fossil RPC adjustment (*) | - | - | - | - | - | - | (2) | |
| F/H O&M, depreciation & taxes | 8,438 | 9,320 | 7,997 | 12,950 | 7,985 | 8,053 | 106,840 | MLS-2, P5 |
| Return on rate base | 3,283 | 3,252 | 3,226 | 3,200 | 3,219 | 3,272 | 38,887 | MLS-2, P6 |
| ISO-NE ancillary | 418 | 396 | 348 | 314 | 317 | 346 | 1,621 | MLS-2, P3 |
| Capacity | (171) | (171) | (171) | (229) | (229) | (377) | (1,160) | MLS-2, P3 |
| NH RPS | 759 | 715 | 623 | 611 | 616 | 672 | 9,209 | MLS-2, P3 |
| NH RPS 2012 adjustment | - | - | - | - | - | - | - | |
| RGGI costs | 189 | 121 | - | - | - | 433 | 1,521 | MLS-2, P3 |
| RGGI Auction Refunds | - | - | (2,443) | - | - | (2,443) | (9,733) | |
| IPP costs (**) | 1,623 | 1,505 | 1,340 | 1,603 | 1,977 | 2,950 | 24,704 | MLS-2, P3 |
| Wood IPPs (**) | 988 | 926 | 633 | 429 | 473 | 721 | 19,821 | MLS-2, P3 |
| Berlin Station | - | - | - | - | 1,206 | 3,050 | 4,257 | MLS-2, P3 |
| Purchases and sales (inc. Congestion and Loss Adj.) | 5,951 | 7,446 | 9,647 | 8,673 | 8,280 | (6,819) | 27,541 | MLS-2, P3 |
| Return on ES Deferral | (9) | (7) | (7) | (5) | 1 | 1 | (21) | |
| 2012 Actual ES under recovery | - | - | - | - | - | - | 7,099 | |
| Total Energy Service Cost | \$ 29,330 | \$ 28,639 | \$ 21,535 | \$ 27,924 | \$ 24,209 | \$ 24,886 | \$ 319,355 | |
| Total Energy Service Revenue at 8.56 ¢/kwh | \$ 32,030 | \$ 30,190 | \$ 26,299 | \$ 25,804 | \$ 26,004 | \$ 28,380 | 337,391 | |
| ES Under/(Over) Recovery | (2,700) | (1,552) | (4,764) | 2,120 | (1,795) | (3,494) | (18,037) | |
| Forecasted Retail MWH Sales | 374,180 | 352,689 | 307,227 | 301,451 | 303,784 | 331,542 | 3,941,402 | |
| Energy Service Cost - cents per kwh | 7.84 | 8.12 | 7.01 | 9.26 | 7.97 | 7.51 | 8.10 | |

(*) Per Docket 12-116, write-off of Replacement Power Costs.
(**) The IPP costs represent the forecasted market value of IPP generation.

Amounts shown above may not add due to rounding.

PUBLIC SERVICE RATE COMPANY OF NEW HAMPSHIRE
2013 ENERGY SERVICE RATE CALCULATION
RATE EFFECTIVE JULY 1, 2013

PSNH Generation (GWh) and Expense (\$000)
IPP's Priced at Market Rate

| | | Jan-13 | Feb-13 | Mar-13 | Apr-13 | May-13 | Jun-13 | Jul-13 | Aug-13 | Sep-13 | Oct-13 | Nov-13 | Dec-13 | Total | |
|----|-------------------------------------|----------------|-------------|-----------|-----------|-----------|----------|----------|----------|----------|---------|---------|---------|-----------|-----------|
| 1 | | | | | | | | | | | | | | | |
| 2 | Hydro: | Energy | 32.150 | 29.409 | 36.561 | 44.628 | 35.845 | 28.548 | 21.440 | 19.249 | 15.899 | 24.245 | 32.160 | 31.993 | 352.126 |
| 3 | | | | | | | | | | | | | | | |
| 4 | Coal: | Energy | 311.200 | 317.760 | 253.291 | 10.925 | 16.153 | 99.912 | 122.766 | 75.271 | 0.000 | 0.000 | 0.000 | 314.224 | 1,521.502 |
| 5 | | Energy Expense | \$ 14,755 | 15,640 | 12,558 | 1,410 | 1,342 | 4,754 | 5,910 | 3,495 | 0 | 0 | 0 | 14,650 | 74,513 |
| 6 | | | | | | | | | | | | | | | |
| 7 | Wood: | Energy | 29.658 | 27.438 | 29.802 | 12.071 | 28.454 | 26.056 | 26.925 | 26.925 | 26.056 | 28.633 | 27.710 | 28.633 | 318.361 |
| 8 | | Energy Expense | \$ 1,710 | 1,616 | 1,762 | 831 | 1,553 | 1,485 | 1,535 | 1,485 | 1,632 | 1,580 | 1,632 | 1,632 | 18,358 |
| 9 | | Revenue Credit | \$ (1,088) | (1,027) | (1,092) | (605) | (1,343) | (1,142) | (1,180) | (1,180) | (1,142) | (1,255) | (1,215) | (1,255) | (13,526) |
| 10 | | | | | | | | | | | | | | | |
| 11 | IC/Jets | Energy | 0.067 | (0.076) | (0.000) | 0.033 | 0.104 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 |
| 12 | | Energy Expense | \$ 37 | 3 | 8 | 24 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 109 |
| 13 | | | | | | | | | | | | | | | |
| 14 | Newington: | Energy | 18.438 | 21.345 | 3.652 | (0.518) | 1.242 | 9.672 | 26.598 | 22.367 | 0.000 | 0.000 | 0.000 | 0.000 | 102.797 |
| 15 | | Energy Expense | \$ 1,600 | 2,663 | 902 | 36 | 453 | 781 | 1,597 | 1,287 | 0 | 0 | 0 | 0 | 9,318 |
| 16 | | | | | | | | | | | | | | | |
| 17 | IPP's: | Energy | 32.462 | 31.823 | 40.739 | 44.477 | 30.604 | 34.114 | 33.829 | 33.292 | 33.940 | 40.156 | 44.258 | 45.806 | 445.498 |
| 18 | | Energy Expense | \$ 2,698 | 3,735 | 1,984 | 1,851 | 1,149 | 1,511 | 1,535 | 1,416 | 1,252 | 1,471 | 1,844 | 2,817 | 23,263 |
| 19 | | ICAP | \$ 139 | 139 | 138 | 138 | 138 | 88 | 88 | 88 | 88 | 132 | 132 | 132 | 1,441 |
| 20 | | | | | | | | | | | | | | | |
| 21 | Wood IPPs: | Energy | 55.336 | 49.825 | 57.415 | 54.081 | 57.592 | 21.060 | 21.762 | 21.762 | 17.172 | 11.718 | 11.340 | 11.718 | 390.782 |
| 22 | | Energy Expense | \$ 3,824 | 3,438 | 3,027 | 2,266 | 2,163 | 933 | 988 | 926 | 633 | 429 | 473 | 721 | 19,821 |
| 23 | | ICAP | \$ 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | | | | | | | | | | | | | | | |
| 25 | Berlin Station | Energy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17.690 | 42.185 | 59.875 | |
| 26 | | Energy Expense | \$ 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,206 | 2,877 | 4,083 | |
| 27 | | ICAP | \$ 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 173 | 173 | |
| 28 | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | |
| 32 | Known Purchases | Energy | 16.529 | 6.931 | 28.258 | 111.585 | 106.075 | 3.814 | 2.897 | 2.995 | 124.216 | 105.379 | 101.555 | 7.125 | 617.360 |
| 33 | | Expense | \$ 967 | 724 | 1,523 | 5,410 | 4,776 | 200 | 152 | 157 | 5,645 | 4,808 | 4,631 | 394 | 29,389 |
| 34 | | ICAP | \$ 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 24 |
| 35 | | | | | | | | | | | | | | | |
| 36 | Peak and Offpeak Purchase: | Energy | 53.444 | 12.429 | 48.157 | 142.526 | 117.620 | 131.183 | 154.328 | 182.922 | 108.016 | 108.542 | 86.598 | 0.000 | 1,145.765 |
| 37 | | Expense | \$ 4,257 | 1,853 | 3,057 | 6,056 | 4,561 | 5,422 | 6,778 | 7,971 | 4,156 | 3,984 | 3,735 | 0 | 51,830 |
| 38 | | | | | | | | | | | | | | | |
| 39 | Energy Sales | Energy | (125.531) | (142.627) | (143.407) | (115.115) | (94.644) | (15.162) | (14.998) | (11.954) | (0.529) | (0.009) | (0.180) | (131.211) | (795.367) |
| 40 | | (Credit) | \$ (11,377) | (15,832) | (7,334) | (5,180) | (3,767) | (994) | (1,029) | (669) | (15) | (0) | (7) | (7,768) | (53,973) |
| 41 | | | | | | | | | | | | | | | |
| 42 | Congestion and Loss Adjustment | | \$ 0 | 0 | 0 | 0 | 0 | 40 | 50 | (13) | (140) | (119) | (79) | 531 | 271 |
| 43 | | | | | | | | | | | | | | | |
| 44 | Total Energy GWH | | 423.753 | 354.258 | 354.469 | 304.693 | 299.045 | 339.197 | 395.546 | 372.827 | 324.770 | 318.664 | 321.130 | 350.473 | 4158.826 |
| 45 | Total Energy Expense | \$ | 17,522 | 12,951 | 16,534 | 12,236 | 11,062 | 13,078 | 16,423 | 15,013 | 11,963 | 11,083 | 12,301 | 14,929 | 165,094 |
| 46 | | | | | | | | | | | | | | | |
| 47 | | | | | | | | | | | | | | | |
| 48 | ISO-NE Ancillary | \$ | 194 | (526) | (832) | 292 | (7) | 362 | 418 | 396 | 348 | 314 | 317 | 346 | 1,621 |
| 49 | NH RPS | \$ | 1,521 | 1,521 | 1,521 | 0 | 0 | 650 | 759 | 715 | 623 | 611 | 616 | 672 | 9,209 |
| 50 | RGGI Costs | \$ | 149 | 144 | 137 | 103 | 101 | 144 | 189 | 121 | 0 | 0 | 0 | 433 | 1,521 |
| 51 | | | | | | | | | | | | | | | |
| 52 | Capacity (sold)/bought MW-mo | | 78 | 65 | 35 | (19) | (59) | (58) | (58) | (58) | (58) | (78) | (78) | (128) | (415) |
| 53 | Capacity (sold)/bought Cost (\$000) | \$ | 276 | 156 | 153 | 10 | (237) | (171) | (171) | (171) | (171) | (229) | (229) | (377) | (1,160) |

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2013 ENERGY SERVICE RATE CALCULATION
RATE EFFECTIVE JULY 1, 2013

1 **Forecasted PSNH IPP Market Value - April - December 2013**

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| 4 | | IPP Energy at | | | | | | |
|----|-----------|---------------|----------------------|----------------|------------------------|-----------------|------------------|-----------------|
| 5 | Month | IPP GWh | Mkt Value (\$000) | Capacity MW | ICAP Value \$/kw-mo | ICAP (\$000) | Total (\$000) | Total \$/MWh |
| 6 | June | 34.114 | 1,511 | 29.9 | 2.95 | 88 | 1,599 | 46.88 |
| 7 | July | 33.829 | 1,535 | 29.9 | 2.95 | 88 | 1,623 | 47.99 |
| 8 | August | 33.292 | 1,416 | 29.9 | 2.95 | 88 | 1,505 | 45.20 |
| 9 | September | 33.940 | 1,252 | 29.9 | 2.95 | 88 | 1,340 | 39.48 |
| 10 | October | 40.156 | 1,471 | 44.9 | 2.95 | 132 | 1,603 | 39.93 |
| 11 | November | 44.258 | 1,844 | 44.9 | 2.95 | 132 | 1,977 | 44.66 |
| 12 | December | 45.806 | 2,817 | 44.9 | 2.95 | 132 | 2,950 | 64.40 |
| 13 | Total | 265.394 | 11,846 | | | 751 | 12,597 | 47.47 |

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2013 ENERGY SERVICE RATE CALCULATION
RATE EFFECTIVE JULY 1, 2013
Fossil / Hydro O&M, Depreciation & Taxes Detail
(Dollars in 000s)

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| | January 2013 | February 2013 | March 2013 | April 2013 | May 2013 | June 2013 | July 2013 | August 2013 | September 2013 | October 2013 | November 2013 | December 2013 | Total |
|--|-----------------|------------------|-----------------|------------------|-----------------|-----------------|-----------------|-----------------|-------------------|------------------|------------------|------------------|-------------------|
| Fossil / Hydro O&M, Depr. & Taxes | Actual | Actual | Actual | Actual | Actual | Estimate | Estimate | Estimate | Estimate | Estimate | Estimate | Estimate | |
| F/H Operation & Maintenance Cost | \$ 5,860 | \$ 5,118 | \$ 5,370 | \$ 8,290 | \$ 6,107 | \$ 5,197 | \$ 5,589 | \$ 6,486 | \$ 5,149 | \$ 10,027 | \$ 5,148 | \$ 5,217 | \$ 73,558 |
| F/H Depreciation Cost | 1,539 | 1,535 | 1,535 | 1,536 | 1,543 | 1,527 | 1,527 | 1,529 | 1,530 | 1,530 | 1,530 | 1,537 | 18,398 |
| F/H Property Taxes | 1,023 | 1,023 | 1,023 | 416 | 950 | 1,094 | 1,094 | 1,094 | 1,094 | 1,094 | 1,094 | 1,094 | 12,091 |
| F/H Payroll and Other Taxes | 256 | 204 | 84 | 174 | 255 | 189 | 185 | 169 | 181 | 255 | 169 | 162 | 2,282 |
| Amort. of Asset Retirement Obligation | 41 | 41 | 41 | 42 | 42 | 42 | 43 | 43 | 43 | 44 | 44 | 44 | 510 |
| Total F/H O&M, Depr. and Taxes | \$ 8,719 | \$ 7,921 | \$ 8,053 | \$ 10,458 | \$ 8,897 | \$ 8,049 | \$ 8,438 | \$ 9,320 | \$ 7,997 | \$ 12,950 | \$ 7,985 | \$ 8,053 | \$ 106,840 |

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2013 ENERGY SERVICE RATE CALCULATION
RATE EFFECTIVE JULY 1, 2013
FOSSIL/HYDRO RETURN ON RATE BASE
(Dollars in 000s)

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| | January 2013 Actual | February 2013 Actual | March 2013 Actual | April 2013 Actual | May 2013 Actual | June 2013 Estimate | July 2013 Estimate | August 2013 Estimate | September 2013 Estimate | October 2013 Estimate | November 2013 Estimate | December 2013 Estimate | Total |
|---|---------------------------|----------------------------|-------------------------|-------------------------|-----------------------|--------------------------|--------------------------|----------------------------|-------------------------------|-----------------------------|------------------------------|------------------------------|-----------|
| Return on Rate Base | | | | | | | | | | | | | |
| Rate base | | | | | | | | | | | | | |
| Net Plant | 293,028 | 294,485 | 287,533 | 287,533 | 287,533 | 284,386 | 283,605 | 282,670 | 281,647 | 281,293 | 283,769 | 286,444 | |
| Working Capital Allow. (45 days of O&M) | 9,069 | 9,069 | 9,069 | 9,069 | 9,069 | 9,069 | 9,069 | 9,069 | 9,069 | 9,069 | 9,069 | 9,069 | |
| Fossil Fuel Inventory | 39,590 | 39,590 | 37,956 | 37,956 | 37,956 | 46,140 | 44,332 | 44,332 | 44,242 | 44,197 | 47,672 | 51,681 | |
| Mat'ls and Supplies | 51,273 | 51,273 | 51,511 | 51,511 | 51,511 | 51,357 | 51,384 | 51,404 | 51,415 | 51,437 | 51,575 | 51,723 | |
| Prepayments | 2,609 | 2,609 | 1,807 | 1,807 | 1,807 | 2,622 | 2,622 | 2,622 | 2,622 | 2,622 | 2,622 | 2,622 | |
| Deferred Taxes | (17,614) | (16,193) | (17,582) | (17,582) | (17,582) | (24,561) | (24,837) | (25,479) | (24,338) | (25,561) | (24,450) | (23,460) | |
| Other Regulatory Obligations | (21,392) | (21,392) | (26,074) | (26,074) | (26,074) | (12,444) | (13,625) | (14,692) | (17,772) | (18,568) | (19,376) | (22,037) | |
| Total Rate Base (L15 thru L22) | 356,562 | 359,440 | 344,220 | 344,220 | 344,220 | 356,569 | 352,550 | 349,926 | 346,885 | 344,488 | 350,881 | 356,042 | |
| Average Rate Base (prev + curr month) | 361,620 | 358,001 | 351,830 | 344,220 | 344,220 | 350,394 | 354,560 | 351,238 | 348,405 | 345,687 | 347,685 | 353,461 | |
| x Return | 0.9237% | 0.9237% | 0.9237% | 0.9258% | 0.9258% | 0.9258% | 0.9258% | 0.9258% | 0.9258% | 0.9258% | 0.9258% | 0.9258% | |
| Return (L25 x L26) | \$ 3,340 | \$ 3,307 | \$ 3,170 | \$ 3,187 | \$ 3,187 | \$ 3,244 | \$ 3,283 | \$ 3,252 | \$ 3,226 | \$ 3,200 | \$ 3,219 | \$ 3,272 | \$ 38,887 |

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2013 ENERGY SERVICE RATE CALCULATION
RATE EFFECTIVE JULY 1, 2013
DETAIL OF WOOD IPP PURCHASES
(000s)

| | Actual January 2013 | Actual February 2013 | Actual March 2013 | Actual April 2013 | Actual May 2013 | Estimate June 2013 | Estimate July 2013 | Estimate August 2013 | Estimate September 2013 | Estimate October 2013 | Estimate November 2013 | Estimate December 2013 | Total 2013 |
|---|---------------------------|----------------------------|-------------------------|-------------------------|-----------------------|--------------------------|--------------------------|----------------------------|-------------------------------|-----------------------------|------------------------------|------------------------------|---------------|
| 1 Detail of Wood IPP Purchases | | | | | | | | | | | | | |
| 2 Generation - MWH | | | | | | | | | | | | | |
| 3 Alexandria | 8,258 | 6,654 | 10,097 | 9,596 | 10,169 | - | - | - | - | - | - | - | 44,773 |
| 4 Bethlehem | 11,480 | 10,369 | 11,431 | 10,087 | 11,455 | - | - | - | - | - | - | - | 54,822 |
| 5 Bridgewater | 11,090 | 10,003 | 10,999 | 9,399 | 11,246 | 9,720 | 10,044 | 10,044 | 5,832 | - | - | - | 88,377 |
| 6 Springfield | 11,445 | 10,572 | 11,934 | 10,742 | 9,961 | 11,340 | 11,718 | 11,718 | 11,340 | 11,718 | 11,340 | 11,718 | 135,545 |
| 7 Tamworth | 13,063 | 12,228 | 12,954 | 14,258 | 14,761 | - | - | - | - | - | - | - | 67,264 |
| 8 | 55,336 | 49,825 | 57,415 | 54,081 | 57,592 | 21,060 | 21,762 | 21,762 | 17,172 | 11,718 | 11,340 | 11,718 | 390,782 |
| 9 Contract Price Incl. Fuel Price Adj. | | | | | | | | | | | | | |
| 10 Alexandria | \$ 567 | \$ 459 | \$ 771 | \$ 665 | \$ 702 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 3,164 |
| 11 Bethlehem | 792 | 715 | 871 | 696 | 790 | - | - | - | - | - | - | - | 3,865 |
| 12 Bridgewater | 765 | 690 | 907 | 649 | 776 | 718 | 742 | 742 | 431 | - | - | - | 6,419 |
| 13 Springfield | 798 | 729 | 813 | 749 | 687 | 807 | 834 | 834 | 807 | 834 | 807 | 834 | 9,534 |
| 14 Tamworth | 901 | 844 | 971 | 984 | 1,018 | - | - | - | - | - | - | - | 4,719 |
| 15 | \$ 3,824 | \$ 3,438 | \$ 4,334 | \$ 3,742 | \$ 3,974 | \$ 1,525 | \$ 1,576 | \$ 1,576 | \$ 1,238 | \$ 834 | \$ 807 | \$ 834 | \$ 27,700 |
| 16 Contract Nodal Market Value | | | | | | | | | | | | | |
| 17 Alexandria | \$ 695 | \$ 754 | \$ 535 | \$ 407 | \$ 388 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 2,779 |
| 18 Bethlehem | 928 | 1,067 | 594 | 410 | 426 | - | - | - | - | - | - | - | 3,424 |
| 19 Bridgewater | 923 | 1,057 | 584 | 402 | 429 | 431 | 456 | 427 | 215 | - | - | - | 4,923 |
| 20 Springfield | 951 | 1,124 | 644 | 459 | 373 | 502 | 532 | 499 | 418 | 429 | 473 | 721 | 7,124 |
| 21 Tamworth | 1,056 | 1,258 | 670 | 589 | 548 | - | - | - | - | - | - | - | 4,121 |
| 22 | \$ 4,552 | \$ 5,260 | \$ 3,027 | \$ 2,266 | \$ 2,163 | \$ 933 | \$ 988 | \$ 926 | \$ 633 | \$ 429 | \$ 473 | \$ 721 | \$ 22,371 |
| 23 Fuel Price Adjustment | | | | | | | | | | | | | |
| 24 Alexandria | \$ (3) | \$ - | \$ 75 | \$ 2 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 74 |
| 25 Bethlehem | - | - | 83 | - | - | - | - | - | - | - | - | - | 83 |
| 26 Bridgewater | - | - | 148 | - | - | 47 | 49 | 49 | 28 | - | - | - | 321 |
| 27 Springfield | 8 | - | (10) | 8 | - | 24 | 25 | 25 | 24 | 25 | 24 | 25 | 181 |
| 28 Tamworth | (0) | - | 78 | - | - | - | - | - | - | - | - | - | 77 |
| 29 | \$ 5 | \$ - | \$ 372 | \$ 11 | \$ - | \$ 72 | \$ 74 | \$ 74 | \$ 53 | \$ 25 | \$ 24 | \$ 25 | \$ 736 |
| 30 Over-Market | | | | | | | | | | | | | |
| 31 Alexandria | \$ (128) | \$ (295) | \$ 236 | \$ 258 | \$ 313 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 385 |
| 32 Bethlehem | (136) | (351) | 278 | 286 | 364 | - | - | - | - | - | - | - | 441 |
| 33 Bridgewater | (158) | (367) | 323 | 247 | 347 | 287 | 286 | 315 | 216 | - | - | - | 1,497 |
| 34 Springfield | (153) | (394) | 169 | 291 | 314 | 305 | 302 | 335 | 389 | 405 | 334 | 113 | 2,410 |
| 35 Tamworth | (155) | (415) | 301 | 395 | 471 | - | - | - | - | - | - | - | 597 |
| | \$ (729) | \$ (1,822) | \$ 1,307 | \$ 1,477 | \$ 1,810 | \$ 592 | \$ 588 | \$ 650 | \$ 605 | \$ 405 | \$ 334 | \$ 113 | \$ 5,330 |

Amounts shown above may not add due to rounding.