

Via Electronic Transmission and Hand Delivery

October 12, 2021

Ms. Luly Massaro, Commission Clerk
Rhode Island Public Utilities Commission
89 Jefferson Boulevard
Warwick, RI 02888

Re: Docket No. 5180 - 2021 Annual Gas Cost Recovery Reconciliation

Dear Ms. Massaro:

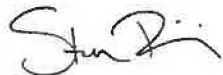
I have enclosed for filing ten (10) copies of revised Attachment GLF-3 to the prefiled joint direct testimony of Gas Load Forecasting witnesses Shira Horowitz and Theodore M. Poe in the referenced proceeding.

Upon review of their testimony, Ms. Hortowitz and Mr. Poe realized that existing Attachment GLF-3 mistakenly compared 2021 economic data to 2019 economic data. Attachment GLF-3 was intended to show a comparison of 2021 economic data to 2020 economic data.

The original Attachment GLF-3, Bates numbered 153-155 in the Confidential version of Company's September 10, 2021 Revised Gas Cost Recovery filing and 166-168 the public version, should be discarded and the enclosed revised Attachment GLF-3 should be substituted in its place.

Please contact me if you have any questions.

Very truly yours,



Steven J. Boyajian

Enclosure

cc: Docket 5180 Service List

2021 National Grid RI Economic Data
(Prices in 2019 \$/Dth)

Chart III-B-3
Page 1 of 3

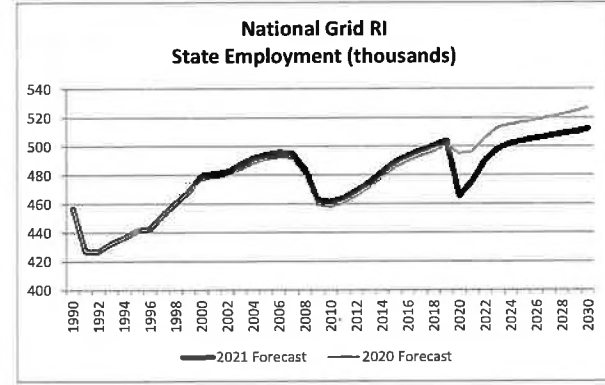
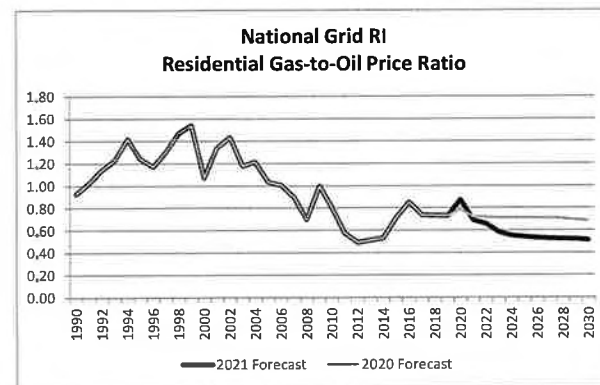
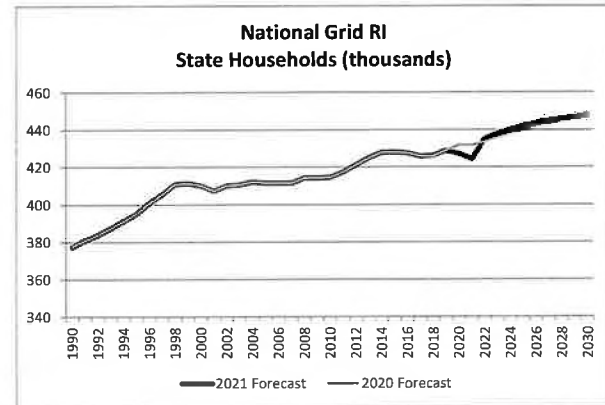
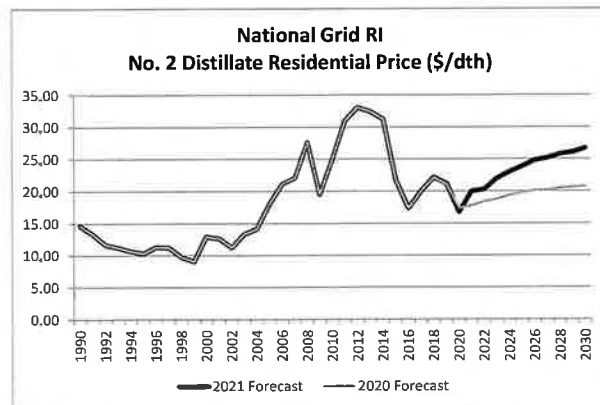
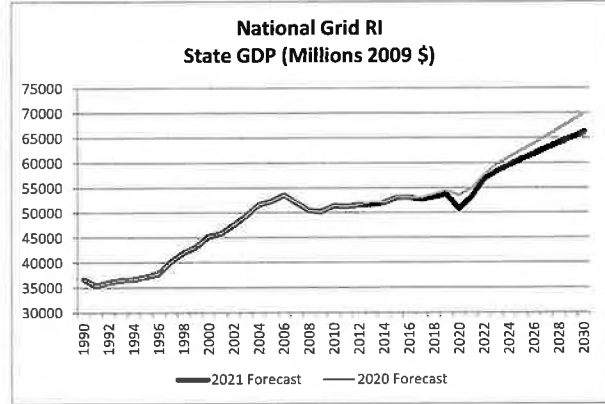
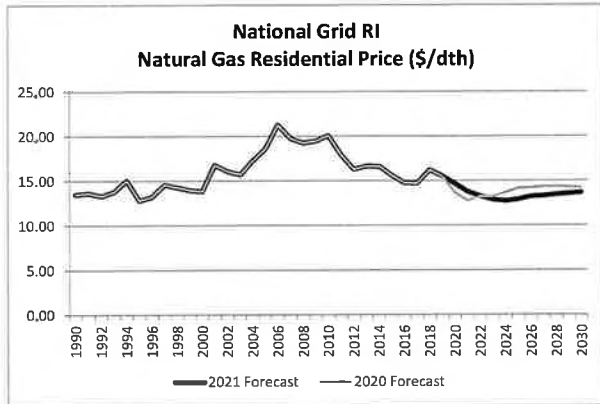
| Year | NGPRCR Natural Gas Residential Price | OILPRCR No 2 Distillate Residential Price by All Sellers | GORR Residential Gas-to-Oil Price Ratio | GDP GDP (2009 Millions of \$) | HH Households (thousands) | EMPL Non-Farm Employment (thousands) |
|-----------|---|---|--|-------------------------------------|---------------------------------|---|
| 1990 | 13.50 | 14.60 | 0.92 | 36680 | 377 | 457 |
| 1991 | 13.62 | 13.32 | 1.02 | 35355 | 381 | 427 |
| 1992 | 13.33 | 11.69 | 1.14 | 35967 | 384 | 427 |
| 1993 | 13.77 | 11.20 | 1.23 | 36534 | 387 | 432 |
| 1994 | 15.06 | 10.61 | 1.42 | 36605 | 391 | 436 |
| 1995 | 12.79 | 10.30 | 1.24 | 37187 | 395 | 441 |
| 1996 | 13.18 | 11.25 | 1.17 | 37773 | 401 | 443 |
| 1997 | 14.58 | 11.19 | 1.30 | 40135 | 405 | 452 |
| 1998 | 14.24 | 9.70 | 1.47 | 41918 | 411 | 460 |
| 1999 | 13.96 | 9.05 | 1.54 | 43157 | 411 | 468 |
| 2000 | 13.82 | 12.91 | 1.07 | 45250 | 410 | 480 |
| 2001 | 16.81 | 12.61 | 1.33 | 45903 | 407 | 481 |
| 2002 | 16.03 | 11.17 | 1.43 | 47581 | 410 | 482 |
| 2003 | 15.68 | 13.33 | 1.18 | 49344 | 411 | 487 |
| 2004 | 17.18 | 14.12 | 1.22 | 51552 | 412 | 491 |
| 2005 | 18.56 | 18.01 | 1.03 | 52284 | 411 | 494 |
| 2006 | 21.29 | 21.17 | 1.01 | 53492 | 411 | 496 |
| 2007 | 19.70 | 22.08 | 0.89 | 51999 | 412 | 495 |
| 2008 | 19.25 | 27.64 | 0.70 | 50413 | 414 | 484 |
| 2009 | 19.45 | 19.50 | 1.00 | 50216 | 414 | 463 |
| 2010 | 20.06 | 25.04 | 0.80 | 51363 | 415 | 462 |
| 2011 | 17.92 | 31.02 | 0.58 | 51263 | 417 | 464 |
| 2012 | 16.28 | 33.03 | 0.49 | 51607 | 421 | 469 |
| 2013 | 16.62 | 32.44 | 0.51 | 51679 | 425 | 475 |
| 2014 | 16.57 | 31.26 | 0.53 | 52004 | 428 | 482 |
| 2015 | 15.61 | 21.83 | 0.72 | 52956 | 428 | 489 |
| 2016 | 14.75 | 17.33 | 0.85 | 53031 | 428 | 494 |
| 2017 | 14.70 | 19.98 | 0.74 | 52728 | 426 | 497 |
| 2018 | 16.23 | 22.12 | 0.73 | 53133 | 426 | 500 |
| 2019 | 15.53 | 21.22 | 0.73 | 53671 | 429 | 504 |
| 2020 | 14.66 | 16.75 | 0.88 | 50796 | 427 | 465 |
| 2021 | 13.79 | 19.99 | 0.69 | 53216 | 424 | 476 |
| 2022 | 13.28 | 20.19 | 0.66 | 56770 | 435 | 490 |
| 2023 | 12.86 | 22.03 | 0.58 | 58328 | 438 | 498 |
| 2024 | 12.73 | 23.01 | 0.55 | 59566 | 440 | 502 |
| 2025 | 12.91 | 23.87 | 0.54 | 60747 | 442 | 504 |
| 2026 | 13.21 | 24.77 | 0.53 | 61800 | 443 | 506 |
| 2027 | 13.32 | 25.17 | 0.53 | 62899 | 445 | 507 |
| 2028 | 13.45 | 25.76 | 0.52 | 63982 | 446 | 509 |
| 2029 | 13.56 | 26.11 | 0.52 | 65056 | 447 | 510 |
| 2030 | 13.65 | 26.63 | 0.51 | 66078 | 448 | 512 |
| PY26/PY21 | -0.86% | 4.39% | -5.03% | 3.04% | 0.88% | 1.22% |

2020 National Grid RI Economic Data
(Prices in 2019 \$/Dth)

Chart III-B-3
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| Year | NGPRCR | OILPRCR | GORR | GDP | Households | Non-Farm |
|-----------|-------------------------------|--|--------|-----------------------|-------------|-------------|
| | Natural Gas Residential Price | No 2 Distillate Residential Price by All Sellers | | | | Employment |
| | (2019 \$/Dth) | (2019 \$/Dth) | | (2005 Millions of \$) | (thousands) | (thousands) |
| 1990 | 13.50 | 14.60 | 0.92 | 36680 | 377 | 457 |
| 1991 | 13.62 | 13.32 | 1.02 | 35355 | 381 | 427 |
| 1992 | 13.33 | 11.69 | 1.14 | 35967 | 384 | 427 |
| 1993 | 13.77 | 11.20 | 1.23 | 36534 | 387 | 432 |
| 1994 | 15.06 | 10.61 | 1.42 | 36605 | 391 | 436 |
| 1995 | 12.79 | 10.30 | 1.24 | 37187 | 395 | 441 |
| 1996 | 13.18 | 11.25 | 1.17 | 37773 | 401 | 443 |
| 1997 | 14.58 | 11.19 | 1.30 | 40135 | 405 | 452 |
| 1998 | 14.24 | 9.70 | 1.47 | 41918 | 411 | 460 |
| 1999 | 13.96 | 9.05 | 1.54 | 43157 | 411 | 468 |
| 2000 | 13.82 | 12.91 | 1.07 | 45245 | 410 | 477 |
| 2001 | 16.81 | 12.61 | 1.33 | 45916 | 407 | 478 |
| 2002 | 16.03 | 11.17 | 1.43 | 47607 | 410 | 479 |
| 2003 | 15.68 | 13.33 | 1.18 | 49370 | 411 | 484 |
| 2004 | 17.18 | 14.12 | 1.22 | 51582 | 412 | 488 |
| 2005 | 18.56 | 18.01 | 1.03 | 52314 | 411 | 491 |
| 2006 | 21.29 | 21.17 | 1.01 | 53517 | 411 | 493 |
| 2007 | 19.70 | 22.08 | 0.89 | 52092 | 412 | 492 |
| 2008 | 19.25 | 27.64 | 0.70 | 50448 | 414 | 481 |
| 2009 | 19.45 | 19.50 | 1.00 | 50212 | 414 | 459 |
| 2010 | 20.06 | 25.04 | 0.80 | 51466 | 415 | 458 |
| 2011 | 17.92 | 31.03 | 0.58 | 51270 | 417 | 461 |
| 2012 | 16.28 | 33.04 | 0.49 | 51641 | 421 | 465 |
| 2013 | 16.62 | 32.45 | 0.51 | 52085 | 425 | 471 |
| 2014 | 16.57 | 31.26 | 0.53 | 52133 | 428 | 479 |
| 2015 | 15.61 | 21.83 | 0.72 | 53095 | 428 | 485 |
| 2016 | 14.74 | 17.32 | 0.85 | 53091 | 427 | 490 |
| 2017 | 14.69 | 19.96 | 0.74 | 52989 | 426 | 493 |
| 2018 | 16.23 | 22.12 | 0.73 | 53622 | 426 | 496 |
| 2019 | 15.42 | 21.07 | 0.73 | 54464 | 429 | 501 |
| 2020 | 13.64 | 17.38 | 0.78 | 53470 | 431 | 495 |
| 2021 | 12.82 | 17.73 | 0.72 | 54933 | 432 | 496 |
| 2022 | 13.19 | 18.32 | 0.72 | 57588 | 434 | 506 |
| 2023 | 13.26 | 18.73 | 0.71 | 59640 | 436 | 513 |
| 2024 | 13.68 | 19.34 | 0.71 | 61109 | 438 | 515 |
| 2025 | 14.13 | 19.75 | 0.72 | 62449 | 440 | 517 |
| 2026 | 14.19 | 20.08 | 0.71 | 63820 | 442 | 519 |
| 2027 | 14.30 | 20.14 | 0.71 | 65280 | 443 | 520 |
| 2028 | 14.35 | 20.43 | 0.70 | 66809 | 445 | 522 |
| 2029 | 14.27 | 20.62 | 0.69 | 68320 | 446 | 524 |
| 2030 | 14.19 | 20.73 | 0.68 | 69851 | 447 | 527 |
| PY26/PY21 | 2.04% | 2.52% | -0.46% | 3.04% | 0.47% | 0.88% |

Chart III-B-3
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2021 National Grid RI Economic Data
(Prices in 2019 \$/Dth)

Chart III-B-3
Page 1 of 3

| Year | NGPRCR | OILPRCR | GORR | GDP | HH | EMPL |
|-----------|-------------------------------|--|------------------------------------|---------------------------|------------------------|---------------------------------|
| | Natural Gas Residential Price | No 2 Distillate Residential Price by All Sellers | Residential Gas-to-Oil Price Ratio | GDP (2009 Millions of \$) | Households (thousands) | Non-Farm Employment (thousands) |
| 1990 | 13.50 | 14.60 | 0.92 | 36680 | 377 | 457 |
| 1991 | 13.62 | 13.32 | 1.02 | 35355 | 381 | 427 |
| 1992 | 13.33 | 11.69 | 1.14 | 35967 | 384 | 427 |
| 1993 | 13.77 | 11.20 | 1.23 | 36534 | 387 | 432 |
| 1994 | 15.06 | 10.61 | 1.42 | 36605 | 391 | 436 |
| 1995 | 12.79 | 10.30 | 1.24 | 37187 | 395 | 441 |
| 1996 | 13.18 | 11.25 | 1.17 | 37773 | 401 | 443 |
| 1997 | 14.58 | 11.19 | 1.30 | 40135 | 405 | 452 |
| 1998 | 14.24 | 9.70 | 1.47 | 41918 | 411 | 460 |
| 1999 | 13.96 | 9.05 | 1.54 | 43157 | 411 | 468 |
| 2000 | 13.82 | 12.91 | 1.07 | 45250 | 410 | 480 |
| 2001 | 16.81 | 12.61 | 1.33 | 45903 | 407 | 481 |
| 2002 | 16.03 | 11.17 | 1.43 | 47581 | 410 | 482 |
| 2003 | 15.68 | 13.33 | 1.18 | 49344 | 411 | 487 |
| 2004 | 17.18 | 14.12 | 1.22 | 51552 | 412 | 491 |
| 2005 | 18.56 | 18.01 | 1.03 | 52284 | 411 | 494 |
| 2006 | 21.29 | 21.17 | 1.01 | 53492 | 411 | 496 |
| 2007 | 19.70 | 22.08 | 0.89 | 51999 | 412 | 495 |
| 2008 | 19.25 | 27.64 | 0.70 | 50413 | 414 | 484 |
| 2009 | 19.45 | 19.50 | 1.00 | 50216 | 414 | 463 |
| 2010 | 20.06 | 25.04 | 0.80 | 51363 | 415 | 462 |
| 2011 | 17.92 | 31.02 | 0.58 | 51263 | 417 | 464 |
| 2012 | 16.28 | 33.03 | 0.49 | 51607 | 421 | 469 |
| 2013 | 16.62 | 32.44 | 0.51 | 51679 | 425 | 475 |
| 2014 | 16.57 | 31.26 | 0.53 | 52004 | 428 | 482 |
| 2015 | 15.61 | 21.83 | 0.72 | 52956 | 428 | 489 |
| 2016 | 14.75 | 17.33 | 0.85 | 53031 | 428 | 494 |
| 2017 | 14.70 | 19.98 | 0.74 | 52728 | 426 | 497 |
| 2018 | 16.23 | 22.12 | 0.73 | 53133 | 426 | 500 |
| 2019 | 15.53 | 21.22 | 0.73 | 53671 | 429 | 504 |
| 2020 | 14.66 | 16.75 | 0.88 | 50796 | 427 | 465 |
| 2021 | 13.79 | 19.99 | 0.69 | 53216 | 424 | 476 |
| 2022 | 13.28 | 20.19 | 0.66 | 56770 | 435 | 490 |
| 2023 | 12.86 | 22.03 | 0.58 | 58328 | 438 | 498 |
| 2024 | 12.73 | 23.01 | 0.55 | 59566 | 440 | 502 |
| 2025 | 12.91 | 23.87 | 0.54 | 60747 | 442 | 504 |
| 2026 | 13.21 | 24.77 | 0.53 | 61800 | 443 | 506 |
| 2027 | 13.32 | 25.17 | 0.53 | 62899 | 445 | 507 |
| 2028 | 13.45 | 25.76 | 0.52 | 63982 | 446 | 509 |
| 2029 | 13.56 | 26.11 | 0.52 | 65056 | 447 | 510 |
| 2030 | 13.65 | 26.63 | 0.51 | 66078 | 448 | 512 |
| PY26/PY21 | -0.86% | 4.39% | -5.03% | 3.04% | 0.88% | 1.22% |

2020 National Grid RI Economic Data
(Prices in 2019 \$/Dth)

Chart III-B-3
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| Year | NGPRCR | OILPRCR | GORR | GDP | Households | Non-Farm |
|-----------|-------------------------------|--|--------|-----------------------|-------------|-------------|
| | Natural Gas Residential Price | No 2 Distillate Residential Price by All Sellers | | | | Employment |
| | Residential | Residential | | (2005 Millions of \$) | (thousands) | (thousands) |
| 1990 | 13.50 | 14.60 | 0.92 | 36680 | 377 | 457 |
| 1991 | 13.62 | 13.32 | 1.02 | 35355 | 381 | 427 |
| 1992 | 13.33 | 11.69 | 1.14 | 35967 | 384 | 427 |
| 1993 | 13.77 | 11.20 | 1.23 | 36534 | 387 | 432 |
| 1994 | 15.06 | 10.61 | 1.42 | 36605 | 391 | 436 |
| 1995 | 12.79 | 10.30 | 1.24 | 37187 | 395 | 441 |
| 1996 | 13.18 | 11.25 | 1.17 | 37773 | 401 | 443 |
| 1997 | 14.58 | 11.19 | 1.30 | 40135 | 405 | 452 |
| 1998 | 14.24 | 9.70 | 1.47 | 41918 | 411 | 460 |
| 1999 | 13.96 | 9.05 | 1.54 | 43157 | 411 | 468 |
| 2000 | 13.82 | 12.91 | 1.07 | 45245 | 410 | 477 |
| 2001 | 16.81 | 12.61 | 1.33 | 45916 | 407 | 478 |
| 2002 | 16.03 | 11.17 | 1.43 | 47607 | 410 | 479 |
| 2003 | 15.68 | 13.33 | 1.18 | 49370 | 411 | 484 |
| 2004 | 17.18 | 14.12 | 1.22 | 51582 | 412 | 488 |
| 2005 | 18.56 | 18.01 | 1.03 | 52314 | 411 | 491 |
| 2006 | 21.29 | 21.17 | 1.01 | 53517 | 411 | 493 |
| 2007 | 19.70 | 22.08 | 0.89 | 52092 | 412 | 492 |
| 2008 | 19.25 | 27.64 | 0.70 | 50448 | 414 | 481 |
| 2009 | 19.45 | 19.50 | 1.00 | 50212 | 414 | 459 |
| 2010 | 20.06 | 25.04 | 0.80 | 51466 | 415 | 458 |
| 2011 | 17.92 | 31.03 | 0.58 | 51270 | 417 | 461 |
| 2012 | 16.28 | 33.04 | 0.49 | 51641 | 421 | 465 |
| 2013 | 16.62 | 32.45 | 0.51 | 52085 | 425 | 471 |
| 2014 | 16.57 | 31.26 | 0.53 | 52133 | 428 | 479 |
| 2015 | 15.61 | 21.83 | 0.72 | 53095 | 428 | 485 |
| 2016 | 14.74 | 17.32 | 0.85 | 53091 | 427 | 490 |
| 2017 | 14.69 | 19.96 | 0.74 | 52989 | 426 | 493 |
| 2018 | 16.23 | 22.12 | 0.73 | 53622 | 426 | 496 |
| 2019 | 15.42 | 21.07 | 0.73 | 54464 | 429 | 501 |
| 2020 | 13.64 | 17.38 | 0.78 | 53470 | 431 | 495 |
| 2021 | 12.82 | 17.73 | 0.72 | 54933 | 432 | 496 |
| 2022 | 13.19 | 18.32 | 0.72 | 57588 | 434 | 506 |
| 2023 | 13.26 | 18.73 | 0.71 | 59640 | 436 | 513 |
| 2024 | 13.68 | 19.34 | 0.71 | 61109 | 438 | 515 |
| 2025 | 14.13 | 19.75 | 0.72 | 62449 | 440 | 517 |
| 2026 | 14.19 | 20.08 | 0.71 | 63820 | 442 | 519 |
| 2027 | 14.30 | 20.14 | 0.71 | 65280 | 443 | 520 |
| 2028 | 14.35 | 20.43 | 0.70 | 66809 | 445 | 522 |
| 2029 | 14.27 | 20.62 | 0.69 | 68320 | 446 | 524 |
| 2030 | 14.19 | 20.73 | 0.68 | 69851 | 447 | 527 |
| PY26/PY21 | 2.04% | 2.52% | -0.46% | 3.04% | 0.47% | 0.88% |

Chart III-B-3
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