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March 9, 2023

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

Re: Docket No. 22-47-WW- The Narragansett Bay Commission General Rate Filing

Dear Ms. Massaro:

Enclosed please find an original and nine copies of the following:

1. The Narragansett Bay Commission's Response to the Rhode Island Division of Public Utilities and Carrier's Data Requests (Set Four).

Please note that an electronic copy of this document has been provided to the service list. Thank you for your attention to this matter.

Sincerely,

Jough all ph

Joseph A. Keough, Jr.

JAK/kf

cc: Docket 22-47-WW Service List (via electronic mail)

RAYNHAM OFFICE: 90 NEW STATE HIGHWAY RAYNHAM, MA 02109 TEL. (508) 822-2813 FAX (508) 822-2832

- **DIV 4-1**. Please provide Excel files for each of the following items:
 - a. DIV 2-1
 - b. DIV 2-2
 - c. DIV 2-3
 - d. DIV 2-5
 - e. DIV 2-6
 - f. DIV 2-7 all tables
 - g. DIV 2-8
 - h. DIV 2-11
 - i. PUC 1-1

Response: See attachment DIV 4-1.

Prepared by: David M. Fox

- **DIV 4-2.** When NBC provides responses to Division DR Set 3 that include tables and/or attachments that were prepared in Excel, please provide the related Excel files either in conjunction with NBC's Division DR Set 3 responses or in response to this request.
- **Response:** NBC has provided all available excel files in response to Division DR Set 3.
- Prepared by: David M. Fox

DIV 4-3. Refer to the response to DIV 2-8e.

- a. Explain the cyber breach that affected July and August 2022 billings for late fee charges.
- b. Has NBC forgone the revenue from late fee charges that would have been billed in July and August 2022 but apparently wasn't billed by NBC due to the cyber breach? If not, explain how NBC is billing for late fee charges for July and August 2022.
- c. Did the cyber breach listed in the response to DIV 2-8e affect any other NBC billings for any charges? If not, explain fully why not. If so, identify each charge besides late fee charges that was not billed for those months.

*Response:

- a. NBC identified a data security incident on July 3, 2022, that involved the encryption of data on certain computers and systems in its network. The incident also inhibited access to the NBC's customer service and on-line bill payment systems, rendering the NBC unable to process payments. In response, the NBC immediately initiated its incident response plan, contacted law enforcement, and launched an investigation. The NBC resolved the situation, after which the NBC was able to bring its systems back on-line in a matter of hours
- b. Yes.
- c. The only billings affected by the incident were late fee charges.

Prepared by: James McCaughey and Leah Foster

* Please note that NBC's response that referred to the cyber breach was DIV 2-9, not DIV 2-8.

- **DIV 4-4.** Refer to the response to DIV 2-12c. Referring to the column "Test Year Filled FTE" which lists FTEs for each month July 2022 through June 2022:
 - a. Refer to the column entitled "Fiscal Year." Are the months accurately labeled in that column? If not, please provide accurate replacements.
 - b. Is the information listed in the above response for the months of January through June for January 2023 through June 2023? If not, explain why January 2022 follows December 2022.
 - c. Is the information listed in the above response for the months of July through December for January 2021 through December 2021?
 - d. How did NBC derive the "Average FTE" figure of 262 from the information shown in the "Test Year Filled FTE" column?

Response:

a. The "22" next to each month referred to the Fiscal Year. Below is an updated table with a column showing the calendar year for each month for clarification.

| | | | FY 2022 | | | | | |
|--------|------------|------------|-----------|------------|-----|-------------|---|--------|
| | | | Test Year | | | | | |
| Fiscal | Calendar | Budget | Filled | Unfilled | | | | |
| Year | Date | FTE | FTE | FTE | | Termination | | |
| Jul-22 | Jul-21 | 297 | 264 | 33 | | 5 | | |
| Aug-22 | Aug-21 | 297 | 265 | 32 | | 1 | | |
| Sep-22 | Sep-21 | 297 | 264 | 33 | | 3 | | |
| Oct-22 | Oct-21 | 297 | 263 | 34 | | 5 | | |
| Nov-22 | Nov-21 | 297 | 263 | 34 | | 2 | | |
| Dec-22 | Dec-21 | 297 | 267 | 30 | | 2 | | |
| Jan-22 | Jan-22 | 297 | 265 | 32 | | 5 | | |
| Feb-22 | Feb-22 | 297 | 263 | 34 | | 4 | | |
| Mar-22 | Mar-22 | 297 | 263 | 34 | | 4 | | |
| Apr-22 | Apr-22 | 297 | 266 | 31 | | 3 | | |
| May-22 | May-22 | 297 | 264 | 33 | | 5 | | |
| Jun-22 | Jun-22 | 297 | 262 | 35 | | 3 | | |
| | Revised Av | verage FTE | 264 | | | 42 | | |
| | | | | | | | | |
| | | | | Terminatio | ons | 42 | = | 15.90% |
| | | | | Average F | TE | 264 | | |

- b. Please see the response to subsection a. above.
- c. See answers a. and b. above.
- d. The average FTE for the test year should be 264 and not 262. The corrected average FTE is set forth in the chart above, which also changes the turnover calculation slightly.

Prepared by: Leah Foster

- **DIV 4-5.** Refer to NBC's response to PUC 1-2. Refer to the Spending Forecast FY 2024. Please provide the detailed project information maintained by NBC for each of the following projects:
 - a. #20700 \$5,240,900, Long-Range Biosolids Disposal
 - b. #20801 \$1,959,500, Data Communications Ethernet Upgrade
 - c. #81800 \$1,819,900, BPWWTF Sludge Digestion Facility Improvements
 - d. #91000 \$1,635,000, Office and Building
 - e. #40550 \$1,103,400, NYDES Flow Monitoring System Implementation

Response:

- a. 20700 Long-Range Biosolids Disposal This project involves the evaluation, planning and development of a reliable long-term solution for the disposal of biosolids at the NBC's Field's Point and Bucklin Point WWTFs. This involves exploring the requirements and relative benefits of various alternatives and management practices. The study will evaluate the relative benefits of continuing with similar disposal practices on a long-term basis, as well as more capital-intensive options such as constructing new biosolids processing facilities.
- b. 20801 Data Communications Ethernet Upgrade The Field's Point WWTF uses multiple treatment technologies and complex process systems which are monitored and controlled by a computerized control system. There are reliability and performance challenges with the current control system's data communication network due to mixed model communication units and system components. This project involves implementation of an Ethernet based hybrid data control system upgrade. The project will integrate new hardware, software and other ancillary support services to upgrade the existing control system through use of Ethernet distributed control systems loop improvements.
- c. 81800 BPWWTF Sludge Digestion Facility Improvements This project involves miscellaneous improvements and upgrades to the treatment plant's digester complex to address aging infrastructure concerns. These improvements include the inspection and evaluation of primary and secondary digesters, piping systems and other process-related appurtenances, concrete and piping system repairs to address known problematic leakage concerns, and other related facility infrastructure improvement needs.
- d. 91000 Office and Building This project includes office renovations and reconfigurations to accommodate organizational changes and enhance productivity. This project also

includes the replacement of two roof-top air conditioning units and the roof of the Field's Point Primary Sludge Pumping Station.

e. 40550 – RIPDES Flow Monitoring System Implementation - This project involves the replacement of existing flow monitoring equipment. In addition, the project will address capacity restriction points located throughout NBC's collection system through the purchase and installation of equipment to accurately monitor flow conditions and measurements in accordance with the RIPDES permit.

Prepared by: Michael Cook

DIV 4-6. Refer to NBC's response to PUC 1-2. Refer to the Restricted OCP, FY 2024 Budget (Proposed). Please provide the detailed project information maintained by NBC for each of the following projects:

| Budge Accour | | Asset Title | Approved Budget |
|-----------------|--------------|------------------------------------|--------------------|
| 16550 | OC24-033-004 | Conference Room Upgrades | 25,000 |
| 16550 | OC24-033-005 | Computer Room Enhancements | 25,000 |
| 16515 | OC24-022-001 | Vehicle 357 | 55,000 |
| 16515 | OC24-022-002 | Vehicle 343 | 45,000 |
| 16515 | OC24-025-001 | Wind Turbine Foundation | 250,000 |
| 16595 | OC24-025-002 | GPS Rover | 45,000 |
| 16595 | OC24-025-003 | Survey Equipment | 25,000 |
| 16550 | OC24-031-001 | Financial Reporting Enhancements | 75,000 |
| 16555 | OC24-032-001 | ERP Replacement | 500,000 |
| 16555 | OC24-034-001 | CIS Enhancements | 250,000 |
| 16515 | OC24-034-002 | Vehicle 335 | 38,000 |
| 16515 | OC24-043-001 | Vehicle 455 | 165,000 |
| 16515 | OC24-043-002 | Vehicle 338 w/Snow Plow and Sander | 125,000 |
| 16525 | OC24-046-007 | Hypochlorite Tank Relining | 110,000 |
| 16525 | OC24-046-008 | VFD Cells | 100,000 |
| 16525 | OC24-046-009 | Blower Motor | 80,000 |
| 16520 | OC24-046-010 | Godwin Pump | 75,000 |
| 16515 | OC24-046-011 | Vehicle 389 | 65,000 |
| 16515 | OC24-046-012 | Vehicle 360 | 65,000 |
| 16525 | OC24-046-013 | Hydraulic Actuator | 50,000 |
| 16515 | OC24-046-014 | Vehicle 406 | 45,000 |
| 16515 | OC24-046-015 | Vehicle 446 | 45,000 |
| 16525 | OC24-046-016 | Sludge Pump w/Motor | 40,000 |
| 16525 | OC24-046-017 | Relays | 40,000 |
| 16525 | OC24-047-001 | George Panel | 400,000 |
| 16525 | OC24-047-009 | Muffin Monster Cutter Assembly | 40,000 |
| 16525 | OC24-047-010 | Roots blower motor rebuild | 35,000 |
| 16525 | OC24-047-020 | Equipment 0065 | 20,000 |
| 16515 | OC24-047-021 | 30 Yard Container | 18,000 |
| 16525 | OC24-047-022 | UPS Battery Backup | 15,000 |
| 16575 | OC24-053-005 | Laboratory Refrigerators | 27,000 |
| 16515 | OC24-055-003 | Vehicle 349 | 45,000 |
| | | | |

Response: Please see attachment 4-6.

Prepared by: Michael Cook

| Asset Allocation No. | OC24-033-004 | | | | |
|---------------------------|--|--------------|----------------|--------------------|---------|
| Asset Title: | Conference Room Upgrades | Cost Center: | Information | n Technology | |
| Asset Location: | Corporate Office Building | Amount: | \$ 25,000 | Priority Ranking: | С |
| Need identified: | Asset Management | Inspection | | ✓ Other | |
| Asset Description: | Update technology to ensure user friendly. | | | | |
| Budget Account: | 16550 Computer Equipment | | | | |
| Туре: | NEW | | Useful life: | 3 Years | |
| Original date in service: | N/A | | Original estin | nated useful life: | 5 Years |

| Asset Allocation No. | OC24-033-005 | | | | |
|---------------------------|--|-------------------------|-----------------|--------------------|---------|
| Asset Title: | Computer Room Enhancements | Cost Center: | Informatio | n Technology | |
| Asset Location: | Corporate Office Building | Amount: | \$ 25,000 | Priority Ranking: | С |
| Need identified: | Asset Management | Inspection | | ✓ Other | |
| Asset Description: | New hardware for computer room to ensu | re reliability and effi | cienc y. | | |
| Budget Account: | 16550 Computer Equipment | | | | |
| Туре: | NEW | ı | Jseful life: | 3 Years | |
| Original date in service: | N/A | (| Original estin | nated useful life: | 3 Years |

| Asset Allocation No. | OC24-022-001 | | | | | |
|---------------------------|--|--------------|----------------|--------------------|----------|--|
| Asset Title: | Vehicle 357 | Cost Center: | Constructio | on Services | | |
| Asset Location: | Field's Point | Amount: | \$ 55,000 | Priority Ranking: | В | |
| Need identified: | Asset Management | Inspection | | Other | | |
| Asset Description: | Transport personnel to construction sites. | | | | | |
| Budget Account: | 16515 Automotive Equipment Replacement | | | | | |
| Туре: | REPLACEMENT | I | Useful life: | 5 Years | | |
| Original date in service: | 2012 | | Driginal estim | nated useful life: | 10 Years | |

| Asset Allocation No. | OC24-022-002 | | | | |
|---------------------------|--|--------------|----------------|--------------------|----------|
| Asset Title: | Vehicle 343 | Cost Center: | Constructio | on Services | |
| Asset Location: | Field's Point | Amount: | \$ 45,000 | Priority Ranking: | В |
| Need identified: | Asset Management | Inspection | | C Other | |
| Asset Description: | Replacement of V 343. | | | | |
| Budget Account: | 16515 Automotive Equipment Replacement | | | | |
| Туре: | REPLACEMENT | 1 | Useful life: | 10 Years | |
| Original date in service: | 2015 | | Original estin | nated useful life: | 10 Years |
| | | | | | |

| Asset Allocation No. | OC24-025-001 | | | | | |
|---------------------------|--|-----------------------|----------------|--------------------|----------|-------------|
| Asset Title: | Wind Turbine Foundation | Cost Center: | Engineerin | g | | |
| Asset Location: | Coventry | Amount: | ***** | Priority Ranking: | А | |
| Need identified: | Asset Management | Inspection | | Other | | |
| Asset Description: | Rehabilitation of wind turbine foundations | due to design defect. | | | | |
| Budget Account: | 16615 Building & Other Structures Replace | ment | | | | |
| Type: | BETTERMENT | | Useful life: | 10 Years | | Mal 1 and 1 |
| Original date in service: | N/A | (| Original estir | mated useful life: | 20 Years | |

| Asset Allocation No. | OC24-025-002 | | | | |
|---------------------------|--------------------------------------|-----------------------------|----------------|-------------------|---------|
| Asset Title: | GPS Rover | Cost Center: | Engineering | | |
| Asset Location: | Corporate Office Building | Amount: | \$ 45,000 | Priority Ranking: | В |
| Need identified: | Asset Management | Inspection | | Other | |
| Asset Description: | Locate, measure and incorporate NBC | assets into various platfor | ms. | | |
| Budget Account: | 16595 Other Equipment Replacment | | | | |
| Туре: | REPLACEMENT | ι | Jseful life: | 7 Years | |
| Original date in service: | 2011 | c | Driginal estim | ated useful life: | 5 Years |

| Asset Allocation No. | OC24-025-003 | | | | | |
|---------------------------|--|--------------------------------|----------------|-----------------------|------------|-----|
| Asset Title: | Survey Equipment | Cost Center: | Engineering | , | | |
| Asset Location: | Corporate Office Building | Amount: | \$ 25,000 | Priority Ranking: | В | |
| Need identified: | Asset Management | Inspection | | Other | | |
| Asset Description: | To locate, measure, and incorporate l critical information for NBC projects a | | platforms suc | h as GIS, AutoCAD, ar | id provide | |
| Budget Account: | 16595 Other Equipment Replacement | t | | | | |
| Туре: | REPLACEMENT | | Useful life: | 7 Years | | Aak |
| Original date in service: | 2017 | | Original estim | ated useful life: | 5 Years | |

| Asset Allocation No. Asset Title: Asset Location: | OC24-031-001 Financial Budgeting Software Corporate Office Building 2nd Floor | Cost Center: Amount: | Finance \$ 75,000 | Priority Ranking: | с | |
|---|---|-------------------------|----------------------|--------------------|---------|--|
| Need identified: Asset Description: | Asset Management | Inspection | | ⊡ Other | | |
| Budget Account: Type: | 16550 Computer Equipment | 1 | Useful life: | 3 Years | | |
| Original date in service: | N/A | | Original estir | nated useful life: | 5 Years | |

| Asset Allocation No. | OC24-032-001 | | | | |
|---------------------------|---|--------------|----------------|--------------------|---------|
| Asset Title: | ERP Replacement | Cost Center: | Accounting | | |
| Asset Location: | Corporate Office Building | Amount: | \$500,000 | Priority Ranking: | В |
| Need identified: | Asset Management | Inspection | | Other | |
| Asset Description: | Replace hosted ERP with Cloud based ERP | | | | |
| Budget Account: | 16555 Computer Equipment Replacement | | | | |
| Туре: | REPLACEMENT | | Useful life: | 5 Years | |
| Original date in service: | 2002 | | Original estin | nated useful life: | 5 Years |

| Asset Allocation No. | OC24-034-001 | | | | |
|---------------------------|--------------------------------------|-------------------------|---------------------------|---------------|---------|
| Asset Title: | CS System Cloud Migration | Cost Center: | Customer Service | | |
| Asset Location: | Corporate Office Building | Amount: | \$250,000 Priority Ra | anking: A | |
| Need identified: | Asset Management | Inspection | ✓ Other | | |
| Asset Description: | CIS Enhancements to upgrade Custome | er Care to V5/Beta; Clo | ud and Customer Portal to | o the Cloud | DYANCED |
| Budget Account: | 16555 Computer Equipment Replacement | ent | | | |
| Туре: | REPLACEMENT | ι | Jseful life: 5 Year | rs | |
| Original date in service: | 2019 | C | Driginal estimated useful | life: 5 Years | |

| Asset Allocation No. | OC24-034-002 | | | | | |
|---------------------------|--|--------------------------------|----------------|--------------------|---------|------|
| Asset Title: | Vehicle 335 | Cost Center: | Customer S | ervice | | |
| Asset Location: | Customer site visits | Amount: | \$ 38,000 | Priority Ranking: | Α | |
| Need identified: | Asset Management | Inspection | | Other | | |
| Asset Description: | Customer site visits. | | | | | LASE |
| Budget Account: | 16515 Automotive Equipment Replacement | | | | | |
| Туре: | REPLACEMENT | | Useful life: | 5 Years | | |
| Original date in service: | 2016 | | Original estin | nated useful life: | 9 Years | |

| Asset Allocation No. | OC24-043-001 | | | | |
|---------------------------|---|--|----------------|--------------------|----------|
| Asset Title: | Vehicle 455 5yd Dump Truck | Cost Center: | Intercepto | r Maintenance | |
| Asset Location: | Interceptor Maintenance Dept. Fleet | Amount: | \$165,000 | Priority Ranking: | Α |
| Need identified: | Asset Management | Inspection | | Other | |
| Asset Description: | Daily field work, construction projects, snow | plowing/sanding. | | | |
| Budget Account: | 16515 Automotive Equipment Replacement | | | | |
| Туре: | REPLACEMENT | L. L | Useful life: | 5 Years | |
| Original date in service: | 2009 | | Original estir | nated useful life: | 10 Years |

| Asset Allocation No. | OC24-043-002 | | | | |
|---------------------------|---|-----------------|----------------|--------------------|---------|
| Asset Title: | Vehicle 338 w/Snow Plow and Sander | Cost Center: | Interceptor | r Maintenance | |
| Asset Location: | Interceptor Maintenance Dept. Fleet | Amount: | \$125,000 | Priority Ranking: | А |
| Need identified: | Asset Management | Inspection | | Other | |
| Asset Description: | Daily field work, construction projects, snow p | lowing/sanding. | | | |
| Budget Account: | 16515 Automotive Equipment Replacement | | | | |
| Туре: | REPLACEMENT | | Useful life: | 5 Years | |
| Original date in service: | 2015 | | Original estin | nated useful life: | 8 Years |

| Asset Allocation No. | OC24-046-007 | | | | |
|---------------------------|--------------------------------------|--------------------------------|----------------|--------------------|----------|
| Asset Title: | Hypochlorite Tank Relining | Cost Center: | Field's Poin | t | |
| Asset Location: | Field's Point Hypo Farm | Amount: | \$110,000 | Priority Ranking: | А |
| Need identified: | Asset Management | Inspection | | Other | |
| Asset Description: | Hypochlorite Tanks used to store che | micals. | | | |
| Budget Account: | 16525 Building and Plant Equipment | Replacement | | | |
| Туре: | BETTERMENT | l l | Useful life: | 5 Years | |
| Original date in service: | 1998 | | Original estin | nated useful life: | 15 Years |

| Asset Allocation No. | OC24-046-008 | | | | | |
|---------------------------|--|--------------------------------|----------------|--------------------|---------|-----|
| Asset Title: | Variable Frequency Drive Cells | Cost Center: | Field's Poin | t | | |
| Asset Location: | Ernest Stree Pump Station | Amount: | \$100,000 | Priority Ranking: | А | |
| Need identified: | Asset Management | Inspection | | Other | | |
| Asset Description: | These parts are going to be installed in | MV SIEMENS VFDs at | ESPS. | | | VII |
| Budget Account: | 16525 Building and Plant Equipment Re | placement | | | | |
| Туре: | REPLACEMENT | | Useful life: | 7 Years | | |
| Original date in service: | 2010 | | Original estin | nated useful life: | 5 Years | |

| Asset Allocation No. | OC24-046-009 | | | | |
|---------------------------|-------------------------------------|--------------|----------------|--------------------|---------|
| Asset Title: | Blower Motor | Cost Center: | Field's Poin | t | |
| Asset Location: | Blower Building #2 | Amount: | \$ 80,000 | Priority Ranking: | В |
| Need identified: | Asset Management | Inspection | | Other | |
| Asset Description: | For Field's Point Blower Building 2 | | | | |
| Budget Account: | 16525 Building and Plant Equipment | Replacement | | | |
| Туре: | REPLACEMENT | | Jseful life: | 7 Years | |
| Original date in service: | N/A | | Original estim | nated useful life: | 7 Years |

| Asset Allocation No. | OC24-046-010 | | | | | |
|---------------------------------|---|-------------------------|---------------------------|---------------------------|----------|--|
| Asset Title: Asset Location: | Godwin Pump Fields Point Wastewater Treatment Facility | Cost Center: Amount: | Field's Point \$75,000 | Priority Ranking: | в | |
| Need identified: | Asset Management | Inspection | | Other | | |
| Asset Description: | Dewater clarifier tanks and channels when t | raditional pumping | ; in unavailabl | e. | | |
| Budget Account: | 16520 Building and Plant Equipment | | | | | |
| Type: | NEW | ι | Jseful life: | 7 Years | | |
| Original date in service: | N/A | (| Original estim | ated useful life: | 20 Years | |

| Asset Allocation No. | OC24-046-011 | | | | |
|---------------------------|--|--------------|----------------|--------------------|----------|
| Asset Title: | Vehicle 389 | Cost Center: | Field's Poin | t | |
| Asset Location: | Field's Point | Amount: | \$ 65,000 | Priority Ranking: | А |
| Need identified: | Asset Management | Inspection | | Other | |
| Asset Description: | Instrumentation Van. | | | | |
| Budget Account: | 16515 Automotive Equipment Replacement | | | | |
| Type: | REPLACEMENT | I | Useful life: | 5 Years | |
| Original date in service: | 2008 | | Original estin | nated useful life: | 10 Years |

| Asset Allocation No. | OC24-046-012 | | | | | |
|---------------------------|--|--------------|----------------|--------------------|----------|-----|
| Asset Title: | Vehicle 360 | Cost Center: | Field's Poin | t | | |
| Asset Location: | Field's Point | Amount: | \$ 65,000 | Priority Ranking: | А | |
| Need identified: | Asset Management | Inspection | | Other | | |
| Asset Description: | Preventative Maintenance Van. | | | | | 300 |
| Budget Account: | 16515 Automotive Equipment Replacement | | | | | |
| Туре: | REPLACEMENT | | Useful life: | 5 Years | | |
| Original date in service: | 2012 | | Original estin | nated useful life: | 10 Years | |

| Asset Allocation No. | OC24-046-013 | | | | |
|---------------------------|--|--------------|----------------|--------------------|----------|
| Asset Title: | Hydraulic Actuator | Cost Center: | Field's Poin | t | |
| Asset Location: | G-5 Gate and Screening Structure | Amount: | \$ 50,000 | Priority Ranking: | Α |
| Need identified: | Asset Management | Inspection | | C Other | |
| Asset Description: | Remove old electro-mechanical actuat flooding and electrical failures. Hydrau | | | | ne to |
| Budget Account: | 16525 Building and Plant Equipment R | eplacement | | | |
| Туре: | REPLACEMENT | ı | Jseful life: | 7 Years | |
| Original date in service: | 2007 | (| Driginal estim | nated useful life: | 25 Years |

| Asset Allocation No. | OC24-046-014 | | | | | |
|--|-----------------------------------|-------------------------------|---------------------------|-------------------|----------|---|
| Asset Title: Asset Location: | Vehicle 406 Field's Point | Cost Center: Amount: | Field's Point \$45,000 | Priority Ranking: | А | |
| Need identified: Asset Description: | Asset Management | Inspection rations personnel. | | Other | | |
| Budget Account: Type: | 16515 Automotive Equipment Replac | | Useful life: | 5 Years | | Ø |
| Original date in service: | 2008 | | Original estima | ated useful life: | 10 Years | |

| Asset Allocation No. | OC24-046-015 | | | | | |
|---------------------------|--------------------------------------|--------------------------------|----------------|--------------------|----------|-----|
| Asset Title: | Vehicle 446 | Cost Center: | Field's Poin | t | | |
| Asset Location: | Field's Point | Amount: | \$ 45,000 | Priority Ranking: | А | |
| Need identified: | Asset Management | Inspection | | Cther | | |
| Asset Description: | Used by Operations personnel. | | | | | |
| Budget Account: | 16515 Automotive Equipment Replaceme | nt | | | | 100 |
| Туре: | REPLACEMENT | 1 | Useful life: | 5 Years | | |
| Original date in service: | 2008 | | Original estin | nated useful life: | 10 Years | |

| Asset Allocation No. | OC24-046-016 | | | | | |
|---------------------------|---------------------------------------|--------------|----------------|-------------------|----------|--|
| Asset Title: | Sludge Pump w/Motor | Cost Center: | Field's Point | t | | |
| Asset Location: | Primary Sludge Pump St. | Amount: | \$ 40,000 | Priority Ranking: | В | |
| Need identified: | Asset Management | Inspection | | Other | | |
| Asset Description: | Pumps sludge into tanks. | | | | | |
| Budget Account: | 16525 Building and Plant Equipment Re | eplacement | | | | |
| Туре: | REPLACEMENT | 1 | Useful life: | 7 Years | | |
| Original date in service: | 2006 | | Original estim | ated useful life: | 15 Years | |

| Asset Allocation No. | OC24-046-017 | | | | |
|---------------------------|--|--------------------------------|----------------|--------------------|----------|
| Asset Title: | Relays for Main Switchgear | Cost Center: | Field's Point | t | |
| Asset Location: | Wind Turbine Feeder-Field's Point | Amount: | \$ 40,000 | Priority Ranking: | А |
| Need identified: | Asset Management | Inspection | | C Other | |
| Asset Description: | Replace obsolete relays to ensure reliab | bility. | | | |
| Budget Account: | 16525 Building and Plant Equipment Re | placement | | | |
| Туре: | REPLACEMENT | , | Useful life: | 7 Years | |
| Original date in service: | 2009 | | Original estim | nated useful life: | 10 Years |
| Original date in service: | 2009 | | Original estim | ated useful life: | 10 Years |

| Asset Allocation No. | OC24-047-001 | | | | |
|---------------------------|------------------------------------|--------------------------------|----------------|--------------------|----------|
| Asset Title: | Master Control George Panel | Cost Center: | Bucklin Poi | int | |
| Asset Location: | Blower Building | Amount: | \$400,000 | Priority Ranking: | Α |
| Need identified: | Asset Management | Inspection | | Other | |
| Asset Description: | Controls panels for blowers. | | | | |
| Budget Account: | 16525 Building and Plant Equipment | Replacement | | | |
| Туре: | REPLACEMENT | 1 | Useful life: | 7 Years | |
| Original date in service: | 2014 | | Original estin | nated useful life: | 10 Years |
| | | | | | |

| Asset Allocation No. | OC24-047-009 | | | | |
|---------------------------|--|--------------------------------|----------------|--------------------|----------|
| Asset Title: | Muffin Monster Cutter Assembly | Cost Center: | Bucklin Po | int | |
| Asset Location: | Screenings & Grit/Bar Rack | Amount: | \$ 40,000 | Priority Ranking: | В |
| Need identified: | Asset Management | Inspection | | Other | |
| Asset Description: | Grinds large objects. | | | | |
| Budget Account: | 16525 Building and Plant Equipment Rep | lacement | | | |
| Туре: | REPLACEMENT | | Useful life: | 7 Years | |
| Original date in service: | 2017 | | Original estir | nated useful life: | 10 Years |
| | | | | | |

| Asset Allocation No. | OC24-047-010 | | | | | |
|---------------------------|--|--------------------------------|----------------|--------------------|----------|-------|
| Asset Title: | ROOTS BLOWER MOTOR REBUILD | Cost Center: | Bucklin Poir | nt | | |
| Asset Location: | BLOWER BLDG. | Amount: | \$ 35,000 | Priority Ranking: | А | |
| Need identified: | Asset Management | Inspection | | Other | | - Ban |
| Asset Description: | Provides aeration to promote aerobic dig | estion. | | | | |
| Budget Account: | 16525 Building and Plant Equipment Repl | acement | | | | |
| Type: | BETTERMENT | | Useful life: | 20 Years | | |
| Original date in service: | 2004 | | Original estim | nated useful life: | 20 Years | |
| | | | | | | |

| Asset Allocation No. | OC24-047-020 | | | | |
|---------------------------|---------------------------------------|--------------|----------------|--------------------|----------|
| Asset Title: | Gravely Zero Turn Mower | Cost Center: | Bucklin Poi | nt | |
| Asset Location: | Grounds Maintenance | Amount: | \$ 20,000 | Priority Ranking: | В |
| Need identified: | Asset Management | Inspection | | ✓ Other | |
| Asset Description: | Mower to cut grass at facility. | | | | |
| Budget Account: | 16525 Building and Plant Equipment Re | placement | | | |
| Туре: | REPLACEMENT | | Useful life: | 10 Years | |
| Original date in service: | 2013 | | Original estin | nated useful life: | 10 Years |

| Asset Allocation No. | OC24-047-021 | | | | | |
|---------------------------|---|--------------------|----------------|--------------------|----------|---|
| Asset Title: | 30 Yard Container | Cost Center: | Bucklin Poi | nt | | |
| Asset Location: | | Amount: | \$ 18,000 | Priority Ranking: | В | |
| Need identified: | Asset Management | Inspection | | ✓ Other | | W XXY 247 4 |
| Asset Description: | Used for scrap metal, wood, etc. Fits o | n V353 Dump Truck. | | | | 0 67 10 Million 1007 1007 1007 |
| Budget Account: | 16515 Automotive Equipment Replace | ment | | | | |
| Туре: | REPLACEMENT | | Useful life: | 10 Years | | |
| Original date in service: | 2005 | | Original estin | nated useful life: | 10 Years | |

| Asset Allocation No. | OC24-047-022 | | | | |
|---------------------------|--|--------------------------------|----------------|-------------------|----------|
| Asset Title: | UPS Battery Backup | Cost Center: | Bucklin Poir | nt | |
| Asset Location: | Digester Control Building Electricity Room | Amount: | \$ 15,000 | Priority Ranking: | А |
| Need identified: | Asset Management | Inspection | | Other | |
| Asset Description: | Backup power for Digester Control Building | g - Electrical Room. | | | |
| Budget Account: | 16525 Building and Plant Equipment Repla | cement | | | |
| Туре: | REPLACEMENT | ι | Jseful life: | 7 Years | |
| Original date in service: | 2014 | C | Driginal estim | ated useful life: | 10 Years |

| Asset Allocation No. | OC24-053-005 | | | | |
|---------------------------------|---|-------------------------|-------------------------|--------------------|---------|
| Asset Title: Asset Location: | Laboratory Refrigerators WQSB first floor sample refrigerator area | Cost Center: Amount: | Laboratory \$ 27,000 | Priority Ranking: | в |
| Need identified: | Asset Management | Inspection | | Other | |
| Asset Description: | Stores permit samples according to regula | tions. | | | |
| Budget Account: | 16575 Lab & Sampling Equipment Replace | ment | | | |
| Туре: | REPLACEMENT | | Useful life: | 5 Years | |
| Original date in service: | 2015 | | Original estin | nated useful life: | 5 Years |

| Asset Allocation No. | OC24-055-003 | | | | |
|---------------------------|--------------------------------------|------------------------------|----------------|--------------------|----------|
| Asset Title: | Vehicle 349 | Cost Center: | Environme | ntal Monitoring | |
| Asset Location: | | Amount: | \$ 45,000 | Priority Ranking: | Α |
| Need identified: | Asset Management | Inspection | | C Other | |
| Asset Description: | Used to collected samples at NBC's | s plans and throughout its o | collection sys | tem. | |
| Budget Account: | 16515 Automotive Equipment Rep | placement | | | |
| Туре: | REPLACEMENT | 1 | Useful life: | 5 Years | |
| Original date in service: | 2014 | (| Original estin | nated useful life: | 10 Years |

- **DIV 4-7.** As of December 31, 2022, what vehicles did NBC have? Please provide an itemized list showing the following information:
 - a. Vehicle number, make and model
 - b. Date purchased
 - c. Cost
 - d. A description of how the vehicle is used
 - e. Age and condition of vehicle
 - f. Total cost
 - g. Amount of depreciation recorded through December 31, 2022 for each vehicle
 - h. Plans for replacing the vehicle

Response: See Attachment 4-7, which is from NBC's Asset Management Administrator, and is the latest biannual report dated June 30, 2021.

Prepared by: Leah Foster

| HANSEN # V=VEHICLE E=EQUIP. | | DIV | RI PLATE | YR | MAKE | MODEL | BODY | CYL | GVW | VIN | REG. EXP. | TITI F | COST | LIFE EXP. YEARS | 1 1 | | | CURRENT VALUE | Asset Number Oracle | Net Book Value |
|-----------------------------------|------------|----------------|-----------|-----------|---------------|--------------------|-------------|--------------|-------|--|------------|--------|------------------------|--------------------|--------|----------|--------------|----------------------|---------------------------|-------------------|
| | | MINISTRAT | | | | | | 0.1 | | | | | | , | | | 221120211011 | | 0.000 | |
| V285 | 285 | EXEC | 1CN456 | 2021 | ΤΟΥΟΤΑ | RAV 4 | SUV | 4/HYBRID | 4920 | 4T3RWRFV5MU012692 | | | 36,299.00 | 10 | 0 | \$3,630 | \$0 | \$36,299 | 165562 | |
| V321 | 321 | EXEC | | 2017 | FORD | TRANSIT CONNECT | VAN | 4/GAS | 5280 | NM0GE9E78H1334130 | Indefinite | Y | 24,110.00 | 10 | 4 | \$2,411 | \$9,644 | \$14,466 | 116521 | |
| | | | | | | | | | | | | | | | | | | | | |
| | 22 COI | NSTRUCTIC | ON SERVIC | CES | | | | | | | | | | | | | | | | |
| V292 | 292 | CON | 8256 | 2020 | CHEVROLET | EQUINOX SUV | SUV | 4/GAS | 4630 | 2GNAXSEV9L6190299 | | | 25,200.72 | 10 | 1 | \$2,520 | \$2,520 | \$22,681 | 155566 | |
| V296 | 296 | CON-BP | 7463 | 2019 | CHEVROLET | EQUINOX SUV | SUV | 4/GAS | 4630 | 3GNAXSEV5KS589145 | Indefinite | Y | 22,392.00 | 10 | 2 | \$2,239 | \$4,478 | \$17,914 | 139578 | |
| V311 | | CON-BP | | 2018 | CHEVROLET | EQUINOX SUV | SUV | 4/GAS | 4630 | 2GNAXREVXJ6279286 | Indefinite | Y | 22,892.00 | 10 | 3 | \$2,289 | \$6,868 | \$16,024 | 127568 | |
| V337 | 337 | CON-BP | | 2016 | CHEVROLET | EQUINOX SUV | SUV | 6/GAS | 5300 | 2GNFLFE33G6233922 | Indefinite | Y | 26,366.00 | 10 | 5 | \$2,637 | \$13,183 | \$13,183 | 95611 | |
| V343 | 343 | CON | | 2015 | CHEVROLET | EQUINOX SUV | SUV | 6/GAS | 5300 | 2GNFLFE34F6301983 | Indefinite | Y | 27,865.00 | 10 | 6 | \$2,787 | \$16,719 | \$11,146 | 80511 | |
| V357 | 357 | CON | 7636 | 2012 | DODGE | CARAVAN | VAN | 6/GAS | 6050 | 2C4RDGBG2CR420190 | Indefinite | Y | 23,820.00 | 10 | 9 | \$2,382 | \$21,438 | \$2,382 | 46409 | 17,071.00 |
| V388 | 433 | CON-BP | 8185 | 2009 | FORD | ESCAPE- C&G | SPT UTILITY | 4/GAS | 4400 | 1FMCU02799KA42417 | Indefinite | Y | 17,898.00 | 10 | 12 | \$1,790 | \$17,898 | \$0 | 15506 | - |
| | | | | | | | | | | | | | | | | | | | | |
| | | GINEERING | | | 5000 | | DIGUUD | 6/010 | 6500 | | | | | | | 40.000 | 40.500 | 400.044 | | |
| V312 | 312 | ENG | | 2018 | FORD | F150 PICKUP 4X4 | PICKUP | 6/GAS | 6500 | 1FTEX1EB3JFC03531 | Indefinite | Y | 28,634.00 | 10 | 3 | \$2,863 | \$8,590 | \$20,044 | 127565 | |
| V326 | 326 | ENG | 7455 | 2017 | CHEVY | EQUINOX | SPT UTILITY | 4/GAS | 5070 | 2GNFLEEK1H6310211 | Indefinite | Y | 22,617.00 | 10 | 4 | \$2,262 | \$9,047 | \$13,570 | 114522 | |
| | 24 014 | STOMER SE | | | | | | | | | | | | | | | | | | <u> </u> |
| 1/280 | | | | | CHEVROLET | COLORADO | PICKUP | 4/GAS | 5600 | 1GCHTCEA8L1176869 | | | 22.254.02 | 10 | 1 | \$3,236 | \$3,236 | \$29,119 | 455500 | |
| V289 V297 | 289 297 | CS CS | | 2020 2019 | CHEVROLET | EQUINOX | SPT UTILITY | 4/GAS SUV | 4630 | 2GNAXSEV5K6232790 | Indefinite | v | 32,354.82 | 10 10 | 1 2 | \$2,159 | \$3,236 | \$29,119 \$17,274 | 155568 139575 | |
| V297 V316 | 316 | CS | | 2019 | CHEVROLET | EQUINOX | SPT UTILITY | 4 | 4630 | 2GNAXSEV5K0232790 2GNAXREV1J6232647 | Indefinite | T V | 21,592.00 23,892.00 | 10 | 3 | \$2,389 | \$7,168 | \$16,724 | 123518 | |
| V310 V335 | 335 | CS | | 2018 | CHEVROLET | EQUINOX | SPT UTILITY | 6 | 5300 | 2GNFLFE32G6232714 | Indefinite | I V | 20,866.00 | 10 | 5 | \$2,087 | \$10,433 | \$10,433 | 95615 | |
| V335 V339 | 339 | CS | | 2010 | CHEVROLET | EQUINOX | SPT UTILITY | 4 | 5070 | 2GNFLEEK6F6359238 | Indefinite | I V | 23,988.00 | 10 | 6 | \$2,399 | \$10,433 | \$9,595 | 85528 | |
| V333 | 372 | CS | | 2013 | FORD | ESCAPE | SPT UTILITY | 4 GAS | 4600 | 1FMCU9C74BKB60545 | Indefinite | v | 20,830.00 | 10 | 10 | \$2,083 | \$20,830 | \$9,595 \$0 | 24347 | 8,679.00 |
| V372 | 572 | | 7010 | 2011 | TOND | LJCAIL | SITUTIEN | 4 073 | 4000 | 1111100507401000545 | machine | | 20,030.00 | 10 | 10 | Ş2,005 | \$20,030 | ΟÇ | 24347 | 0,079.00 |
| | 43 INT | ERCEPTOR | MAINTEN | | /EHICLES | | | | | | | | | | | | | | | |
| V283 | 283 | IM | | | FREIGHTLINER | 1145D | JET VAC | 6/DSL | 66000 | 1FVHG3DVXNHNA4974 | | | 395,334.84 | 10 | -1 | \$39,533 | \$0 | \$395,335 | 170560 | |
| V284 | 284 | IM | | 2021 | FORD | F250 PICKUP 4X4 | PICKUP | 8/GAS | 10000 | 1FTBF2B6XMED06894 | | | 27,685.00 | 10 | 0 | \$4,019 | \$0 | \$27,685 | 170563 | |
| V287 | 287 | IM | 7840 | 2020 | FORD | F150 | PICKUP | 6/GAS | 6500 | 1FTEW1EB1LFB70387 | | | 26,976.70 | 10 | 1 | \$2,698 | \$2,698 | \$24,279 | 159560 | |
| V307 | 307 | IM | 7501 | 2018 | ΤΟΥΟΤΑ | RAV 4 HV | SUV | H/HYB | 4960 | JTMRJREVXJD206336 | Indefinite | Y | 27,224.00 | 10 | 3 | \$2,722 | \$8,167 | \$19,057 | 128562 | |
| V308 | 308 | IM | 7760 | 2019 | INTERNATIONAL | 7400 8 YD DUMP | DUMP | 6/DSL | 40000 | 3HAWCTAR1KL667998 | Indefinite | Y | 95,653.00 | 10 | 2 | \$9,565 | \$19,131 | \$76,522 | 127571 | |
| V322 | 322 | IM | 8294 | 2017 | FORD | F550 DUMP TRUCK | DUMP | 8/DSL | 19500 | 1FDUF5HT0HED33403 | Indefinite | Y | 60,159.00 | 10 | 4 | \$6,016 | \$24,064 | \$36,095 | 115527 | |
| V329 | 329 | IM | 8303 | 2017 | INTERNATIONAL | MODEL 7500 | SEWCLEAN | 6/DSL | 46000 | 3HAWLSUR7HL741620 | Indefinite | Y | 306,509.00 | 10 | 4 | \$30,651 | \$122,604 | \$183,905 | 102516 | |
| V334 | 334 | IM | 7958 | 2016 | FORD | F250 PICKUP 4X4 | PICKUP | 8/GAS | 10000 | 1FT7X2B63GEC25534 | Indefinite | Y | 29,425.00 | 10 | 5 | \$2,943 | \$14,713 | \$14,712 | 96752 | 29,425.00 |
| V338 | 338 | IM | | 2016 | FORD | STAKE W/PLOW/SAND. | STAKE | 8/DSL | 18000 | 1FDUF5HT1GEA38809 | Indefinite | Y | 63,760.00 | 10 | 5 | \$6,376 | \$31,880 | \$31,880 | 88517 | |
| V341 | 341 | IM | | 2015 | CHEVROLET | SILVERADO | PICKUP | 8 | 10700 | 1GB3KYCG3FZ532172 | Indefinite | Y | 28,856.00 | 10 | 6 | \$2,886 | \$17,314 | \$11,542 | 86510 | <u> </u> |
| V348 | 484 | IM | | 2014 | DODGE | RAM PICKUP | CREWCAB | 8 | 10000 | 3C7WR5HJ5EG216751 | Indefinite | Y | 37,180.00 | 10 | 7 | \$3,718 | \$26,026 | \$11,154 | 65702 | |
| V355 | 355 | IM | | 2012 | FORD | F350 PICKUP 4X4 | PICKUP | 8/GAS | 10400 | 1FDRF3B61CEC50116 | Indefinite | Y | 28,421.00 | 10 | 9 | \$2,842 | \$25,579 | \$2,842 | 46429 | 20,842.09 |
| V363 | 363 | IM | 8184 | | INTERNATIONAL | 4400 | STETCO | 6/GAS | 37600 | 3HAMKAAR3FL140257 | Indefinite | Y | 193,115.00 | 10 | 6 | \$19,312 | \$115,869 | \$77,246 | 67506 | |
| V367 | 367 | IM | 7598 | 2012 | FORD | ESCAPE | SPT UTILITY | 4/Gas | 4600 | 1FMCU9C71CKB80902 | Indefinite | Y | 21,295.00 | 10 | 9 | \$2,130 | \$19,166 | \$2,129 | 42347 | 12,776.88 |
| V376 | 376 | IM | | | FREIGHTLINER | M2106 | STETCO | 6/DSL | 35000 | 1FVACYBS0BHAX2224 | Indefinite | Y | 127,830.00 | 10 | 10 | \$12,783 | \$127,830 | \$0 | 18319 | 36,218.50 |
| V415 | 415 | IM | | | | 2654 - 4X2 | STETCO | 6/DSL | 37600 | 1HTGMAAR71H355050 | Indefinite | Y | 101,347.50 | 10 | 20 | \$10,135 | \$101,348 | \$0 | 5831 | - |
| V426 | | | | | CHEVROLET | SILVERADO | PICKUP | 8/GAS | 4466 | 1GCHK29U55E226852 | Indefinite | Y | 24,053.00 | 10 | 16 | | | \$24,053 | 13565 | - |
| - | EE V33 | | | 2006 | CHEVROLET | SILVERADO | PICK-UP | 8/GAS | 9200 | 1GCHK29U76E193516 | Indefinite | Y | 25,744.00 | 10 | 15 | | | \$25,744 | 13846 | - |
| V471 | 471 | IM | | 2001 | JOHN DEERE | 240 | SKIDLOADER | 3/DSL | 6195 | KV0240A340806 | Indefinite | Y | 19,390.00 | 10 | 20 | ćr 270 | ¢50 775 | \$19,390 | 5980 | - |
| V455 | 455 | IM | | 2009 | STERLING | ACTERRA | 6Y DUMP | 6/DSL | 26000 | 2FZACFDT39AAE4077 | Indefinite | Y | 52,775.00 | 10 | 12 | \$5,278 | \$52,775 | \$0 | 15477 | - |
| | V471B | | | 2016 | BOBCAT | S650 | SKIDLOADER | 4/DSL | 8327 | ALJ818257 | Indefinite | Y | 42,198.00 | 10 | 5 | \$4,220 | \$21,099 | \$21,099 | 110517 | |
| V472 | 472 | IM | 7042 | 2008 | JCB | 4CX | BACKHOE | 4/DSL | 17782 | SLP217FC8U0911101 | Indefinite | Y | 99,785.00 | 10 | 13 | \$9,979 | \$99,785 | \$0 | 14992 | - |
| | | oo Koy Incotiy | | | | | | | | | | | | | | | | | | |

(#) Origninal Gas Key-Inactive GAS KEY WILL BE VEH.NO. NEXT VEHICLE #277

| HANSEN # V=VEHICLE | GAS- | | | | | | | | | | | | | LIFE EXP. | # OF YEARS | ANNUAL | ACCUMULATED | | Asset Number | Net Book |
|-----------------------|----------------|---------------|-----------|--------|--------------------------|------------------------|-------------|----------|--------|----------------------------|------------|----------|------------|-----------|---------------|--------------|--------------|---------------|-----------------|-----------|
| E=EQUIP. | | | | | MAKE TRAILERS (REGIST | MODEL | BODY | CYL | GVW | VIN | REG. EXP. | TITLE | COST | YEARS | 2021 | DEPRECIATION | DEPRECIATION | CURRENT VALUE | Oracle | Value |
| V291 | 43 INTE N/A | IM | 1 | 2020 | BRAVO | ST714A | TRAILER | N/A | 7000 | 542BC1426LB030988 | | | 6,859.00 | 10 | 1 | \$686 | \$686 | \$6,173 | 155580 | |
| V291 V298 | N/A | IM | | 2020 | LOAD TRAIL | TH8318072 | TRAILER | N/A | 14000 | 4ZETD1823K1170911 | Indefinite | v | 7,162.00 | 10 | 2 | \$716 | \$1,432 | \$5,730 | 139565 | |
| V236 | N/A | IM | | 2015 | HUDSON | HBC10 | TRAILER | N/A | 12960 | 10HHBC102F2000033 | Indefinite | v | 5,700.00 | 10 | 6 | \$570 | \$3,420 | \$2,280 | 76512 | + |
| V340 V354 | N/A | IM | | 2013 | Hudson | HTD18C | TRAILER | N/A | 29740 | 10HHTD1C9D1000014 | Indefinite | v | 13,400.00 | 10 | 8 | \$1,340 | \$10,720 | \$2,680 | 53508 | 11,613.36 |
| V373 | 373 | IM | N/A | 2013 | MULTIQUIP | DCA70SSIU2C | GENERATOR | DSL | 3700 | 7351314 | Indefinite | v | 26,803.00 | 10 | 11 | \$2,680 | \$26,803 | \$0 | 18274 | 6,700.73 |
| V398 | N/A | IM | 7047 | 2006 | FELLING | FT-6D00144 | DINGO TR. | N/A | 6000 | 5FTDH101461025839 | Indefinite | v | 15,995.00 | 10 | 15 | \$1,600 | \$15,995 | \$0 | 13931 | 7,730.95 |
| V459 | 459 | IM | 7988 | | INGERSOL-RAND | XP-185WJD | AIR-COMP | 3/DSL | N/A | 367255UBQ222 | Indefinite | v | 12,000.00 | 10 | 15 | \$1,200 | \$12,000 | \$0 | 13848 | 7,730.33 |
| V435 | 433 | 1101 | 7.500 | 2000 | INGENSOLINAND | XI-185WID | AIN-COMI | JUJL | 11/7 | 3072330002222 | machinice | | 12,000.00 | 10 | 15 | \$1,200 | ,12,000 | JU | 13040 | - |
| | | RATIONS | 8. MAINTE | | E SERVICES | | | | | | | | | | | | | | | + |
| V301 | 301 | 0&M | | 2019 | CHEVROLET | EQUINOX | SPT UTILITY | 4/GAS | 4630 | 2GNAXSEV2K6158034 | Indefinite | v | 23,642.00 | 10 | 2 | | | \$23,642 | 136561 | |
| V301 V336 | 336 | 0&M | | 2015 | | CROSSTREK-PAUL N. | SPT UTILITY | 4/HYBRID | | JF2GPBBC7GH241905 | Indefinite | v | 26,187.00 | 10 | 5 | | | \$26,187 | 95618 | |
| 1330 | 550 | Odivi | 7455 | 2010 | JUDANO | CROSSTREKTAGEN. | STTOTIETT | | 4074 | 312010007011241303 | indefinite | <u> </u> | 20,107.00 | 10 | | | | \$20,107 | 33010 | |
| | 46 FIFU | | | | | | | | | | | + + | | | | | | | | + |
| | | 201011 | | | | | | | | | | | | | | | | | | + |
| V286 | 286 | FP | 7907 | 2021 | FORD | VACUUM TRUCK | TRUCK | 8/GAS | 25999 | 1FDNF6AN5MDF01008 | | | 127,654.70 | 10 | 0 | \$12,766 | \$0 | \$127,655 | 166562 | + |
| V288 | 288 | FP | 7606 | 2021 | FORD | TRANSIT | VAN | 6/GAS | 10000 | 1FTBR1C85LKA35468 | | | 39,442.50 | 10 | 1 | \$3,944 | \$3,944 | \$35,499 | 156567 | <u> </u> |
| V294 | 294 | FP | | 2019 | JCB | LOADER | UTILITY | 6/DSL | 13551 | JCB40902AK2831508 | Indefinite | N | 84,631.00 | 10 | 2 | \$8,463 | \$16,926 | \$67,705 | 144559 | |
| V295 | 295 | FP | | 2018 | DODGE | BUCKET TRUCK | BUCKET | 6/Gas | 19000 | 3C7WRNAL9JG361880 | Indefinite | N | 105,033.00 | 10 | 3 | \$10,503 | \$21,007 | \$84,026 | 139571 | |
| V299 | 299 | FP | | 2019 | FORD | TRANSIT VAN-INSTRUM. | VAN | 4/GAS | 5302 | NM0LS7E21K1406194 | Indefinite | N | 30,157.00 | 10 | 2 | \$3,016 | \$6,031 | \$24,126 | 139564 | |
| V314 | 314 | FP | | 2018 | FORD | STAKE BODY | STAKE | 10/GAS | 16500 | 1FDUF4HY5JEB53376 | Indefinite | N | 52,497.00 | 10 | 3 | \$5,250 | \$15,749 | \$36,748 | 125519 | |
| V315 | 315 | FP | | 2018 | FORD | OPER. SUPERVISOR | PICKUP | 8/GAS | 10000 | 1FT7X2B65JEB31419 | Indefinite | N | 31,187.00 | 10 | 3 | \$3,119 | \$9,356 | \$21,831 | 124523 | |
| V317 | 317 | FP | | 2017 | BOBCAT | TOOLCAT 5600 | UTILITY | 4/DSL | 7650 | AHG81466208082017 | Indefinite | Y | 68,349.00 | 10 | 4 | \$6,835 | \$27,340 | \$41,009 | 121516 | |
| V320 | 320 | FP | | 2017 | DODGE | RAM 5500 | MECH CRANE | 6/DSL | 24000 | 3C7WRNAL0HG695516 | Indefinite | Y | 100,727.00 | 10 | 4 | \$10,073 | \$40,291 | \$60,436 | 116525 | |
| V332 | 332 | FP | | 2016 | FORD | TRANSIT VAN INSTRUM | VAN | 6/GAS | 9000 | 1FTYR2XM2GKA88836 | Indefinite | Y | 38,945.00 | 10 | 5 | \$3,895 | \$19,473 | \$19,472 | 98529 | 38,945.00 |
| V333 | 333 | FP | | 2016 | FORD | TRANSIT PASSEN. VAN | VAN | 4/GAS | 5280 | NM0GS9E71G1267636 | Indefinite | Y | 23,065.00 | 10 | 5 | \$2,307 | \$11,533 | \$11,532 | 98528 | 23,065.00 |
| V345 | 345 | FP | | 2015 | FORD | F250-O&M SUPPORT | PICK-UP | 8/GAS | 10000 | 1FTBF2B67FEC26097 | Indefinite | Y | 23,992.00 | 10 | 6 | \$2,399 | \$14,395 | \$9,597 | 77503 | |
| V352 | 352 | FP | | 2014 | FORD | E350 -INSTRUM. | VAN | 8/GAS | 11500 | 1FDWE3FL9EDA34237 | Indefinite | Y | 37,348.00 | 10 | 7 | \$3,735 | \$26,144 | \$11,204 | 65700 | |
| V353 | 353 | FP | 7818 | 2015 | INTERNATION. | 7600-30 YD DUMP | ROLLOFF | 6/DSL | 66000 | 3HTGRSNT4FN518375 | Indefinite | Y | 122,963.00 | 10 | 6 | \$12,293 | \$73,778 | \$49,185 | 67505 | |
| V360 | V360 | FP | | 2013 | FORD | E350 NORM ROD. | VAN | 8/GAS | 10050 | 1FDWE3FL9DDA22779 | Indefinite | Y | 30,195.00 | 10 | 8 | \$3,020 | \$24,156 | \$6,039 | 48431 | 23,149.50 |
| V366 | V366 | FP | | 2012 | FORD | E350 VIC COSTA | VAN | 8/GAS | 9900 | 1FDSE3FLXCDA70434 | Indefinite | Y | 28,895.00 | 10 | 9 | \$2,890 | \$26,006 | \$2,889 | 45364 | 18,781.78 |
| V375 | 450 | FP | | 2011 | FORD | E150- CARPENTER | VAN | 8/GS | 8520 | 1FTNE1EW5BDA23750 | Indefinite | Y | 20,180.00 | 10 | 10 | \$2,018 | \$20,180 | \$0 | 18346 | 7,063.03 |
| V379 | V379 | FP | | 2010 | FORD | F350 - YARD | 3 YD.DUMP | 8/GS | 13000 | 1FDWF3G57AEA77265 | Indefinite | Y | 27,595.00 | 10 | 11 | \$2,760 | \$27,595 | \$0 | 17518 | 4,595.86 |
| V389 | 498 | FP | 8208 | 2008 | FORD | E350 | VAN | 8/DSL | 9500 | 1FTSE34P68DB47270 | Indefinite | Y | 29,362.00 | 10 | 13 | \$2,936 | \$29,362 | \$0 | 15508 | - |
| V405 | 405 | FP | | 2008 | FORD | E150- ELECT. S.MORELLI | VAN | 8/GS | 8520 | 1FTNE14W48DA56488 | Indefinite | Y | 21,760.00 | 10 | 13 | +=,500 | +==;;;;;; | \$21,760 | 14970 | - |
| V406 | 406 | FP | | 2008 | FORD | F-150- MAINT.SUPER. | PICK-UP | 8/GAS | 6900 | 1FTRW14W88FB21698 | Indefinite | Y | 25,380.00 | 10 | 13 | \$2,538 | \$25,380 | \$0 | 14985 | _ |
| V416 | 416 | FP | 7228 | 1996 | FORD | F800 | FLUSHER | 6/DSL | 33000 | 1FDXF80C8TVA18643 | Indefinite | Y | 71,560.00 | 10 | 25 | + -,200 | +,000 | \$71,560 | 4302 | - |
| V410 | 434 | FP | 7390 | 2007 | CHEVROLET | COLORADO | PICK-UP | 5/GAS | 5300 | 1GCDT19E978162749 | Indefinite | | 18,822.00 | 10 | 14 | | | \$18,822 | 14138 | - |
| V437 | 437 | FP | 7928 | 2006 | CHEVROLET | SILVERADO-OPERATION | PICK-UP | 8/GAS | 7000 | 2GCEK13TX61223252 | Indefinite | Y | 24,488.00 | 10 | 15 | | | \$24,488 | 13777 | - |
| V438 | 438 | FP | | 2000 | MITSUBISHI | FD50-D | FRKLFT | 6/DSL | 16,890 | AF28A50188 | Indefinite | Y | 34,883.00 | 5 | 21 | \$4,968 | \$4,968 | \$29,915 | 5535 | - |
| V439 | 439 | FP | 7993 | 2004 | INTERNATION. | 7600-30 YD. | ROLLOFF | 6/DSL | 66000 | 1HTWYAHT64J027083 | Indefinite | Y | 106,000.00 | 10 | 17 | + .,500 | + ., | \$106,000 | 12916 | - |
| V443 | 443 | FP | TO V345 | | FORD | F250-OPERATIONS | PICK-UP | 8/GAS | 5154 | 3FTNF20L83MB40762 | Indefinite | Y | 18,393.00 | 10 | 18 | | | \$18,393 | 12703 | - |
| V446 | 446 | FP | | 2008 | FORD | OPERATIONS DEPT. | PICK-UP | 8/GAS | 6900 | 1FTRW14W48FB64354 | Indefinite | Y | 23,380.00 | 10 | 13 | \$2,338 | \$23,380 | \$0 | 15033 | |
| | 85 (44(| FP | 7348 | 2003 | | 4200 | VAC.TANK | 8/DSL | 25500 | 1HTMPAFL93H603283 | Indefinite | Y | 57,600.00 | 10 | 18 | \$5,760 | \$57,600 | \$0 | 12664 | <u> </u> |
| V405 | 495 | FP | | 2003 | FORD | RANGER-INST.MARCOS | PICK-UP | 4/GAS | 4380 | 1FTYR10D48PA74185 | Indefinite | Y | 13,920.00 | 10 | 13 | \$1,392 | \$13,920 | \$0 | 15011 | 8,506.67 |
| | | | 0200 | 2000 | 1010 | | | 1, 5, 15 | | 11111100 1017/14100 | indefinite | | 10,020.00 | 10 | | ¥ 1,552 | <i>\</i> | <i></i> | 10011 | 0,000.07 |
| | 46 FIEL | DS POINT | TRAILERS | (REGIS | TERED) | | | | | | | | | | | | | | | + |
| V319 | - | FP | | | TRITON TRAILER | KOHLER GENERATOR | Generator | DSL | 10000 | Trailer#:4TCSU0929HHS12025 | Indefinite | Y | 55,800.00 | 10 | 4 | \$5,580 | \$22,320 | \$33,480 | 116515 | <u> </u> |
| V396B | N/A | FP | | | HOMESTEADER | SPILL TRAILER 712CT | ENCLOSED | N/A | N/A | 5HABE1228JN064245 | Indefinite | Y | 4,934.00 | 10 | 3 | \$493 | \$1,480 | \$3,454 | NO ASSET | · _ |
| | - | s Kev-Inactiv | | 2010 | HOWESTEADER | STILL MAILEN / 1201 | LINCLOSED | МА | | 511ADE1220310004243 | machinic | | 4,004.00 | 10 | 5 | Υ-JJ | ,100 | Ş3,434 | NO AGOLI | <u> </u> |

(#) Origninal Gas Key-Inactive GAS KEY WILL BE VEH.NO. NEXT VEHICLE #277

| HANSEN # V=VEHICLE | | | | | | | | | | | | | | LIFE EXP. | # OF YEARS | ANNUAL | ACCUMULATED | | Asset Number | Net Book |
|-----------------------|---------------|-----------|---|---------|----------------|------------------------|-------------|-------------------|-------|------------------------|------------------|---|-----------|-----------|---------------|--|---------------|---------------|-----------------|------------|
| E=EQUIP. | KEY | DIV | RI PLATE | | MAKE | MODEL | BODY | CYL | GVW | VIN | REG. EXP. | | COST | YEARS | 2021 | DEPRECIATION | | CURRENT VALUE | Oracle | Value |
| V464 | 464 | FP | | 2008 | GODWIN | CD150M | PUMPSET | DSL | N/A | 16MPF06108D051427 | Indefinite | Y | 30,779.95 | 10 | 13 | \$3,078 | \$30,780 | \$0 | 15448 | 19,164.42 |
| V465 | 465 | FP FD | 7044 | | SOUTHWORTH | OLYMP#XQ20P2 | Generator | DSL | 480V | OLY00000LF4YP00305 | Indefinite | Y | 19,547.00 | 10 | 16 | \$1,955 | \$19,547 | \$0 | 13588 | |
| V384 | 466 | FP | 7623 | 2009 | MILLER | BOBCAT 250 | WELDER | 4/GAS | N/A | LJ390010H | Indefinite | Y | 5,059.40 | 10 | 12 | \$506 | \$5,059 | \$0 | 16302 | - |
| | 47 BUC | | | FS | | | | | | | | | | | | | | | | |
| V281 | 281 | BP | 1 | 2021 | FORD | F350 | PICKUP | 8/GAS | 10400 | 1FTRF3B68MED06896 | | | 34,800.45 | 10 | 0 | \$4,405 | \$0 | \$34,800 | 170572 | + |
| V282 | 282 | BP | 8224 | 2021 | FORD | F350 | PICKUP | 8/GAS | 10400 | 1FTRF3B66MED06895 | | | 34,800.45 | 10 | 0 | \$4,405 | \$0 | \$34,800 | 170573 | ++ |
| V293 | 293 | BP | | 2020 | FORD | F250 PICKUP | PICKUP | 8/GAS | 10000 | 1FT7W2B61LEC51269 | | | 32,862.85 | 10 | 1 | \$3,286 | \$3,286 | \$29,577 | 155574 | |
| V303 | 303 | BP | | 2019 | FORD | TRANSIT 250 -INSTRUM. | VAN | 6/GAS | 9000 | 1FTYR2CM7KKA21017 | Indefinite | N | 30,699.00 | 10 | 2 | \$3,070 | \$6,140 | \$24,559 | 136572 | |
| V304 | 304 | BP | | 2019 | FORD | TRANSIT 250-ELECTRICAL | VAN | 6/GAS | 9000 | 1FTYR2CM5KKA21016 | Indefinite | N | 35,199.00 | 10 | 2 | \$3,520 | \$7,040 | \$28,159 | 136573 | |
| V306 | 306 | BP | | 2019 | FORD | F250 4X4 CREW CAB | PICKUP | 8/GAS | 10000 | 1FT7W2B61KED14689 | Indefinite | N | 27,677.00 | 10 | 2 | \$2,768 | \$5,535 | \$22,142 | 135569 | - |
| V318 | 318 | BP | | 2017 | FORD | TRANSIT VAN PM | VAN | 6/GAS | 9000 | 1FTYR1CM4HKB27041 | Indefinite | Y | 30,900.00 | 10 | 4 | \$3,090 | \$12,360 | \$18,540 | 120521 | |
| V323 | 323 | BP | | 2017 | FORD | F250 CREW CAB | PICK-UP | 8/GAS | 10000 | 1FT7W2B69HED45486 | Indefinite | Y | 35,572.00 | 10 | 4 | \$3,557 | \$14,229 | \$21,343 | 115522 | |
| V328 | 328 | BP | | 2017 | FORD | F150 CREW CAB | PICK-UP | 8/GAS | 7000 | 1FTEW1EF6HFB77569 | Indefinite | Y | 29,704.00 | 10 | 4 | \$2,970 | \$11,882 | \$17,822 | 114521 | |
| V330 | 330 | BP | | 2016 | FORD | TRANSIT VAN | VAN | 6/GAS | 9000 | 1FTYR2XM4GKA88837 | Indefinite | Y | 38,945.00 | 10 | 5 | \$3,895 | \$19,473 | \$19,472 | 98560 | |
| V331 | 331 | BP | 7382 | 2016 | FORD | TRANSIT VAN | VAN | 6/GAS | 9000 | 1FTYR2XM6GKA88838 | Indefinite | Y | 37,245.00 | 10 | 5 | \$3,725 | \$18,623 | \$18,622 | 98531 | |
| V344 | 344 | BP | 7383 | 2015 | FORD | F350 4X4 DUMP | DUMP | 8/GAS | 14000 | 1FD8X3H68FEB08396 | Indefinite | Y | 32,925.00 | 10 | 6 | \$3,293 | \$19,755 | \$13,170 | 79505 | |
| V368 | 368 | BP-M | 7841 | 2011 | NEW HOLLAND | T5050 | TRACTOR | 4/DSL | 9350 | ZBJH05859 | Indefinite | Y | 79,250.00 | 10 | 10 | \$7,925 | \$79,250 | \$0 | 31353 | 36,983.56 |
| V444 | 444 | BP-T | 7375 | 2006 | CHEVROLET | SILVERADO | PICKUP | 8/GAS | 7000 | 2GCEK13T361219771 | Indefinite | Y | 26,986.00 | 10 | 15 | \$2,699 | \$26,986 | \$0 | 13769 | - |
| V351 | 351 | BP-M | 8565 | 2014 | FORD | ELECTRICIAN SPRINT | VAN | 4/GAS | 5020 | NM0LS6F76E1154905 | Indefinite | Y | 25,840.00 | 10 | 7 | \$2,584 | \$18,088 | \$7,752 | 68502 | |
| V479 | 79 (40: | BP | 7384 | 2008 | FORD | ESCAPE | SPT UTILITY | 4/Gas | 4400 | 1FMCUO2Z58KD83314 | Indefinite | Y | 17,239.00 | 10 | 13 | \$1,724 | \$17,239 | \$0 | 15032 | - |
| | | | | | | | | | | | | | | | | | | | | |
| | <u>47 BUC</u> | CKLIN POI | NT TRAILEI | R (REGI | <u>STERED)</u> | | | | | | | | | | | | | | | |
| V310 | 310 | BPM | 7758 | 2018 | WRIGHT | UTILITY | TRAILER | N/A | 12000 | 1S9TS1825J1132077 | Indefinite | Y | 4,350.00 | 10 | 3 | \$435 | \$1,305 | \$3,045 | No Asset | |
| V327 | N/A | BPM | | 2018 | STEALTH | UTILITY | TRAILER | N/A | 6990 | 52LBE1422JE060436 | Indefinite | Y | 5,435.00 | 10 | 3 | \$544 | \$1,631 | \$3,804 | 110522 | |
| V364 | NEW | BPM | | 2012 | GODWIN | 6" PUMP | PUMPSET | DSL | N/A | 16MPF0512CD064030 | Indefinite | Y | 27,860.23 | 10 | 9 | \$2,786 | \$25,074 | \$2,786 | 46402 | 19,502.15 |
| V374 | N/A | BP-M | | 2010 | STEALTH | SLT612SA | ELECTRICAL | N/A | 2990 | 52LBE1219AE002883 | Indefinite | Y | 3,450.00 | 10 | 11 | \$345 | \$3,450 | \$0 | 18313 | 977.50 |
| V390 | N/A | BPM | 8151 | 2003 | GODWIN | 6" PUMP | PUMPSET | DSL | N/A | 23051824 | Indefinite | Y | 24,000.00 | 10 | 18 | \$2,400 | \$24,000 | \$0 | Const.Con. | |
| | 54 750 | | | | | 0.7041150 | | | | | | | | | | | | | | |
| 1/270 | | | | 1 | | | | NI / A | 4500 | | | | 00.004.50 | 40 | | ¢2.000 | ć0 | ¢20.002 | | |
| V279 | 279 | TAC | | 2021 | NISSAN | LEAF- ELECTRIC | HATCHBACK | N/A | 4508 | 1N4AZ1BVSMC554766 | | | 29,091.50 | 10 | 0 | \$2,909 | \$0 | \$29,092 | | <u> </u> |
| V290 | N/A | TAC | 8257 | 2020 | TRAILER | TRL | SOLAR | N/A | 2995 | 4ZESA1219L1197925 | | | 2,127.00 | 10 | | \$213 | \$213 | \$1,914 | | |
| | 52 DRF | TREATME | | FS | | | | | | | | | | | | | | | | |
| V278 | 278 | PT | | 2021 | ΤΟΥΟΤΑ | RAV 4 PRIME | SUV | 4/HYBRID | 4209 | JTMCB3FV5MD030220 | | | 33,154.00 | 10 | 0 | \$3,315 | \$0 | \$33,154 | | + |
| V278 V302 | 302 | PT PT | | 2021 | CHEVROLET | EQUINOX | SUV | 4/HTBRID 4/GAS | 4209 | 2GNAXVEX9K6163265 | Indefinite | N | 25,451.00 | 10 | 2 | \$2,545 | \$5,090 | \$20,361 | 136560 | + |
| V302 V325 | 325 | PT | | 2019 | CHEVROLET | EQUINOX SUV | SUV | 4/GAS | 5070 | 2GNFLEEK1H6309835 | Indefinite | V | 23,431.00 | 10 | 4 | \$2,479 | \$9,917 | \$14,875 | 114525 | + |
| V323 | 342 | PT | | 2017 | CHEVROLET | EQUINOX SUV | SUV | 6/GAS | 5300 | 2GNFLFE39F6302630 | Indefinite | v | 27,865.00 | 10 | 6 | \$2,787 | \$16,719 | \$11,146 | 80510 | + |
| V342 V371 | 371 | PT | | 2013 | FORD | ESCAPE | SPT UTILITY | 6/GAS | 4680 | 1FMCU9DG8BKB85382 | Indefinite | v | 18,495.00 | 10 | 10 | \$1,850 | \$18,495 | \$0 | 27354 | 8,014.00 |
| V371 V386 | 386 | PT | | 2001 | FORD | ESCAPE | SPT UTILITY | 6/GAS | 4680 | 1FMCU93G79KB77141 | Indefinite | Y | 17,925.00 | 10 | 10 | \$1,793 | \$17,925 | \$0 | 16306 | 597.00 |
| | | | , | 2005 | 1010 | | Si i Offert | | | 1.1.1.000007.5107.7141 | inacinite | | 11,020.00 | 10 | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ÷,,525 | | 10000 | 007.00 |
| | 52 PRE | TREATME | | R (REG | ISTERED): | | | | | | | | | | | | | | | |
| V397 | N/A | PT | | | FOREST RIVER | TB58SA | UTILITY | N/A | 3000 | 4X4TSE216WB012638 | Indefinite | Y | 1,950.00 | 10 | 23 | \$195 | \$1,950 | \$0 | 4702 | - |
| | | | | | | | | | | | | | | | | | | | | |
| 1/202 | | | | | | | \/A.N! | C/CAC | 0070 | | | | 00.000.75 | 40 | | 63 570 | <u> </u> | 622.200 | 470500 | |
| V280 | 280 | EM | | 2021 | FORD | TRANSIT | VAN | 6/GAS | 9070 | 1FTBR2Y86MKA19909 | lug al a firm it | | 33,208.75 | 10 | 0 | \$3,576 | \$0 ¢5 728 | \$33,209 | 170562 | <u> </u> |
| V300 | 300 | EM | | 2019 | ΤΟΥΟΤΑ | SIENNA | VAN | 6/GAS | 5995 | 5TDJZ3DC4KS223707 | Indefinite | N | 28,692.00 | 10 | 2 | \$2,869 | \$5,738 | \$22,954 | 138573 | <u> </u> ! |
| V309 | 309 | EM | | 2018 | | SIENNA EQUINOX SUV | VAN | 6/GAS | 5995 | 5TDJZ3DC1JS191703 | Indefinite | N | 33,702.92 | 10 | 3 | \$3,370 | \$6,741 | \$26,962 | 127576 | |
| V324 | 324 | EM | | 2017 | CHEVROLET | EQUINOX SUV | SUV | 4/GAS | 5070 | 2GNFLEEK9H6310229 | Indefinite | Υ | 23,032.00 | 10 | 4 | \$2,303 | \$9,213 | \$13,819 | 114526 | <u> </u> |

(#) Origninal Gas Key-Inactive GAS KEY WILL BE VEH.NO. NEXT VEHICLE #277

NBC VEHICLE LIST AS OF JUNE 30, 2021

| HANSEN # | | | | | | | | | | | | | | | # OF | | | | Asset | |
|-----------|--------|---------------|-----------------|--------|-------------------|----------------------|----------------|-------|------|--------------------|------------|-------|-----------|-----------|-------|--------------|--------------|---------------|--------|-----------|
| V=VEHICLE | GAS- | | | | | | | | | | | | | LIFE EXP. | YEARS | ANNUAL | ACCUMULATED | | Number | Net Book |
| E=EQUIP. | KEY | DIV | RI PLATE | YR | MAKE | MODEL | BODY | CYL | GVW | VIN | REG. EXP. | TITLE | COST | YEARS | 2021 | DEPRECIATION | DEPRECIATION | CURRENT VALUE | Oracle | Value |
| V340 | 340 | EM | 7722 | 2015 | TOYOTA | SIENNA | VAN | 6 | 5995 | 5TDJK3DC5FS107006 | Indefinite | Y | 29,988.00 | 10 | 6 | \$2,999 | \$17,993 | \$11,995 | 85532 | |
| V349 | 349 | EM | 7915 | 2014 | DODGE | GRAND CARAVAN | VAN | 6/GAS | 7100 | 2C4RDGBG9ER190716 | Indefinite | Y | 16,840.00 | 10 | 7 | \$1,684 | \$11,788 | \$5,052 | 62520 | |
| V358 | V358 | EM | 8101 | 2013 | DODGE | GRAND CARAVAN | VAN | 6/GAS | 6050 | 2C4RDGBGXDR642137 | Indefinite | Y | 15,256.00 | 10 | 8 | \$1,526 | \$12,205 | \$3,051 | 49463 | 12,459.05 |
| V365 | 365 | EM | 7350 | 2012 | DODGE | GRAND CARAVAN | VAN | 6/GAS | 6050 | 2C4RDGBG3CR318414 | Indefinite | Y | 22,437.00 | 10 | 9 | \$2,244 | \$20,193 | \$2,244 | 45352 | 14,584.05 |
| V392 | N/A | EM | 6316T | 2005 | PARKER | P23DVSC | 23' BOAT | 4 | 2005 | HULL #PXM34003K405 | 2/29/2008 | Y | 54,200.00 | 10 | 16 | \$5,420 | \$54,200 | \$0 | 1339 | - |
| V305B | | EM | | 2019 | CAROLINA SKIFF | 16JVX CNTR CONSOLE | 16' FIBERGLASS | | | HULL#EKH2T420J819 | | | 17,199.00 | 10 | 2 | \$1,720 | \$3,440 | \$13,759 | | |
| | | | | | | | | | | | | | | | | | | | | |
| | 55 ENV | IRONME | NTAL MON | ITORIN | IG TRAILERS (REGI | STERED): | | | | | | | | | | | | | | |
| V305T | N/A | EM | 8250 | 2019 | ROAD KING | RKGJVX 16 2000LB NET | BOAT TRL | N/A | 2500 | 5KZBB1614KA056366 | | Y | 1,800.00 | 10 | 2 | \$180 | \$360 | \$1,440 | | |
| V395 | N/A | EM | 8150 | 2005 | 5 STAR | 5R5802 | 23' BOAT TRL. | N/A | N/A | 5A4NL4W2052000611 | Indefinite | Y | 4,200.00 | 10 | 16 | \$420 | \$4,200 | \$0 | 13339 | - |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 2021 | 1 | | | | | | | | | | | | | | | | | | | |
| 202 | 1 | | | | | | | | | | | | | | | | | | | |
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- **DIV 4-8.** Refer to NBC's February 16, 2023 presentation. Please provide Excel files for the following items:
 - a. Slide 10 table, Monthly Transfers from the Revenue Fund to the Operations and Maintenance Fund
 - b. Slide 12 table, Monthly Transfers from the Revenue Fund to the Debt Service Fund
 - c. Slide 16, Trust Indenture Flow of Funds
 - d. Slide 18, Operating Capital Accounts, Use of PUC Restricted Funds
 - e. Slide 19, Compliance Reporting for Restricted Funds for FY 2022
 - f. Slide 20, Capital Project Compliance Reporting please provide the Excel listing all projects for the period ending June 30, 2022. Also provide a similar Excel for the period ending December 31, 2022.
 - g. Slide 21, Operating Capital, Projected Use
 - h. Slide 27, Electricity Purchases and Renewables
 - i. Slide 28, Electricity Expense and Supply Rate Impact
 - j. Slide 29, Electricity Expense, Behind the Meter Production, Supply Rate
 - k. Slide 30, Remote Net Metered Facilities NBC-Owned Wind Turbines Coventry
 - I. Slide 31, Remote Net Metered Facilities Power Purchase Agreements
 - m. Slide 33, Net Metering Credits
 - n. Slide 34, Impact of Coventry Remote Net Metered Production

Response: See attachment 4-8. For response to "f. Capital Project Compliance Reporting" – please note that NBC only keeps the most recent list of projects in an excel version. The attachment for Slide 20 includes the project listing for period ending December 31, 2022.

Prepared by: Karen Giebink and Leah Foster

DIV 4-9. During the February 16, 2023 presentation in conjunction with explaining the "use" item on slide 27, NBC mentioned that during the fall of 2022 there was a period when unusually heavy rain was experienced. Identify the date(s) and the approximate amount of rain experienced and explain in detail how that unusual level of rainfall affected NBC's operations generally and specifically affected NBC's cost of electricity.

| | Rainfall D (in inche | | |
|---------------|-------------------------|--------------------|--------------------|
| Month/Year | TF Green Airport | Field's Point WWTF | Bucklin Point WWTF |
| September '22 | 5.95 | 10.47 | 7.87 |
| October '22 | 5.85 | 5.20 | 6.45 |
| November '22 | 3.53 | 1.84 | 3.54 |
| December '22 | 6.00 | 4.27 | 5.60 |
| January '23 | 6.76 | 5.81 | 7.47 |

Response:

Around September 5, 2022, there was a large rainfall event that impacted the region. So large, that the Providence Emergency Management Agency (PEMA) reached out to NBC requesting a large pump to assist them with flooding impacting RI Energy facilities. There were additional large storms in October, November and December 2022 and January 2023. These large storms send excess liquid and solid volumes to the plants, which requires all of the equipment to run harder for longer periods of time. In addition, much more debris (roadway grit, trash, and in-pipe solids) is sent through the process, which adds more strain to the equipment. Screens, designed to protect pumps, work double duty to keep up and can become blocked. After the rain stops, the excess flow lingers for many days, requiring more pumping and electricity usage to keep up with the elevated flows.

At Field's Point, flow that enters the FP CSO Tunnel eventually gets pumped back to the plant for full treatment. The Tunnel Pump Station is nearly 300 below the ground surface, so it takes two 400 hp pumps (800 hp per pump set) to pump 12.5 MGD out of the Tunnel to the plant (equating to 8,681 gallons per minute). As a relative comparison to pumping sewage from the Ernest Street Main Pumping Station, one 300 hp pump can pump 40 MGD to the plant (equating to 27,778 gallons per minute). Should the Tunnel fill completely, flows above 77 MGD would be sent to the Wet Weather Tanks. Pumps and clarifier drives in those wet weather tanks present an additional electrical load and an additional sodium hypochlorite pump would also need to be put into service. When necessary, Field's Point may need to place additional bar racks, grit tanks and grit pumps, and fine screens into service during high flow conditions. At Bucklin Point, all flow that enters the BP collection system goes to the treatment plant as the Bucklin Point CSO Tunnel is currently under construction. As rainfall increases flow to the plant, additional bar screens, cyclone degritter tanks and grit washers are placed in service. This is necessary to capture additional screenings and grit carried to the plant with the rainfall influenced high flow rates. At that same time, an additional primary clarifier is placed into use to improve the full biological treatment process which can handle up to 46 MGD. Instantaneous flows above 46 MGD get diverted to wet weather tanks. Flow to the wet weather tanks receive primary settling, chlorination and dechlorination. Hypochlorite and Bisulfite pumps are placed in service to accomplish the disinfection and dechlorination steps. Should the Seekonk River level be elevated, effluent pumps are needed to pump these flows out to the river. The Wet Weather sewage pumps pump captured wet weather flow to full treatment after high flows subside. Also, during high flows both ultraviolet (UV) banks are in operation which increases electrical usage significantly.

One other thing to keep in mind is the cumulative effect that rainfall has on the groundwater levels. During dry times the groundwater levels subside and during rainy times, the groundwater levels increase. During dry times, the amount of groundwater infiltration into the collection system is minimal. As the groundwater level begins to get recharged from steadier rainfall, that level increases. Eventually groundwater levels get to a point where groundwater starts infiltrating into the piping in the collection system. Additional groundwater mixed in with sewage means that more water needs to be pumped and treated, which is an additional electrical expense.

The chart below shows monthly average flow rates for Field's Point and Bucklin Point (in Millions of Gallons Per Day – MGD) from September '22 to January '23. As the chart shows, the average flow rates for this time period were greater than the normal monthly average for 2022.

| Average Flow Rates (in Millions of Gallons per Day - MGD) | | | | | | | | | | |
|--|---------------|---------------|--|--|--|--|--|--|--|--|
| Month/Year | Field's Point | Bucklin Point | | | | | | | | |
| September '22 | 47.86 | 15.65 | | | | | | | | |
| October '22 | 47.19 | 16.43 | | | | | | | | |
| November '22 | 39.22 | 15.28 | | | | | | | | |
| December '22 | 51.22 | 19.56 | | | | | | | | |
| January '23 | 58.41 | 24.18 | | | | | | | | |
| 5-month average | 48.78 MGD | 18.22 MGD | | | | | | | | |
| 2022 Monthy Average | 42.50 MGD | 16.74 MGD | | | | | | | | |

Prepared by: Paul Desrosiers and Margaret Goulet

DIV 4-10. Concerning the Bucklin Point Biogas Cogeneration facility:

- a. Identify all costs spent by NBC on the Bucklin Point Biogas Cogeneration facility through December 31, 2022.
- b. Identify all costs spent by NBC on the Bucklin Point Biogas Cogeneration facility subsequent to December 31, 2022.
- c. Identify all remaining costs that NBC projects spending on the Bucklin Point Biogas Cogeneration facility and indicate the total amount that NBC projects to spend on that facility.
- d. Prior to undertaking the Bucklin Point Biogas Cogeneration facility did NBC have a budget and/or a cost-benefit analysis? If not, explain fully why not. If so, please identify and provide the budget and cost-benefit analysis.
- e. Slide 27 in NBC's February 16, 2023 presentation shows annual kWh generation of 94,327 from the Bucklin Point Biogas Cogeneration facility. However, NBC indicated that the generation from that facility will probably be zero. Please clarify the period for which NBC believes that the generation from the Bucklin Point Biogas Cogeneration facility will be zero.
- f. Does NBC have projections of generation from the Bucklin Point Biogas Cogeneration facility for FY2024 or any subsequent years that NBC believes are reliable? If not, explain fully why not. If so, please provide the projections of generation from the Bucklin Point Biogas Cogeneration facility for FY2024 and each subsequent year that NBC believes are reliable.

Response:

- a. \$8,372,657, which includes planning, design, and construction phases of the project was spent through December 31, 2022.
- b. There have been no dollars spent on this project subsequent to December 31, 2022.
- c. NBC may spend approximately \$762,565 in outside professional consulting services (maximum amount, based on an initial draft proposal)to address various combined heat and power (CHP) design concerns, condition assessment, optimization strategies, gas treatment design modifications and related topics. At this time, NBC is unable to provide any firm estimates on the CHP system. Anticipated work efforts may include gas conditioning system repair/modifications/replacements and other system components (i.e. new stator and others).

d. NBC's cost/benefit analysis used when the project was approved by the NBC Board of Commissioners was based on the following (also see Attachment DIV 4-10 D):

| Nameplate Capacity (kW) | 600 |
|------------------------------------|-------------|
| Effective Capacity Factor Estimate | 87% |
| Average Power (kW) | 524 |
| Electricity Production (kWh/yr) | 4,589,280 |
| Basis of Cost Calculations: | |
| Total Project Cost | \$6,440,000 |
| Potential Incentives & Grants | \$1,793,750 |
| Annual Values: | |
| Bond Interest Rate | 2.50% |
| General Inflation Rate | 2.00% |
| Electric Price Increase | 4.81% |
| Portion of Electric Bill kWh based | 87.0% |
| Average Project Results: | |
| Electric Savings & RECs (\$/kWh) | \$0.181 |
| Lifecycle Payback Period (years) | 9.3 |
| Internal Rate of Return | 7.2% |

- e. Based on NBC's current work schedule it is probable that construction activities associated with the needed digester tank repairs/improvements may commence circa the fall of 2023 (roughly September). If NBC elects to take multiple digester tanks off-line simultaneously the associated duration of construction may be approximately 2 ½ to 3 years. For planning purposes, assume nearly 34 months.
- f. NBC received two evaluations of the Bucklin Point Biogas Cogeneration facility from two separate engineering companies in 2023. These evaluations estimate that once the digester tank repairs discussed in the response to 4-10 e are completed and the digester tanks are operating optimally, it is expected to produce enough biogas to generate between 3,470,197 kWh per year and 4,556,926 kWh per year. Each group used slightly different methods to estimate gas production.

Prepared by: David Bowen and James Kelly

| | | | | Electric Savings | | Electricity Savings | REC Value | O&M Cost | Interest | | Effective | Production Cost | Total Bond | REC Value | Cummulative | |
|------------------------------------|-------------|-----------------|------|---------------------|--------|------------------------|-----------|-------------|-------------|-------------|--------------|--------------------|-------------|-------------|--------------|--------------|
| Power Production: | | Year Starting | Year | (\$/kWh) | Uptime | (\$/kWh) | (\$/kWh) | (\$/kWh)** | Payment | O&M Cost | Cash Flow | (\$/kWh) | Payment | (\$/yr) | Cash Flow | Gas (\$/yr)* |
| Nameplate Capacity (kW) | 600 | January 1, 2017 | 0 | \$0.096 | - | - | \$0.035 | - | - | - | -\$4,646,250 | - | - | - | 0 | |
| Effective Capacity Factor Estimate | 87% | January 1, 2018 | 1 | \$0.10 | 89% | \$477,192 | \$0.012 | \$0.037 | \$116,156 | \$171,897 | \$212,344 | \$0.100 | \$298,044 | \$55,155 | -\$4,433,906 | \$32,961 |
| Average Power (kW) | 524 | January 1, 2019 | 2 | \$0.104 | 89% | \$487,159 | \$0.024 | \$0.037 | \$111,609 | \$175,335 | \$279,920 | \$0.101 | \$298,044 | \$111,911 | -\$4,153,986 | \$34,544 |
| Electricity Production (kWh/yr) | 4,589,280 | January 1, 2020 | 3 | \$0.108 | 83% | \$473,768 | \$0.029 | \$0.041 | \$106,948 | \$178,842 | \$280,424 | \$0.109 | \$298,044 | \$134,907 | -\$3,873,562 | \$36,204 |
| Basis of Cost Calculations: | | January 1, 2021 | 4 | \$0.115 | 89% | \$539,195 | \$0.028 | \$0.039 | \$102,171 | \$182,418 | \$349,652 | \$0.103 | \$298,044 | \$130,577 | -\$3,523,910 | \$37,944 |
| Total Project Cost \$ | \$6,440,000 | January 1, 2022 | 5 | \$0.119 | 89% | \$555,526 | \$0.035 | \$0.040 | \$97,274 | \$186,067 | \$396,686 | \$0.103 | \$298,044 | \$161,098 | -\$3,127,224 | \$39,767 |
| Potential Incentives & Grants \$ | \$1,793,750 | January 1, 2023 | 6 | \$0.121 | 83% | \$529,157 | \$0.038 | \$0.043 | \$92,255 | \$189,788 | \$372,704 | \$0.111 | \$298,044 | \$175,308 | -\$2,754,520 | \$41,678 |
| Annual Values: | | January 1, 2024 | 7 | \$0.127 | 89% | \$595,328 | \$0.036 | \$0.041 | \$87,110 | \$193,584 | \$438,636 | \$0.105 | \$298,044 | \$164,450 | -\$2,315,884 | \$43,681 |
| Bond Interest Rate | 2.50% | January 1, 2025 | 8 | \$0.132 | 89% | \$621,110 | \$0.035 | \$0.042 | \$81,837 | \$197,456 | \$460,677 | \$0.106 | \$298,044 | \$161,557 | -\$1,855,207 | \$45,780 |
| General Inflation Rate | 2.00% | January 1, 2026 | 9 | \$0.138 | 83% | \$603,438 | \$0.041 | \$0.046 | \$76,432 | \$201,405 | \$456,150 | \$0.114 | \$298,044 | \$187,177 | -\$1,399,057 | \$47,980 |
| Electric Price Increase | 4.81% | January 1, 2027 | 10 | \$0.143 | 89% | \$669,300 | \$0.041 | \$0.044 | \$70,891 | \$205,433 | \$536,757 | \$0.108 | \$298,044 | \$190,282 | -\$862,299 | \$50,285 |
| Portion of Electric Bill kWh based | 87.0% | January 1, 2028 | 11 | \$0.150 | 89% | \$700,323 | \$0.040 | \$0.045 | \$65,212 | \$209,541 | \$561,100 | \$0.108 | \$298,044 | \$184,598 | -\$301,199 | \$52,702 |
| Average Project Results: | | January 1, 2029 | 12 | \$0.155 | 83% | \$680,922 | \$0.039 | \$0.049 | \$59,392 | \$213,732 | \$522,983 | \$0.117 | \$298,044 | \$178,815 | \$221,784 | \$55,234 |
| Electric Savings & RECs (\$/kWh) | \$0.181 | January 1, 2030 | 13 | \$0.162 | 89% | \$758,725 | \$0.038 | \$0.047 | \$53,425 | \$218,007 | \$607,421 | \$0.110 | \$298,044 | \$174,593 | \$829,205 | \$57,888 |
| Lifecycle Payback Period (years) | 9.3 | January 1, 2031 | 14 | \$0.167 | 89% | \$781,770 | \$0.036 | \$0.048 | \$47,310 | \$222,367 | \$622,337 | \$0.111 | \$298,044 | \$167,497 | \$1,451,542 | \$60,670 |
| Internal Rate of Return | 7.2% | January 1, 2032 | 15 | \$0.168 | 83% | \$735,897 | \$0.041 | \$0.052 | \$41,042 | \$226,814 | \$585,921 | \$0.120 | \$298,044 | \$190,272 | \$2,037,463 | \$63,585 |
| | | January 1, 2033 | 16 | \$0.171 | 89% | \$801,733 | \$0.039 | \$0.049 | \$34,616 | \$231,351 | \$651,649 | \$0.113 | \$298,044 | \$179,149 | \$2,689,112 | \$66,641 |
| | | January 1, 2034 | 17 | \$0.175 | 89% | \$820,480 | \$0.038 | \$0.050 | \$28,031 | \$235,978 | \$664,840 | \$0.114 | \$298,044 | \$174,796 | \$3,353,952 | \$69,843 |
| | | January 1, 2035 | 18 | \$0.180 | 83% | \$785,368 | \$0.038 | \$0.055 | \$21,280 | \$240,697 | \$617,128 | \$0.123 | \$298,044 | \$174,850 | \$3,971,080 | \$73,199 |
| | | January 1, 2036 | 19 | \$0.183 | 89% | \$859,103 | \$0.038 | \$0.052 | \$14,361 | \$245,511 | \$700,774 | \$0.116 | \$298,044 | \$174,850 | \$4,671,853 | \$76,716 |
| | | January 1, 2037 | 20 | \$0.187 | 89% | \$880,157 | \$0.038 | \$0.054 | \$7,269 | \$250,421 | \$720,123 | \$0.117 | \$298,044 | \$174,850 | \$5,391,976 | \$80,403 |
| | | Average | - | \$0.145 | 87.3% | \$667,783 | \$0.035 | \$0.046 | \$65,731 | \$208,832 | \$256,761 | \$0.111 | - | \$162,335 | - | |
| | | Sum | - | - | - | \$13,355,652 | - | - | \$1,314,622 | \$4,176,645 | \$5,391,976 | - | \$5,960,872 | \$3,246,691 | - | |

**Note: O&M savings from avoided boiler cleanouts is not included in this analysis

Summary of Results from above Spreadsheet

| Ranges of Financial Incentives | Min Incentive | Max Incenitve |
|--|---------------|---------------|
| National Grid Incentive | \$0 | \$743,750 |
| Renewable Energy Fund Commercial Grant | \$0 | \$350,000 |
| Regional Greenhouse Gas Initiave Grant | \$0 | \$200,000 |
| Clean Water Finance Agency Principal Forgiveness | \$0 | \$500,000 |
| Sum | \$0 | \$1,793,750 |
| Calculated Lifecycle Payback Period (years) | 13.5 | 9.3 |
| Breakeven Point (years) | 15.3 | 11.6 |
| Internal Rate of Return | 3.3% | 7.2% |

DIV 4-11. Concerning NBC's Field's Point Turbines:

- a. For each month of operation from inception through December 2022 show the kWh generation from each of the three Field's Point Turbines and the generation combined from all three of those turbines.
- b. What was the installed cost of each of the three Field's Point Turbines and the combined installed cost for those facilities?
- c. What is the amount of accumulated depreciation and the net book value of each of the three Field's Point Turbines and the combined amount of accumulated depreciation for those facilities as of December 31, 2023?
- d. How much depreciation is NBC recording each month for the Field's Point Turbines?
- e. For what periods to-date have the Field's Point Turbines not been operating due to blade repairs?
- f. For what periods are the Field's Point Turbines expected by NBC to not be operating due to blade repairs?
- g. How is NBC accounting for the cost of the blade repairs?
- h. What is the total amount that NBC expects to incur for the Field's Point Turbines blade repairs?
- Did NBC conduct a cost-benefit analysis prior to commencing with the construction or purchase of the Field's Point Turbines? If not, explain fully why not. If so, please identify and provide the cost-benefit analysis
- j. What was the expected life of the turbine blades in NBC's cost-benefit analysis for the Field's Point Turbines?
- k. Was there any manufacturer's warranty or insurance on the Field's Point Turbines that covered premature blade replacement or repairs or facility nonavailability due to the turbine not functioning as intended or for the turbines needing to be shut down for repairs? If not, explain fully why not. If so, please describe the manufacturer's warranty and any related insurance.

Response:

a. Please see attachment DIV 4-11 A which shows the kWh generation for each of the three Field's Point Turbines separately and combined. The kwh hours are shown by calendar month, since inception which different from the way finance reports the kWh hours generated. Finance tracks the kWh hours by the utilities billing period to align with the utility bills. The installed cost for the three Field's Point turbines is included in Project 12100C and was a total of \$14,758,502 million, this does not include Planning costs.

- b. The cost for the three Field's Point turbines is included in Project 12100C. NBC does not track the cost and depreciation by turbine. The total cost capitalized for Project 12100C Wind Turbines was \$14,758,502. The year-to-date depreciation is \$4,980,990.
- c. The depreciation recorded each month for Project 12100C Wind Turbines is \$61,493.
- d. There are many reasons beyond blade repairs that cause the turbines to experience downtime. In the response to 4-11a we have provided the monthly total hours of downtime along with some explanation on the cause of those downtimes.
 - 06/13/2017 through 06/26/2017 turbines were down for blade repair; total turbine hours of downtime 113 hours.
 - 05/30/2019 through 06/02/2019 turbines were down for blade repair; total turbine hours of downtime 116 hours.
- e. All work will be completed within 20 business days (roughly 4 weeks) and is subject to change based on weather.
- f. The cost of blade repairs is accounted for in NBC operating expense.
- g. Based on an initial draft Proposal, NBC may spend upwards of approximately \$161,500 (+/-) to repair the leading-edges of the Field's Point wind turbines. This price assumes that all work will be completed within 20 business days (roughly 4 weeks) and is subject to change based on weather conditions. Adverse weather conditions could potentially prolong the proposed construction activities and increase cost.
- h. See Attachment 4-11 i. for the cost-benefit analysis which was provided to the Division of Public Utilities And Carriers in Docket D-12-7.
- i. The useful life of properly maintained wind turbine blades is approximately 20 years. NBC used 20 years in the cost-benefit analysis of the Field's Point Turbines.
- j. Wind turbine blades are typically not covered under warranty as they are expected to experience wear and tear that is dependent on site-specific conditions. A good maintenance program on the blades will ensure they are operating at peak efficiency and will extend the useful life of the blades. NBC has an availability guarantee as part of our long-term service agreement with the manufacturer. The turbines are guaranteed to be available 95% of the time, although down-time due to things outside of the control of the manufacturer are not included (e.g. weather, grid failures, other equipment failures, etc.). NBC is compensated for lost revenue that would have been earned had the turbine achieved 95% availability.

Prepared by: Leah Foster, David Bowen and James Kelly

Div. 4-11 a.

| | | | | | Downtime | |
|--------------------------------------|--------------------|--------------------|--------------------|--------------------|------------|--|
| | FP A kWh | FP B kWh | FP C kWh | Sum kWh | (Turbine- | Notes |
| | | | | | Hours) | |
| November 1, 2012 | 90,000 | 100,000 | 99,000 | 289,000 | 0 | |
| December 1, 2012 | 163,000 | 142,000 | 182,000 | 487,000 | 0 | |
| January 1, 2013 February 1, 2013 | 243,000 156,000 | 203,000 182,000 | 221,000 185,000 | 667,000 523,000 | 12 290 | |
| March 1, 2013 | 249,000 | 299,000 | 318,000 | 866,000 | 63 | |
| April 1, 2013 | 264,000 | 266,000 | 261,000 | 791,000 | 6 | |
| May 1, 2013 | 173,000 | 199,000 | 193,000 | 565,000 | 22 | |
| June 1, 2013 | 162,000 | 175,000 | 121,000 | 458,000 | 33 | |
| July 1, 2013 | 124,000 | 119,000 | 131,000 | 374,000 | 6 | |
| August 1, 2013 September 1, 2013 | 110,000 123,000 | 104,000 130,000 | 109,000 120,000 | 323,000 373,000 | 3 | |
| October 1, 2013 | 133,347 | 127,241 | 144,686 | 405,274 | 29 | |
| November 1, 2013 | 212,016 | 202,669 | 233,839 | 648,524 | 17 | |
| December 1, 2013 | 152,512 | 140,673 | 171,621 | 464,807 | 63 | |
| January 1, 2014 | 251,175 | 263,439 | 286,814 | 801,428 | 14 | |
| February 1, 2014 March 1, 2014 | 201,527 286,095 | 168,379 | 216,193 306,407 | 586,100 | 191 14 | |
| April 1, 2014 | 263,016 | 279,642 306,380 | 285,607 | 872,144 855,002 | 0 | |
| May 1, 2014 | 203,287 | 215,351 | 209,349 | 627,987 | 0 | |
| June 1, 2014 | 128,263 | 147,208 | 139,524 | 414,995 | 0 | |
| July 1, 2014 | 156,248 | 189,752 | 180,352 | 526,351 | 73 | |
| August 1, 2014 | 127,710 | 127,486 | 127,454 | 382,650 | 13 | |
| September 1, 2014 October 1, 2014 | 114,813 251,442 | 125,800 242,452 | 124,675 249,170 | 365,288 743,064 | 64 85 | |
| November 1, 2014 | 251,946 | 230,582 | 264,110 | 746,638 | 45 | |
| December 1, 2014 | 200,000 | 198,000 | 221,000 | 619,000 | 0 | |
| January 1, 2015 | 321,000 | 302,000 | 310,000 | 933,000 | 46 | |
| February 1, 2015 | 269,000 | 285,000 | 300,000 | 854,000 | 4 | |
| March 1, 2015 | 270,000 | 248,000 269,000 | 272,000 284,000 | 790,000 | 5 | |
| April 1, 2015 May 1, 2015 | 271,000 198,000 | 219,000 | 205,000 | 824,000 622,000 | 154 | Converter controller exchange, 6 month service yaw brake replacement |
| June 1, 2015 | 161,000 | 169,000 | 150,000 | 480,000 | 24 | |
| July 1, 2015 | 114,000 | 112,000 | 112,000 | 338,000 | 51 | |
| August 1, 2015 | 133,000 | 130,000 | 127,000 | 390,000 | 9 | |
| September 1, 2015 | 132,000 | 140,000 | 135,000 | 407,000 | 110 | |
| October 1, 2015 November 1, 2015 | 165,000 173,065 | 160,000 184,567 | 182,000 188,962 | 507,000 546,594 | 545 217 | |
| December 1, 2015 | 160,524 | 154,103 | 166,076 | 480,703 | 63 | |
| January 1, 2016 | 292,469 | 282,293 | 310,014 | 884,776 | 27 | |
| February 1, 2016 | 271,924 | 261,707 | 273,601 | 807,233 | | IBGT fsult #9 |
| March 1, 2016 | 220,424 | 235,068 | 250,177 | 705,669 | 186 | |
| April 1, 2016 May 1, 2016 | 194,363 | 152,580 | 179,818 | 0 526,761 | | Warrantee Work Warrantee Work |
| June 1, 2016 | 222,457 | 211,832 | 201,455 | 635,745 | 43 | |
| July 1, 2016 | 153,408 | 144,304 | 151,759 | 449,472 | 4 | ····· |
| August 1, 2016 | 134,867 | 124,525 | 121,211 | 380,604 | | Scheduled Maintenance |
| September 1, 2016 | 157,821 | 166,244 | 155,262 | 479,327 | 66 | |
| October 1, 2016 | 197,684 | 169,929 | 224,153 | 591,766 | | PM |
| November 1, 2016 December 1, 2016 | 218,000 255,000 | 219,000 226,000 | 241,000 269,000 | 678,000 750,000 | 0 | |
| January 1, 2017 | 223,000 | 220,000 | 236,000 | 679,000 | 426 | Grid Issue, Replacing controller |
| February 1, 2017 | 260,000 | 225,000 | 271,000 | 756,000 | 82 | |
| March 1, 2017 | 402,000 | 375,000 | 413,000 | 1,190,000 | | Crane work, Circuit outage, Generator repair, Grid fault |
| April 1, 2017 | 156,000 | 184,000 | 243,000 | 583,000 | | Scheduled maintenance, Error pitch position sensor |
| May 1, 2017 June 1, 2017 | 220,000 183,000 | 219,000 191,000 | 208,000 189,000 | 647,000 563,000 | 71 | Installing Leading Edge Protection (blade repair). 6/13-6/26 |
| July 1, 2017 | 136,000 | 139,000 | 140,000 | 415,000 | 0 | instailing Leading Luge Protection (blade repair). 0/15-0/20 |
| August 1, 2017 | 129,000 | 129,000 | 127,000 | 385,000 | 5 | Crane work |
| September 1, 2017 | 214,000 | 229,000 | 223,000 | 666,000 | 16 | |
| October 1, 2017 | 207,035 | 214,490 | 202,303 | 623,828 | 0 | |
| November 1, 2017 | 230,486 | 223,608 | 244,448 | 698,542 | 0 | |
| December 1, 2017 January 1, 2018 | 167,478 289,439 | 158,558 305,248 | 215,520 352,516 | 541,555 947,203 | 165 | IGBT Over current converter, Card swap, Voltage adjustment |
| February 1, 2018 | 174,688 | 163,489 | 176,661 | 514,838 | 100 | |
| March 1, 2018 | 369,275 | 367,693 | 406,255 | 1,143,223 | 97 | |
| April 1, 2018 | 246,113 | 243,478 | 259,546 | 749,137 | 39 | |
| May 1, 2018 | 135,674 | 144,335 | 140,345 | 420,354 | 42 | |
| June 1, 2018 July 1, 2018 | 137,743 202,954 | 143,730 208,563 | 132,838 172,419 | 414,311 583,936 | 0 50 | |
| August 1, 2018 | 123,568 | 121,484 | 125,442 | 370,494 | 0 | |
| September 1, 2018 | 106,358 | 123,510 | 115,212 | 345,080 | 18 | |
| October 1, 2018 | 182,990 | 172,664 | 188,096 | 543,750 | 72 | |
| November 1, 2018 | 249,364 | 229,675 | 267,740 | 746,780 | 37 | |
| December 1, 2018 January 1, 2019 | 221,822 | 201,971 | 223,932 | 647,725 890,408 | 3 50 | |
| January 1, 2019 February 1, 2019 | 291,599 218,104 | 271,997 200,491 | 326,813 220,379 | 638,974 | 50 | |
| March 1, 2019 | 263,123 | 247,984 | 265,115 | 776,222 | 35 | |
| April 1, 2019 | 321,510 | 311,305 | 306,433 | 939,248 | 35 | |
| | | | | | | |

Div. 4-11 a.

| | | | | | Downtime | |
|-------------------|----------|----------|----------|-----------|-----------|--|
| | FP A kWh | FP B kWh | FP C kWh | Sum kWh | (Turbine- | Notes |
| | | | | | Hours) | |
| May 1, 2019 | 199,766 | 208,760 | 201,088 | 609,614 | , | Blade Repair 5/30, 5/31 |
| June 1, 2019 | 178,260 | 209,363 | 164,655 | 552,278 | | Blade Repair 6/01, 6/02 |
| July 1, 2019 | 119,464 | 141,570 | 103,396 | 364,430 | 47 | |
| August 1, 2019 | 129,395 | 158,622 | 118,665 | 406,682 | 0 | |
| September 1, 2019 | 133,116 | 132,774 | 132,585 | 398,475 | 0 | |
| October 1, 2019 | 235,108 | 248,530 | 245,788 | 729,426 | 39 | |
| November 1, 2019 | 250,673 | 244,091 | 272,286 | 767,051 | 0 | |
| December 1, 2019 | 218,332 | 206,398 | 232,190 | 656,919 | 127 | Icing |
| January 1, 2020 | 249,672 | 182,429 | 262,173 | 694,274 | | Replaced pitch limit switch |
| February 1, 2020 | 179,926 | 173,598 | 196,986 | 550,511 | 6 | |
| March 1, 2020 | 258,939 | 272,055 | 272,675 | 803,669 | 38 | |
| April 1, 2020 | 376,358 | 375,201 | 373,751 | 1,125,310 | 53 | |
| May 1, 2020 | 281,359 | 268,780 | 288,948 | 839,087 | 4 | |
| June 1, 2020 | 135,083 | 130,534 | 131,880 | 397,497 | 36 | |
| July 1, 2020 | 142,677 | 124,805 | 130,511 | 397,993 | 119 | Converter grid side voltage high |
| August 1, 2020 | 164,801 | 154,038 | 160,599 | 479,438 | 84 | |
| September 1, 2020 | 157,082 | 170,355 | 165,767 | 493,204 | 26 | |
| October 1, 2020 | 154,929 | 160,673 | 163,577 | 479,178 | 0 | |
| November 1, 2020 | 184,749 | 169,387 | 192,128 | 546,264 | 0 | |
| December 1, 2020 | 240,803 | 157,634 | 280,678 | 679,115 | 198 | Comm loss SCADA, IGBT chopper, IBGT#9 replaced |
| January 1, 2021 | 230,411 | 225,872 | 253,016 | 709,299 | 5 | |
| February 1, 2021 | 206,853 | 200,774 | 216,442 | 624,070 | 20 | |
| March 1, 2021 | 318,429 | 278,665 | 320,698 | 917,792 | 65 | |
| April 1, 2021 | 281,515 | 276,715 | 270,306 | 828,536 | 56 | |
| May 21, 2021 | 193,606 | 187,019 | 205,575 | 586,201 | 26 | |
| June 1, 2021 | 124,006 | 118,454 | 103,663 | 346,124 | 128 | IGBT#5 burnt circuit board |
| July 1, 2021 | 101,437 | 96,462 | 99,892 | 297,791 | 155 | IGBT#4 removed and installed in location 6 |
| August 1, 2021 | 108,611 | 89,653 | 104,212 | 302,477 | | IGBT 10, 8, 6, 4 replaced |
| September 1, 2021 | 160,644 | 143,510 | 157,053 | 461,207 | | Scheduled inspection, IGBT#7 replaced |
| October 1, 2021 | 146,770 | 108,247 | 138,862 | 393,879 | | Gen side capicitor fuse feedback loss |
| November 1, 2021 | 189,122 | 86,148 | 206,639 | 481,910 | | Gen side capicitor fuse feedback loss |
| December 1, 2021 | 213,652 | 180,580 | 220,849 | 615,080 | 89 | |
| January 1, 2022 | 306,917 | 280,296 | 325,848 | 913,061 | 48 | |
| February 1, 2022 | 223,905 | 221,848 | 227,799 | 673,552 | | Icing |
| March 1, 2022 | 251,274 | 253,224 | 284,580 | 789,078 | | , , , , |
| April 1, 2022 | 309,732 | 287,256 | 306,463 | 903,451 | 55 | |
| May 1, 2022 | 211,967 | 213,834 | 218,059 | 643,860 | 12 | |
| June 1, 2022 | 128,923 | 126,477 | 119,164 | 374,564 | 38 | |
| July 1, 2022 | 119,160 | 116,588 | 142,254 | 378,002 | 116 | Comm loss,Inspection |
| August 1, 2022 | 120,307 | 112,617 | 122,116 | 355,040 | 7 | |
| September 1, 2022 | 128,466 | 127,214 | 134,525 | 390,205 | 0 | |
| October 1, 2022 | 176,967 | 180,891 | 181,987 | 539,845 | 70 | |
| November 1, 2022 | 220,423 | 204,332 | 227,981 | 652,736 | 34 | |
| December 1, 2022 | 294,384 | 292,371 | 312,831 | 899,586 | 0 | |

Div. 4-11 i. Attachment

| Project Costs | |
|---|-------------------|
| Original proposal price (incl 2 yr service)** | \$ 11,653,311 |
| Adjusted price for 82 m blades, etc. | \$ 12,168,511 |
| Adder for delayed electric wotk on NBC side | \$ 600,000 |
| Adder for electric work on NG side | \$ 1,000,000 |
| Adder for replacing old transformer | not incl. |
| Subtotal | \$ 13,768,511 |
| SRF Loan Principle Forgiveness | \$ (1,300,000) |
| Final Total Project Cost to NBC | \$12,468,511 |
| | |

**includes 2 yr O&M and service subtotaling \$124,000

Other Costs***

| Continued O&M (\$/yr for all 3) | \$72,900 |
|---------------------------------|----------|
| O&M (\$/kWh produced) | \$0.010 |

*** Includes scheduled service, remote monitoring (not spare parts-evaluate during 2 yr warranty period)

| Total NBC FP Electric Rates (\$/kWh) | | | | | | | | |
|--------------------------------------|---------|--|--|--|--|--|--|--|
| 2007 | \$0.107 | | | | | | | |
| 2008 | \$0.107 | | | | | | | |
| 2009 | \$0.115 | | | | | | | |
| 2010 | \$0.113 | | | | | | | |
| 2011 | \$0.114 | | | | | | | |

| Fields Point 2011 Electric Use | | |
|--|---------------|--|
| Location | kWh/yr | |
| FP WWTF | 11,064,000 | |
| ESPS + TPS | 6,897,600 | |
| Total | 17,961,600 | |
| Estimate & Justification of Goldwind 82 Ca | pacity Factor | |
| CF (assummed and unadjusted) | 21.5% | |
| Array loss (estimated by Atlantic) st | 10.0% | |
| Availability Loss (factory) | 6.3% | |
| Capacity Factor (adjusted) | 18.0% | |
| Capacity Factor (Atlantic estimate) | 18.0% | |
| 2012 Projected Payback (subject to change) | | |
| Total Project Cost (2012) | \$12,468,511 | |
| Electric Production (kWh/yr) | 7,113,000 | |
| Percent of Facility Use | 40% | |
| Electric Savings Rate (kWh based 2011) | \$0.097 | |
| Estimated average REC per kWh | \$0.035 | |
| O&M Cost per kWh produced | \$0.010 | |
| Total Savings Rate per kWh | \$0.122 | |
| Simple Pay Back Period (years) | 14.4 | |

| From Gilbane Proposal: | | |
|------------------------|--------------------------------|--|
| Year | Guaranteed Vensys Availibility | |
| 1 | 82.5% | |
| 2 | 82.5% | |
| 3 | 95.0% | |
| 4 | 95.0% | |
| 5 | 95.0% | |
| 6 | 95.0% | |
| 7 | 95.0% | |
| 8 | 95.0% | |
| 9 | 95.0% | |
| 10 | 95.0% | |
| 11 | 95.0% | |
| 12 | 95.0% | |
| 13 | 95.0% | |
| 14 | 95.0% | |
| 15 | 95.0% | |
| 16 | 95.0% | |
| 17 | 95.0% | |
| 18 | 95.0% | |
| 19 | 95.0% | |
| 20 | 95.0% | |
| Average | 93.75% | |

| | | | Electricity Cost | REC Value | O&M Cost | Interest | Effective Cash | Production |
|-----------------------------------|--------------|--------------|---------------------|-----------|----------|-------------|--------------------|---------------|
| Production and Cost: | | Year | (\$/kWh) | (\$/kWh) | (\$/kWh) | Payment | Flow | Cost (\$/kWh) |
| Number of Turbines | 3 | 0 | | | | | -\$12,468,511 | |
| Rated Capacity (kW each) | 1,500 | 1 | \$0.101 | \$0.049 | \$0.010 | \$374,055 | \$613,646 | \$0.080 |
| Capacity Factor (adjusted) | 18.0% | 2 | \$0.104 | \$0.047 | \$0.011 | \$360,135 | \$639,274 | \$0.081 |
| Total Power Output (kWh/yr) | 7,113,000 | 3 | \$0.107 | \$0.046 | \$0.011 | \$345,796 | \$665,275 | \$0.083 |
| Total Project Cost to NBC | \$12,468,511 | 4 | \$0.111 | \$0.044 | \$0.011 | \$331,028 | \$691,659 | \$0.085 |
| Base Year Values: | | 5 | \$0.114 | \$0.043 | \$0.011 | \$315,816 | \$718,438 | \$0.087 |
| Electric Savings (2011 kWh-based) | \$0.097 | 6 | \$0.118 | \$0.041 | \$0.012 | \$300,148 | \$745,625 | \$0.088 |
| O&M Cost (\$/kWh produced) | \$0.010 | 7 | \$0.121 | \$0.040 | \$0.012 | \$284,010 | \$773,231 | \$0.090 |
| Estimated best REC Price (\$/kWh) | \$0.050 | 8 | \$0.124 | \$0.038 | \$0.012 | \$267,388 | \$801,270 | \$0.092 |
| Annual Values: | | 9 | \$0.128 | \$0.037 | \$0.012 | \$250,267 | \$829,754 | \$0.094 |
| Bond Interest Rate | 3.00% | 10 | \$0.131 | \$0.035 | \$0.013 | \$232,633 | \$858 <i>,</i> 698 | \$0.096 |
| General Inflation Rate | 2.50% | 11 | \$0.135 | \$0.034 | \$0.013 | \$214,470 | \$888,116 | \$0.097 |
| Annual Electric Cost Inflation | 3.50% | 12 | \$0.138 | \$0.032 | \$0.013 | \$195,761 | \$918,021 | \$0.099 |
| Estimated best REC Price at 20 yr | \$0.020 | 13 | \$0.141 | \$0.031 | \$0.014 | \$176,492 | \$948,430 | \$0.101 |
| Average Lifecycle Values: | (\$/kWh) | 14 | \$0.145 | \$0.029 | \$0.014 | \$156,644 | \$979,357 | \$0.103 |
| Grid Electricity Cost (kWh based) | \$0.13 | 15 | \$0.148 | \$0.028 | \$0.014 | \$136,201 | \$1,010,818 | \$0.105 |
| Turbine Electric Production Cost | \$0.10 | 16 | \$0.152 | \$0.026 | \$0.015 | \$115,145 | \$1,042,829 | \$0.107 |
| Rate of Savings | \$0.04 | 17 | \$0.155 | \$0.025 | \$0.015 | \$93,457 | \$1,075,408 | \$0.109 |
| Total Savings | \$5,158,969 | 18 | \$0.158 | \$0.023 | \$0.016 | \$71,118 | \$1,108,571 | \$0.110 |
| Actual Payback Period (years) | 14.1 | 19 | \$0.162 | \$0.022 | \$0.016 | \$48,109 | \$1,142,337 | \$0.112 |
| Internal Rate of Return | 3.2% | 20 | \$0.165 | \$0.020 | \$0.016 | \$24,410 | \$1,176,724 | \$0.114 |
| | | Avg or Total | \$0.133 | \$0.034 | \$0.013 | \$4,293,085 | \$17,627,480 | \$0.097 |

DIV 4-12. Sale of RECs:

- a. For each month of 2021, 2022 and 2023 to date, please identify the quantity (and type if applicable)¹ of all sales of RECs by NBC and identify and provide the amounts of REC sales proceeds.
- b. Also, identify and itemize any related costs related to sales of RECs by NBC, such as but not limited to broker fees and/or other REC sales transaction costs.
- c. Did NBC retire any RECs in 2021, 2022 and 2023 to date? If so, identify the quantities of RECs retired by NBC in each year.
- d. For FY 2023 and FY2024, does NBC plan to retire any RECs? If so, identify the quantities of RECs that NBC projects retiring in each fiscal year.

Response:

a.

| 2021 | | | | | | | | |
|--------|--------|--------|-----|------------|-----|-------------|--|--|
| Month | Source | RECs | Pri | ce per REC | Tot | al Proceeds | | |
| Jan-21 | Wind | 2,851 | \$ | 26.50 | \$ | 75,552 | | |
| Jan-21 | Wind | 822 | \$ | 18.00 | \$ | 14,796 | | |
| Jan-21 | Solar | 2,206 | \$ | 18.00 | \$ | 39,708 | | |
| Apr-21 | Wind | 865 | \$ | 18.00 | \$ | 15,570 | | |
| Apr-21 | Wind | 4,964 | \$ | 17.50 | \$ | 86,870 | | |
| Apr-21 | Solar | 1,095 | \$ | 17.50 | \$ | 19,163 | | |
| Jul-21 | Wind | 4,999 | \$ | 27.00 | \$ | 134,973 | | |
| Jul-21 | Wind | 1,488 | \$ | 22.00 | \$ | 32,736 | | |
| Jul-21 | Solar | 1,458 | \$ | 22.00 | \$ | 32,076 | | |
| Oct-21 | Wind | 3,891 | \$ | 27.00 | \$ | 105,057 | | |
| Oct-21 | Wind | 1,304 | \$ | 22.00 | \$ | 28,688 | | |
| Oct-21 | Solar | 2,381 | \$ | 22.00 | \$ | 52,382 | | |
| Tot | tal | 28,324 | - | | | 637,570 | | |

Narragansett Bay Commission Renewal Energy Credits (RECs)

¹ E.g., solar, wind, biogas, other.

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| Narragansett Bay Commission Renewal Energy Credits (RECs) | | | | | | | | | |
|--|--------|----------------|-----|------------|-----|-------------|--|--|--|
| 2022 | | | | | | | | | |
| Month | Source | RECs | Pri | ce per REC | Tot | al Proceeds | | | |
| Jan-22 | Wind | 2,349 | \$ | 27.00 | \$ | 63,423 | | | |
| Jan-22 | Wind | 757 | \$ | 22.00 | \$ | 16,654 | | | |
| Jan-22 | Solar | 1,963 | \$ | 22.00 | \$ | 43,186 | | | |
| Jan-22 | Biogas | 19 | \$ | 22.00 | \$ | 418 | | | |
| Apr-22 | Wind | 761 | \$ | 27.00 | \$ | 20,547 | | | |
| Apr-22 | Wind | 4,068 | \$ | 22.00 | \$ | 89,496 | | | |
| Apr-22 | Solar | 1,295 | \$ | 22.00 | \$ | 28,490 | | | |
| Apr-22 | Biogas | 1 | \$ | 22.00 | \$ | 22 | | | |
| Jul-22 | Wind | 5 <i>,</i> 912 | \$ | 22.50 | \$ | 133,020 | | | |
| Jul-22 | Solar | 1,417 | \$ | 22.50 | \$ | 31,883 | | | |
| Jul-22 | Biogas | 1 | \$ | 22.50 | \$ | 23 | | | |
| Oct-22 | Wind | 4,849 | \$ | 22.50 | \$ | 109,103 | | | |
| Oct-22 | Solar | 2,385 | \$ | 22.50 | \$ | 53,663 | | | |
| То | tal | 25,777 | - | | | 589,926 | | | |

| 2023 | | | | | | | | |
|--------|--------|----------------|------|-----------|-----|-------------|--|--|
| Month | Source | RECs | Pric | e per REC | Tot | al Proceeds | | |
| Jan-23 | Wind | 3 <i>,</i> 310 | \$ | 22.50 | \$ | 74,475 | | |
| Jan-23 | Solar | 644 | \$ | 21.50 | \$ | 13,846 | | |
| Jan-23 | Solar | 2,126 | \$ | 22.50 | \$ | 47,835 | | |
| То | tal | 6,080 | - | | | 136,156 | | |

- b. Below are the current costs related to sale of RECs.
 - Independent Meter Reading Services and Registering RECs for FP Turbines and Biogas Engine -\$5,750 per year.
 - Execute REC sales on NEPOOL GIS \$6,000 per year (covers all NBC's RECs).
- c. No.
- d. NBC does not intend to retire any RECs for FY 2023 or FY 2024.

Prepared by: James Kelly

DIV 4-13. Concerning NBC's electricity cost:

- a. Does NBC believe that the annual amount of its electricity costs is material to NBC's financial health? If not, explain fully why not.
- b. Does NBC believe that the annual amount of its electricity costs is subject to volatility that is beyond the ability of NBC's management to limit or control? If not, explain fully why not.
- c. If a cost is material, volatile, and beyond the ability of a utility's management to limit or control, does NBC believe that having an adjustor mechanism for fluctuations in that cost, such as potentially fluctuations in NBC's electricity cost for variations above or below the amount that is reflected in NBC's base rates, could be a prudent regulatory policy? If not, explain why not.
- d. Is NBC aware of any water or sewer utilities that have adjustor mechanisms to address fluctuations in their electricity or power costs? If so, please identify and explain NBC's knowledge in this regard.
- e. Does NBC believe that its financial health and stability could be improved prospectively by having an adjustor mechanism to address fluctuations in NBC's electricity or power costs? If not, explain fully why not.

Response:

- a. Yes.
- b. Yes.
- c. Yes. NBC believes that some type of mechanism to address fluctuations in electricity costs would be a prudent regulatory policy. It would allow NBC to avoid filing full rate cases to address fluctuating electricity costs.
- d. NBC is not aware of any water or sewer utilities that have an adjustor mechanism to address fluctuations in their electricity or power costs.
- e. Yes.

Prepared by: Karen Giebink

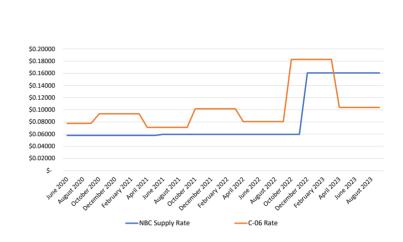
DIV 4-14. Refer to slide 33 from NBC's February 16, 2023 presentation. Please show in more detail by providing supporting calculations for each rate that is shown on the "Composite Rate / kWh" line, including the \$0.1767, the \$0.2268, the \$0.2721 and the \$0.1931 rates. Please include related Excel files showing calculations with your response.

Response: The composite rate equals the C-06 Rate plus the Delivery/Taxes/Customer Charges. The "Average" C-06 rate is a weighted average of C-06 rates in use during the 12 months of FY 2022 and the projected FY 2023. Please see below and Attachment DIV 4-14 for the excel version.

| | | | De | elivery/Taxes/ | | | | |
|-----------|----|-----------|----|----------------|-----------|---------|---------|-------------------|
| | | | | Customer | Composite | | | |
| Effective | C | C-06 Rate | | Charges | | Rate | | |
| Jul-21 | \$ | 0.07111 | \$ | 0.08798 | \$ | 0.15909 | 3 | Months |
| Oct-21 | \$ | 0.10174 | \$ | 0.08798 | \$ | 0.18972 | 6 | Months |
| Apr-22 | \$ | 0.08047 | \$ | 0.08798 | \$ | 0.16845 | 3 | Months |
| Average | \$ | 0.08877 | \$ | 0.08798 | \$ | 0.17675 | FY 2022 | Actual |
| Jul-22 | \$ | 0.08047 | \$ | 0.08929 | \$ | 0.16976 | 3 | Months |
| Oct-22 | \$ | 0.18279 | \$ | 0.08929 | \$ | 0.27208 | 6 | Months |
| Apr-23 | \$ | 0.10385 | \$ | 0.08929 | \$ | 0.19314 | 3 | Months |
| Average | \$ | 0.13748 | \$ | 0.08929 | \$ | 0.22677 | FY 2023 | Projected |
| Oct-22 | \$ | 0.18279 | \$ | 0.08929 | \$ | 0.27208 | Used fo | r Rate Case |
| Apr-23 | \$ | 0.10385 | \$ | 0.08929 | \$ | 0.19314 | FY 2024 | Updated C-06 Rate |

Prepared by: James Kelly

| Month | Year | | | NBC Supply Rate | C-06 Rate |
|-------------------|------|-----------------------------|----------|-----------------|-----------|
| June | 2020 | June 2020 | \$ | 0.05786 | 0.07764 |
| July | 2020 | July 2020 | \$ | 0.05786 | 0.07764 |
| August | 2020 | August 2020 | ŝ | 0.05786 | 0.07764 |
| September | 2020 | September 2020 | | 0.05786 | 0.07764 |
| October | 2020 | October 2020 | ې څ | 0.05786 | 0.09334 |
| November | 2020 | November 2020 | | 0.05786 | 0.09334 |
| December | 2020 | December 2020 | | 0.05786 | 0.09334 |
| January | 2020 | January 2021 | ې څ | 0.05786 | 0.09334 |
| | 2021 | | \$ \$ | 0.05786 | 0.09334 |
| February March | 2021 | February 2021 March 2021 | \$ \$ | 0.05786 | 0.09334 |
| | 2021 | April 2021 | \$ \$ | 0.05786 | 0.09334 |
| April | | | | | |
| May | 2021 | May 2021 | \$ | 0.05786 | 0.07111 |
| June | 2021 | June 2021 | \$ | 0.05956 | 0.07111 |
| July | 2021 | July 2021 | \$ | 0.05956 | 0.07111 |
| August | 2021 | August 2021 | \$ | 0.05956 | 0.07111 |
| September | 2021 | September 202: | | 0.05956 | 0.07111 |
| October | 2021 | October 2021 | \$ | 0.05956 | 0.10174 |
| November | 2021 | November 2021 | | 0.05956 | 0.10174 |
| December | 2021 | December 2021 | | 0.05956 | 0.10174 |
| January | 2022 | January 2022 | \$ | 0.05956 | 0.10174 |
| February | 2022 | February 2022 | \$ | 0.05956 | 0.10174 |
| March | 2022 | March 2022 | \$ | 0.05956 | 0.10174 |
| April | 2022 | April 2022 | \$ | 0.05956 | 0.08047 |
| May | 2022 | May 2022 | \$ | 0.05956 | 0.08047 |
| June | 2022 | June 2022 | \$ | 0.05956 | 0.08047 |
| July | 2022 | July 2022 | \$ | 0.05956 | 0.08047 |
| August | 2022 | August 2022 | \$ | 0.05956 | 0.08047 |
| September | 2022 | September 202: | | 0.05956 | 0.08047 |
| October | 2022 | October 2022 | \$ | 0.05956 | 0.18279 |
| November | 2022 | November 2022 | | 0.05956 | 0.18279 |
| December | 2022 | December 2022 | | 0.16060 | 0.18279 |
| January | 2023 | January 2023 | \$ | 0.16060 | 0.18279 |
| February | 2023 | February 2023 | \$ | 0.16060 | 0.18279 |
| March | 2023 | March 2023 | \$ | 0.16060 | 0.18279 |
| April | 2023 | April 2023 | \$ | 0.16060 | 0.10385 |
| May | 2023 | May 2023 | \$ | 0.16060 | 0.10385 |
| June | 2023 | June 2023 | \$ | 0.16060 | 0.10385 |
| July | 2023 | July 2023 | \$ | 0.16060 | 0.10385 |
| August | 2023 | August 2023 | \$ | 0.16060 | 0.10385 |
| September | 2023 | September 202: | | 0.16060 | 0.10385 |
| October | 2023 | October 2023 | \$ | 0.16060 | |
| November | 2023 | November 2023 | \$ | 0.16060 | |



Composite rate equals C-06 Rate plus Delivery/Taxes/Customer Charges. The "Average" C-06 rate is a weighted average of C-06 rates in use during the 12 months of FY 2022 and the projected FY 2023.

| | | De | elivery/Taxes/ | | | | |
|-----------|---------------|----|----------------|----|----------|----------|-------------------|
| | | | Customer | Сс | omposite | | |
| Effective | C-06 Rate | | Charges | | Rate | | |
| Jul-21 | \$ 0.07111 | \$ | 0.08798 | \$ | 0.15909 | 3 | Months |
| Oct-21 | \$ 0.10174 | \$ | 0.08798 | \$ | 0.18972 | 6 | Months |
| Apr-22 | \$ 0.08047 | \$ | 0.08798 | \$ | 0.16845 | 3 | Months |
| Average | \$ 0.08877 | \$ | 0.08798 | \$ | 0.17675 | FY 2022 | Actual |
| Jul-22 | \$ 0.08047 | \$ | 0.08929 | \$ | 0.16976 | 3 | Months |
| Oct-22 | \$ 0.18279 | \$ | 0.08929 | \$ | 0.27208 | 6 | Months |
| Apr-23 | \$ 0.10385 | \$ | 0.08929 | \$ | 0.19314 | 3 | Months |
| Average | \$ 0.13748 | \$ | 0.08929 | \$ | 0.22677 | FY 2023 | Projected |
| Oct-22 | \$ 0.18279 | \$ | 0.08929 | \$ | 0.27208 | Used for | r Rate Case |
| Apr-23 | \$ 0.10385 | \$ | 0.08929 | \$ | 0.19314 | FY 2024 | Updated C-06 Rate |

DIV 4-15. Refer to slides 32 and 33 from NBC's February 16, 2023 presentation.

- a. Identify and provide the source for the C-06 rate that NBC used on slide 32, particularly for the C-06 rates shown for December 2022 through August 2023.
- b. If the C-06 rate is higher than NBC's supply rate, how does that impact NBC's use of self-generated electricity? Explain fully.
- c. During periods when the C-06 rate is higher than NBC's supply rate, would NBC be better off purchasing power and not relying upon self-generated electricity? Explain fully.
- d. What is the source for the C-06 rates of \$0.18279 and \$0.10385 listed on slide 24?
- e. What C-06 rate is currently applicable to NBC?
- f. Based on the best available information currently available to NBC, what is NBC's current expectation for the C-06 rate for FY2024? Explain fully and provide related analysis supporting NBC's expectation.

Response:

a. The C-06 rates in place through 3/31/2023 are posted by RI Energy. Please see Attachment DIV 4-15 A LSR Rates. This listing can also be found here:

https://www.rienergy.com/media/ri-energy/pdfs/billing-and-payments/ri lrs rates table.pdf

The anticipated C-06 rate effective 4/1/2023 through 9/30/2023 was published as part of RI Energy's legal notice filing. Attachment DIV 4-15 A RI Energy.

b. The C-06 rate relative to the NBC's supply rate does not impact NBC's use of self-generated electricity. It does affect the economics of our use of self-generated electricity. Net Metering legislation impacts our use of self-generated electricity. This legislation allows NBC to self-generate 100% of the electricity used at various NBC facilities. The legislation further stipulates that if NBC self-generates more electricity than used, then the excess electricity is devalued. NBC has been careful to avoid excess generation, so full value for any net metered electricity is always received.

See the 3 cases below to fully explain the economics.

For remote net-metered generation facilities the value of the credits is called the Renewable net-meter credit (\$/kWh) which is defined as the sum of the Standard-offer

(fixed C-06), Distribution kilowatt-hour charge, Transmission kilowatt-hour charge, and Transition kilowatt-hour charge. NBC's composite rate is defined as the total cost on an electric bill divided by the kWh used. To simplify, the main drivers of these two rates, the C-06 supply rate and NBC's competitive supply rate, which are also the major drivers for change in the effective or composite rates. The impacts of how changes to these rates affect the final bill NBC pays to Rhode Island Energy are in the following table using the projected FY23 NBC composite rate of \$0.1916/kWh.

| | Amount of Electricity | | | |
|----------------------|-----------------------|---------------------|------------------|--|
| | Generated by Remote | | | |
| | • | Amount of | Dollars Chargod | |
| | Net-Metered | | Dollars Charged | |
| | Generation Sites | Electricity Used by | to the NBC by | |
| Case | (kWh) | the NBC (kWh) | Electric utility | |
| Case 0 – No | | | | |
| renewable energy | 0 | 5,219,207 | \$1,000,000 | |
| generated | | | | |
| Case 1 – renewable | | | | |
| generation credit is | F 210 207 | F 210 207 | ¢500.000 | |
| half NBC's | 5,219,207 | 5,219,207 | \$500,000 | |
| composite rate | | | | |
| Case 2 – renewable | | | | |
| generation credit is | F 210 207 | F 210 207 | ćo | |
| equal to NBC's | 5,219,207 | 5,219,207 | \$0 | |
| composite rate | | | | |
| Case 3 – renewable | | | | |
| generation credit is | E 210 207 | E 210 207 | \$F00.000 | |
| twice NBC's | 5,219,207 | 5,219,207 | -\$500,000 | |
| composite rate | | | | |

In Cases 1, 2, and 3 there is a reduction in what is owed to the electric utility when compared to Case 0 as a result of renewable generation credits. In Case 1, renewable generation rates are half the NBC composite rate, so the bill to the NBC is reduced by half. In Case 2, NBC's bill is \$0 because the renewable credits are equal to the composite rate. In Case 3, NBC would earn a net credit on the utility bill because the renewable credits exceed the composite rate charged. This analysis ignores the costs of generating the self-supplied energy, that will be explored in the response to 4-15 c.

c. There might be some situations where NBC would be better off purchasing electricity from

the grid than from self-supplied sources but the ratio of C-06 rate to NBC supply costs is not one of them. For the self-supplied energy obtained from our power purchase agreements it is always beneficial to NBC since the contract is structured such that the electrical costs to NBC are always at a 25% discount. For the self-supplied electricity generated by NBC-owned assets the only metric that matters is the cost to generate the electricity compared to the applicable rate (C-06 for remote sites and NBC composite rate for on-site generated)

- d. Please see response to 4-15 a above.
- e. 18.279 cents/kWh is the C-06 rate that will be in effect until 03/31/2023. Please see response to 4-15 a above for a reference.
- f. C-06 rates historically increase in October.

Prepared by: James Kelly

| Last Resort Service (LRS) Rates for All Customers* | | | | | | |
|--|---------------------------|---|--|--------------------------|------------------|--|
| | | Total Commodity | Charge (Cents / kWh) | | | |
| (Incl | udes Base LRS charge, LRS | Adjustment Factor, LRS Adm | nistrative Cost Factor, and Renewable | e Energy Standard Charge | 1 | |
| | inaludas Pasis Pasidantis | | ······ (A. CO) | | | |
| | | il (A-16), Residential Low Inco 5), General C&I (G-02), Street | ighting (S-05, S-06, S-10, S-14) | | | |
| | | | emand Rate (G-32), Electric Propulsion | n (X-1) | | |
| | Ť | | | | | |
| * Standard Offer Service Ter | minated December 31, 20 | 20 and Last Resort Service b | egan January 1, 2021 | | | |
| | RESIDENTIAL | COMMERCIAL | | COMMERCIAL | INDUSTRIAL | |
| Fixed Price Effective for Usage During the | FIXED | FIXED | Variable Price Effective for Usage During the Month | VARIABLE | VARIABLE | |
| Period of: | | | of: | | | |
| | PRICE | PRICE | | PRICE | PRICE | |
| | | | March, 2023 | 17.846 | 31.710 | |
| | | | February, 2023 | 19.246 | 40.887 | |
| 10/1/22 - 3/31/23 | 17.785 | 18.279 | January, 2023 December, 2022 | 19.357 18.743 | 40.727 39.974 | |
| | | | November, 2022 | 17.578 | 23.801 | |
| | | | October, 2022 | 16.863 | 14.397 | |
| | | | September, 2022 | 7.369 | 11.858 | |
| | | | August, 2022 | 7.689 7.791 | 13.160 13.241 | |
| 4/1/22 - 9/30/22 | 7.810 | 8.047 | July, 2022 June, 2022 | 7.487 | 8.187 | |
| | | | May, 2022 | 8.820 | 8.345 | |
| | | | April, 2022 | 9.368 | 9.804 | |
| | | | March, 2022 | 9.620 | 15.368 | |
| | | | February, 2022 | 11.402 | 22.843 | |
| 10/1/21 - 3/31/22 | 10.882 | 10.174 | January, 2022 December 2021 | 11.384 10.356 | 24.153 10.425 | |
| | | | December, 2021 November, 2021 | 10.356 9.491 | 10.425 | |
| | | | October, 2021 | 8.737 | 6.536 | |
| | | 1 | September, 2021 | 6.730 | 5.250 | |
| | | | August, 2021 | 6.846 | 5.429 | |
| 4/1/21 - 9/30/21 | 7.628 | 7.111 | July, 2021 | 6.982 | 5.557 | |
| | | | June, 2021 May 2021 | 6.726 | 5.144 | |
| | | | May, 2021 April, 2021 | 7.444 8.094 | 6.054 6.715 | |
| | | | March, 2021 | 8.930 | 8.526 | |
| 10/1/20 - 3/30/21 10.3 | | | February, 2021 | 11.145 | 10.264 | |
| | 10.370 | 9.334 | January, 2021 | 11.226 | 10.531 | |
| | | | December, 2020 | 9.552 | 8.736 | |
| | | | November, 2020 October, 2020 | 7.983 6.979 | 7.204 6.198 | |
| 4/1/20 - 9/30/20 8.299 | | | September, 2020 | 7.146 | 6.262 | |
| | | | August, 2020 | 7.380 | 6.308 | |
| | 8.299 | 7.764 | July, 2020 | 7.442 | 6.606 | |
| | | | June, 2020 | 7.076 | 6.998 | |
| | | | May, 2020 April, 2020 | 8.539 9.195 | 7.749 9.954 | |
| | | | March, 2020 | 9.492 | 9.818 | |
| | | | February, 2020 | 12.674 | 12.371 | |
| 10/1/19 - 3/31/20 | 10.957 | 10.248 | January, 2020 | 12.562 | 12.487 | |
| | | | December, 2019 November, 2019 | 10.464 8.402 | 9.985 8.327 | |
| | | | October, 2019 | 7.614 | 8.001 | |
| | | General C&I (G-02) | September, 2019 | 7.393 | 7.447 | |
| | | and Streetlighting | August, 2019 | 7.342 | 6.733 | |
| 4/1/19 - 9/30/19 | 9.240 | 8.290 | July, 2019 | 7.545 | 7.242 | |
| | | Small C&I (C-06) Only | June, 2019 May, 2019 | 7.310 9.885 | 7.296 10.139 | |
| | | 9.113 | April, 2019 | 9.885 | 11.430 | |
| | | General C&I (G-02) | March, 2019 | 11.077 | 10.246 | |
| | | and Streetlighting | February, 2019 | 14.496 | 14.430 | |
| 10/1/18 - 3/31/19 | 10.990 | 11.880 | January, 2019 | 14.012 | 14.919 | |
| | | Small C&I (C-06) Only | December, 2018 November, 2018 | 11.817 10.034 | 10.671 8.099 | |
| | | 10.990 | October, 2018 | 9.632 | 7.740 | |
| | | | September, 2018 | 8.453 | 6.917 | |
| | | | August, 2018 | 8.417 | 7.343 | |
| 4/1/18 - 9/30/18 | 8.486 | 8.190 | July, 2018 | 8.514 | 7.366 | |
| | | | June, 2018 May, 2018 | 8.450 7.301 | 6.774 5.396 | |
| | | | April, 2018 | 7.842 | 5.913 | |
| | | | March, 2018 | 8.827 | 7.567 | |
| | | | February, 2018 | 11.585 | 10.204 | |
| 10/1/17 - 3/31/18 | 9.515 | 9.350 | January, 2018 December, 2017 | 9 201 | 10.522 | |
| | | | December, 2017 November, 2017 | 9.201 7.802 | 8.011 6.046 | |
| | | | October, 2017 | 6.969 | 5.264 | |
| | | | September, 2017 | 6.461 | 5.926 | |
| | | | August, 2017 | 6.855 | 6.398 | |
| 4/1/17 - 9/30/17 | 6.228 | 6.156 | July, 2017 | 6.910 | 6.554 | |
| | | | June, 2017 May, 2017 | 6.640 4.512 | 5.514 4.336 | |
| | | | April, 2017 | 5.098 | 4.814 | |
| | | 1 | March, 2017 | 8.010 | 5.677 | |
| | | | February, 2017 | 10.483 | 8.345 | |
| 10/1/16 - 3/31/17 | 8.179 | 8.396 | January, 2017 December, 2016 | 10.722 | 8.474 | |
| 10, 1, 10 - 3, 31/1/ | | | December, 2016 November, 2016 | 8.287 6.703 | 6.416 4.626 | |
| | | | | 0.703 | 4.020 | |

| Fixed Price Effective Variable Price Effective | DUSTRIAL /ARIABLE PRICE 4.001 4.731 5.035 4.673 4.468 5.018 |
|---|---|
| Residential Customer Group - includes Basic Residential (A-16), Residential Low Income (A-60) Commercial Customer Group - includes Small C&I (C-06), General C&I (G-02), Streetlighting (S-05, S-06, S-10, S-14) Industrial Customer Group - includes Large Demand Back-up Service (B-32), Large Demand Rate (G-32), Electric Propulsion (X-1) * Standard Offer Service Terminated December 31, 2020 and Last Resort Service began January 1, 2021 Fixed Price Effective for Usage During the Period of: RESIDENTIAL COMMERCIAL Variable Price Effective for Usage During the Month of: VARIABLE V 4/1/16 - 9/30/16 8.679 8.364 September, 2016 6.165 1 | ARIABLE PRICE 4.001 4.731 5.035 4.673 4.468 5.018 |
| Commercial Customer Group - includes Small C&I (C-06), General C&I (G-02), Streetlighting (S-05, S-06, S-10, S-14) Industrial Customer Group - includes Large Demand Back-up Service (B-32),Large Demand Rate (G-32), Electric Propulsion (X-1) * Standard Offer Service Terminated December 31, 2020 and Last Resort Service began January 1, 2021 Fixed Price Effective FIXED FIXED FIXED FIXED FIXED FIXED Of: PRICE PRICE PRICE PRICE PRICE PRICE September, 2016 5.828 4/1/16 - 9/30/16 8.679 8.364 | ARIABLE PRICE 4.001 4.731 5.035 4.673 4.468 5.018 |
| Commercial Customer Group - includes Small C&I (C-06), General C&I (G-02), Streetlighting (S-05, S-06, S-10, S-14) Industrial Customer Group - includes Large Demand Back-up Service (B-32),Large Demand Rate (G-32), Electric Propulsion (X-1) * Standard Offer Service Terminated December 31, 2020 and Last Resort Service began January 1, 2021 Fixed Price Effective FIXED FIXED FIXED FIXED FIXED FIXED Of: PRICE PRICE PRICE PRICE PRICE PRICE September, 2016 5.828 4/1/16 - 9/30/16 8.679 8.364 | ARIABLE PRICE 4.001 4.731 5.035 4.673 4.468 5.018 |
| * Standard Offer Service Terminated December 31, 2020 and Last Resort Service began January 1, 2021 Fixed Price Effective for Usage During the Period of: PRICE PRICE PRICE PRICE September, 2016 5.828 4/1/16 - 9/30/16 8.679 8.364 COMMERCIAL Variable Price Effective for Usage During the Month 4/1/16 - 9/30/16 8.679 8.364 | ARIABLE PRICE 4.001 4.731 5.035 4.673 4.468 5.018 |
| Fixed Price Effective for Usage During the Period of: RESIDENTIAL FIXED COMMERCIAL FIXED Variable Price Effective for Usage During the Month of: COMMERCIAL VARIABLE IN PRICE PRICE <td>ARIABLE PRICE 4.001 4.731 5.035 4.673 4.468 5.018</td> | ARIABLE PRICE 4.001 4.731 5.035 4.673 4.468 5.018 |
| Fixed Price Effective for Usage During the Period of: RESIDENTIAL FIXED COMMERCIAL FIXED Variable Price Effective for Usage During the Month of: COMMERCIAL VARIABLE IN PRICE PRICE <td>ARIABLE PRICE 4.001 4.731 5.035 4.673 4.468 5.018</td> | ARIABLE PRICE 4.001 4.731 5.035 4.673 4.468 5.018 |
| Fixed Price Effective for Usage During the Period of: FIXED FIXED Variable Price Effective for Usage During the Month of: VARIABLE V PRICE PRICE PRICE PRICE PRICE PRICE PRICE 4/1/16 - 9/30/16 8.679 8.364 July, 2016 6.165 Image: Comparison of the compari | ARIABLE PRICE 4.001 4.731 5.035 4.673 4.468 5.018 |
| for Usage During the Period of: PRICE PRICE Of: PRICE 4/1/16 - 9/30/16 8.679 8.364 July, 2016 6.165 Iuly, 2016 6.584 | PRICE 4.001 4.731 5.035 4.673 4.468 5.018 |
| PRICE PRICE PRICE 4/1/16 - 9/30/16 8.679 8.364 July, 2016 6.165 | 4.001 4.731 5.035 4.673 4.468 5.018 |
| August, 2016 6.165 4/1/16 - 9/30/16 8.679 8.364 July, 2016 6.584 | 4.731 5.035 4.673 4.468 5.018 |
| 4/1/16 - 9/30/16 8.679 8.364 July, 2016 6.584 | 5.035 4.673 4.468 5.018 |
| 4/1/16 - 9/30/16 | 4.673 4.468 5.018 |
| 541C, 2010 0.554 | 4.468 5.018 |
| May, 2016 6.238 | |
| April, 2016 7.218 | |
| March, 2016 9.741 1/1/16 - 3/31/16 8.901 8.327 February, 2016 13.500 | 8.308 10.954 |
| ····· | 11.199 |
| | 10.542 |
| November, 2015 9.548 October, 2015 7.386 | 7.528 5.950 |
| September, 2015 7.230 | 5.798 |
| 4/1/15 - 12/31/15 10.405 8.985 August, 2015 7.876 | 6.419 |
| July, 2015 8.266 June, 2015 7.602 | 7.126 6.245 |
| May, 2015 6.343 | 5.461 |
| April, 2015 7.513 | 6.158 |
| | 12.585 20.868 |
| | 20.820 |
| | 14.585 |
| November, 2014 9.809 7/1/14 13/31/14 0.350 0.381 October, 2014 7.565 | 7.547 5.799 |
| 7/1/14 – 12/31/14 8.359 9.281 September, 2014 7.529 | 7.125 |
| August, 2014 8.609 | 8.054 |
| July, 2014 9.006 June, 2014 7.203 | 8.779 8.570 |
| 4/1/14 - 6/30/14 9.161 9.381 May, 2014 6.699 | 6.875 |
| April, 2014 7.157 | 8.494 |
| March, 2014 8.343 1/1/14 - 3/31/14 8.884 9.076 February, 2014 12.574 | 7.280 11.727 |
| | 11.959 |
| December, 2013 9.184 | 9.436 |
| November, 2013 7.468 October, 2013 6.826 | 5.824 4.956 |
| 7/1/13 – 12/31/13 7.079 7.462 September, 2013 6.614 | 5.938 |
| August, 2013 7.305 | 6.690 |
| July, 2013 7.496 June, 2013 6.295 | 7.014 6.102 |
| 4/1/13 - 6/30/13 7.327 7.241 May, 2013 6.063 | 5.297 |
| April, 2013 6.454 | 5.764 |
| March, 2013 6.626 1/1/13 - 3/31/13 7.188 7.086 February, 2013 8.402 | 6.208 8.335 |
| January, 2013 8.835 | 8.915 |
| December, 2012 7.099 | 6.052 |
| November, 2012 6.119 October, 2012 5.899 | 5.001 4.851 |
| 7/1/12 – 12/31/12 6.927 6.222 6.222 September, 2012 5.843 | 4.760 |
| August, 2012 6.212 | 4.700 |
| July, 2012 6.246 June, 2012 6.969 | 4.699 4.341 |
| 4/1/12 - 6/30/12 7.882 7.809 May, 2012 7.109 | 4.730 |
| April, 2012 7.195 | 4.788 |
| March, 2012 6.991 1/1/12 – 3/31/12 7.558 7.381 February, 2012 8.403 | 6.309 7.959 |
| January, 2012 8.673 | 8.573 |
| December, 2011 7.312 | 7.603 |
| November, 2011 6.978 October, 2011 6.878 | 6.373 6.088 |
| October, 2011 6.878 September, 2011 6.757 | 6.088 |
| 4/1/11 - 12/31/11 6.902 6.999 August, 2011 7.143 | 6.663 |
| July, 2011 7.089 June, 2011 6.700 | 6.495 6.250 |
| June, 2011 6.700 May, 2011 6.980 | 6.377 |
| April, 2011 7.144 | 6.370 |

Legal Notice of Rhode Island Energy's Filing of Div. 4-15 A RI Energy Residential and Commercial Retail Prices for the Period April 2023 through September 2023 and Industrial Retail Prices for the Period April 2023 through June 2023 R.I.P.U.C. Docket No. 23-01-EL

On January 19, 2023, The Narragansett Electric Company d/b/a Rhode Island Energy ("Company") filed with the Rhode Island Public Utilities Commission ("PUC") its Last Resort Service ("LRS") rates for the Residential and the Commercial Groups for the period April 2023 through September 2023, and LRS rates for the Industrial Group for the period April 2023 through June 2023. These prices were submitted pursuant to the Company's LRS Procurement Plan ("Plan"), which the PUC approved in Docket No. 4978 at an Open Meeting on July 23, 2020 and which was continued for this procurement through an Open Meeting on December 22, 2022 in Docket No. 22-02-EL. The Company's Plan is designed to procure energy supply to meet the requirements of LRS customers.

The proposed schedule of LRS rates is below. These rates include the currently-effective Last Resort Service Adjustment Factors, Last Resort Service Administrative Cost Factors, and the Renewable Energy Standard Charge. These additional rates took effect on April 1, 2022. New factors designed to recover or refund any over- or under-recoveries incurred in calendar year 2022 will be proposed in filings to be submitted in mid-February 2023, with a proposed effective date of April 1, 2023. As a result, the LRS rates listed below will change:

| Rate Class/Effective Date | Last Resort |
|--------------------------------------|----------------|
| | Service Rate |
| Residential Group (Rates A-16, A-60) | |
| April 2023 through September 2023 | 9.761¢ per kWh |

The impact on a typical residential customer using 500 kWh per month is a decrease of \$35.55 per month, or 24.0%.

Commercial Group (Rates C-06, G-02, S-05, S-06, S-10, S-14)

| Variable Price Option | |
|-----------------------|-----------------|
| April 2023: | 11.609¢ per kWh |
| May 2023: | 11.266¢ per kWh |
| June 2023: | 9.748¢ per kWh |
| July 2023: | 10.200¢ per kWh |
| August 2023: | 10.013¢ per kWh |
| September 2023: | 9.702¢ per kWh |
| Fixed Price Option | |

April 2023 through September 2023 10.385¢ per kWh

Note: The Fixed Price Option will be the customary option for customers served under rate C-06. The Variable Price Option will be customary option for customers served under rates G-02, S-05, S-06, S-10, and S-14.

Industrial Group (Rates B-32, G-32, and X-01)

| April 2023: | 12.831¢ per kWh |
|-------------|-----------------|
| May 2023: | 12.054¢ per kWh |
| June 2023: | 12.672¢ per kWh |

A copy of the filing is on file for examination at the Public Utilities Commission, 89 Jefferson Blvd., Warwick, Rhode Island or on the Commission's website at <u>https://ripuc.ri.gov/Docket-23-01-EL</u>. This notice is given pursuant to the provisions of R.I. Gen. Laws § 39-3-11.

Rhode Island Energy

CERTIFICATION

I hereby certify that on March 9, 2023, I sent a copy of the within to all parties set forth on the attached Service List by electronic mail and copies to Luly Massaro, Commission Clerk, by electronic mail and regular mail.

| Parties/Address | E-mail Distribution | Phone |
|---|--|--------------|
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| Pawtucket, RI 02861 Karen L. Giebink, Director of A&F Narragansett Bay Commission One Service Road Providence, RI 02905 David Fox, Raftelis Financial Consultants | Kgiebink@narrabay.com; gdegnan@narrabay.com; DFox@raftelis.com; | 401-461-8848 |
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| Original and nine (9) copies w/: Luly E. Massaro, Commission Clerk Public Utilities Commission 89 Jefferson Blvd. Warwick, RI 02888 | Luly.massaro@puc.ri.gov;Alan.nault@puc.ri.gov;John.Harrington@puc.ri.gov;Todd.bianco@puc.ri.gov;Christopher.Caramello@puc.ri.gov; | 401-780-2107 |

DOCKET 22-47-WW The Narragansett Bay Commission's Response To the Division of Public Utilities and Carriers Data Request Set 4

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