

INFORMATION SHEET

PRESIDING: Commissioner Floyd B. McKissick, Jr.

Commissioner ToNola D. Brown-Bland, Commissioner Karen M. Kemerait

PLACE: Dobbs Building, Raleigh, NC

DATE: Tuesday, August 9, 2022

TIME: 10:00 – 11:08 a.m.

DOCKET NO. G-5, Sub 642

COMPANY: Public Service Company of North Carolina

DESCRIPTION: Application of Public Service of North Carolina for Annual Review of Gas Costs Pursuant to N.C.G.S. 62-133.4(c) and Commission Rule R1-17(k)(6)

VOLUME NUMBER:

APPEARANCES

See Attached

WITNESSES

See Attached

EXHIBITS

See Attached

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**CONFIDENTIAL COPIES OF TRANSCRIPTS AND EXHIBITS ORDERED BY:**

REPORTED BY: Tonja Vines

TRANSCRIBED BY: Tonja Vines

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1 PLACE: Dobbs Building, Raleigh, North Carolina

2 DATE: Tuesday, August 9, 2022

3 TIME: 10:00 a.m. - 11:08 a.m.

4 DOCKET NO: G-5, Sub 642

5 BEFORE: Commissioner Floyd B. McKissick Jr., Presiding

6 Commissioner ToNola D. Brown-Bland

7 Commissioner Karen M. Kemerait

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10 **IN THE MATTER OF:**

11 Application of Public Service Company of  
12 North Carolina, Inc., for Annual Review of Gas Costs  
13 Pursuant to G.S. § 62-133.4(c) and Commission Rule  
14 R1-17(k) (6).

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NORTH CAROLINA UTILITIES COMMISSION

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NORTH CAROLINA UTILITIES COMMISSION  
APPEARANCE SLIP

DATE: Aug 9, 2022 DOCKET NO.: 6-5 Sub 642

ATTORNEY NAME and TITLE: \_\_\_\_\_

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CITY: Raleigh STATE: NC ZIP CODE: 27601

APPEARANCE ON BEHALF OF: PSNC

APPLICANT: ☒ \_\_\_\_\_ COMPLAINANT: \_\_\_\_\_ INTERVENOR: \_\_\_\_\_

PROTESTANT: \_\_\_\_\_ RESPONDENT: \_\_\_\_\_ DEFENDANT: \_\_\_\_\_

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NORTH CAROLINA UTILITIES COMMISSION  
APPEARANCE SLIP

DATE: Aug. 9, 2022 DOCKET NO.: G-5, Sub 642  
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APPEARANCE ON BEHALF OF: Haw River Assembly

APPLICANT: \_\_\_ COMPLAINANT: \_\_\_ INTERVENOR: ☒  
PROTESTANT: \_\_\_ RESPONDENT: \_\_\_ DEFENDANT: \_\_\_

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**PUBLIC SERVICE COMPANY OF NORTH CAROLINA, INC.**  
**ANNUAL REVIEW OF GAS COSTS**  
**DOCKET NO. G-5, SUB 642**

I/A

**HAW RIVER ASSEMBLY DATA REQUEST NO. 1**  
**July 12, 2022**

- 1-1. Please produce copies of all data requests and responses to those requests that have been served on PSNC in this docket. Please consider this an ongoing request.

Response

Data request responses, which include the questions propounded, are being provided with this response. Please note that any portion of a question deemed confidential by PSNC was identified as such when the response was provided.

- 1-2. With respect to Creel Exhibit 1 on page 1 of Schedule 3, please provide in excel format the specific reservation fees by contract by month (for each contract listed under "COMMODITY COSTS INCURRED" down to but not including the listing entitled "Transco Cash Out" and what were the daily contract quantities by month by each such contract which comprise the total of "Reservation Fees" listed on the same Creel Exhibit 1 page 1 of Schedule 3.

Response

See attached Response 1-2.

- 1-3. For each contract listed on lines 1 through 21 on Creel Exhibit 1 Schedule 2 please provide in excel format (in the same layout as in Creel Exhibit 1 Schedule 2) the scheduled quantity billed to PSNC by "Gas Flow Month".

Response

See attached Response 1-3.

- 1-4. For each contract listed on Creel Exhibit 1 page 1 of Schedule 10, please provide in excel format by "Gas Flow Month" the scheduled quantity(ies) by pipeline(s). For instance, where the monthly quantity flowed on only 1 pipeline, list the pipeline; and, where the quantity flowed on more than 1 pipeline, list the pipelines and the respective monthly quantity for each pipeline.

Response

See attached Response 1-4.

- 1-5. For the Cary Energy Center LNG facility, please provide in excel format by day for the Gas Flow period March 2021 through February 2022 the quantity in Dth vaporized from the facility (include boil-off).

- f. The hourly sales in Dth by PSNC to non-firm commercial and/or industrial customers in the aggregate by territory (i.e., western, central or eastern) for these three days.

Response

The maximum consecutive three-day daily demand served occurred on February 5-7, 2022. The highest demand (887,085 dts) occurred on February 5, 2022; the second highest was on February 6, 2022 (838,381 dts); and the third on February 7, 2022 (747,158 dts).

- a. See attached Response 1-17a.
  - b. PSNC had boil-off during these three days but did not vaporize gas from the Cary Energy Center LNG facility.
  - c. See attached Response 1-17c.
  - d. See attached Response 1-17d.
  - e. PSNC does not make sales to electric generation facilities.
  - f. PSNC does not make hourly sales to non-firm commercial or industrial customers.
- 1-18. Please identify any costs incurred by PSNC to date under its contracts with MVP and or Southgate.
- a. In this regard, please identify any costs identified immediately above that PSNC seeks recovery of in this case.
  - b. In this regard, is PSNC intending to recover from PSNC ratepayers in any future case(s) costs identified immediately above?

Response

PSNC has not incurred any costs under its contracts with MVP or Southgate.

- 1-19. As described on Jackson Direct Ex. 1, PSNC has made use of "Short-Term Peaking Service" to meet design-day requirements in recent years, yet PSNC lists no such short-term peaking service from the 2023-24 season forward:
- a. Why does PSNC assume that it will not continue to rely on short-term peaking service in the next several years?
  - b. Has PSNC explored the possibility of entering into a series of contracts for short-term peaking service that extend out for some number of years, with each year covering a proportional share that is needed to meet projected design-day requirements?

Response

- a. The overall demand for natural gas supply continues to grow in the Southeast. Interstate pipeline capacity to serve such demand has been

significantly delayed or cancelled due to ongoing litigation. Due to increased competition for peaking services with limited options to serve, the Company's options for peaking services have decreased while the cost of such services has increased. Accordingly, it would not be prudent to assume these services will be available.

- b. PSNC has held informal discussions with various suppliers regarding long-term peaking services. Suppliers were not interested in discussing a term longer than two years or indicated that the cost would be extremely high.

1-20. With regard to Jackson Direct, page 15, In 10:14, and PSNC's plans to construct a new LNG facility with up to 200,000 dts/day of withdrawal capacity for approximately 10 days:

- a. In the event that both the MVP Southgate and the proposed new LNG facility were both placed into service, and PSNC retained all of the capacity listed for the 2026-27 winter season on Jackson Direct Ex. 1, in what year would that additional 450,000 dts/day of capacity meet, but not exceed, projected design-day requirements?
- b. Has PSNC modeled or considered the potential of the new proposed LNG facility along with short-term peaking contracts to meet projected design-day requirements without the firm transportation capacity represented by MVP Southgate?
- c. For example, if PSNC had the ability to contract for short-term peaking service of 61,000 dts (as projected for 2022-23) in addition to 200,000 dts in new LNG storage, that would represent a surplus of approximately 122,500 dts in the 2026-27 winter season above the design-day requirements; in this scenario, where PSNC retained the ability to obtain short-term peaking services in addition to the 200,000 dts of new LNG capacity, how many years would PSNC have sufficient capacity to meet design day beyond the 2026-27 season without MVP Southgate?
- d. Has PSNC modeled the costs for meeting design-day requirements with the new proposed LNG facility compared to gas on MVP Southgate, considering an apples-to-apples comparison that considers the costs of gas on MVP Southgate for meeting design-day requirements? If so, please provide that cost comparison. If not, how does PSNC evaluate the costs of different strategies for meeting design-day requirements?

#### Response

- a. PSNC has not projected its capacity needs beyond the 2030 timeframe.
- b. No, as stated in the response to question 1-19, the Company is concerned about the availability and cost of short-term peaking contracts in the future.
- c. The 61,000 dts of short-term peaking has a term of one winter season, and may not be available for future winter seasons, therefore, it should not be included in PSNC's assets beyond the 2022-23 winter season. Based on

the estimated in-service date of the new proposed LNG facility during the winter of 2026-27, the Company would have an estimated reserve margin of approximately 62,000 dts, or 6.5%. Additional capacity would be needed by 2030.

- d. PSNC has not performed an apples-to-apples comparison of the new proposed LNG facility and flowing gas on MVP Southgate. Such a comparison cannot be done because the options provide two different levels of service. The new proposed LNG facility will provide a 10-day peaking option while the MVP Southgate capacity will provide year-round service. Additionally, the commodity cost of gas supply obtained through MVP Southgate is projected to be lower than gulf coast gas supply.

Jackson Direct Exhibit 1

**DESIGN-DAY DEMAND REQUIREMENTS (IN DTS) AND AVAILABLE ASSETS (IN DTS)  
FOR WINTER SEASONS FROM 2021-22 THROUGH 2026-27**

		(1) 2021-22	(2) 2022-23	(3) 2023-24	(4) 2024-25	(5) 2025-26	(6) 2026-27
<b>Contracted Capacity*</b>							
Transco	FT	390,743	390,743	390,743	390,743	390,743	390,743
Eastern Gas**	FT	7,286	7,275	7,275	7,275	7,275	7,275
Subtotal		398,029	398,018	398,018	398,018	398,018	398,018
<b>Seasonal Capacity</b>							
Transco	Storage	33,218	33,218	33,218	33,218	33,218	33,218
Eastern Gas**	Storage	61,066	61,148	61,148	61,148	61,148	61,148
Columbia Gas**	Storage	35,116	35,063	35,063	35,063	35,063	35,063
East Tennessee/Saltville**	Storage	48,778	48,861	48,861	48,861	48,861	48,861
Subtotal		178,178	178,290	178,290	178,290	178,290	178,290
<b>Peaking Capacity</b>							
Transco	LGA	5,175	5,175	5,175	5,175	5,175	5,175
Pine Needle**	LNG	102,858	102,703	102,703	102,703	102,703	102,703
Cary Energy Center	LNG	100,000	100,000	100,000	100,000	100,000	100,000
Cove Point**	LNG	24,845	24,808	24,808	24,808	24,808	24,808
Short-Term Peaking Service	LNG	55,000	61,000	-	-	-	-
Subtotal		287,878	293,686	293,686	293,686	293,686	293,686
<b>Total</b>		864,085	869,993	808,993	808,993	808,993	808,993
<b>Design-Day Requirements</b>		860,815	874,220	891,966	910,073	928,548	947,397
<b>Surplus (Shortage)</b>		3,270	(4,227)	(82,973)	(101,080)	(119,555)	(138,404)
<b>Reserve Margin</b>		0.38%	(0.48%)	(9.30%)	(11.11%)	(12.88%)	(14.61%)

\* Does not include MVP capacity contracted for but not in service.

\*\* Adjusted to reflect changes in Transco fuel retainage.

Jackson Direct Exhibit 2

**INFORMATION PURSUANT TO ORDER REQUIRING REPORTING  
ISSUED IN DOCKET NO. G-100, SUB 91**

1. **Please describe any changes in the Company's customer mix or customer market profiles that it forecasts for the next ten (10) years and explain how the changes will impact the Company's gas supply, transportation, and storage requirements.**

No significant changes are expected.

2. **Please identify the rate schedules and special contracts that the Company uses to determine its peak day demand requirements for planning purposes. Please explain the rationale and basis for each rate schedule or special contract included in the determination of peak day demand requirements.**

The Company's demand forecast methodology utilizes actual daily measured volumes to determine its peak-day demand requirements for planning purposes. The Company initially considers total daily throughput, which includes all rate schedules, and then deducts daily transportation volumes (Rate Schedules 175 and 180) and interruptible sales volumes (Rate Schedule 150).

3. **Please provide the base load requirements estimated for the review period and forecasted for each of the next five (5) years.**

For the review period, PSNC's estimated winter base load requirements were approximately 83,000 dekatherms per day. PSNC's forecasted winter base load requirement includes an average annual increase of approximately 2% for the next five years.

4. **Please provide the one-day design peak demand requirements used by the Company for planning purposes for the review period and forecasted for each of the next five (5) winter seasons. The peak demand requirement amounts should set forth the estimated demand for each rate schedule or priority with peak day demand. All assumptions, such as heating degree-days, dekatherms per heating degree-day, customer growth rates, and supporting calculations used to determine the peak day requirement amounts should be provided.**

Design-day requirements are set forth on Jackson Direct Exhibit 1. A statistical modeling program is used to calculate the projected design-day demand of the Company's firm sales customers in the aggregate. The model is developed through ordinary least squares regression analysis of historical throughput data, after subtracting transportation volumes and interruptible sales volumes. Once the model is developed, peak-day demand is estimated using historical weather and a 50 heating degree-day on a 60-degree Fahrenheit base. An adder percentage is then

## Jackson Direct Exhibit 2

applied to reflect the extra amount of throughput used on a historically cold day when all gas heating appliances in a home may be operating at maximum capacity.

5. **Please explain how the Company determines which type of resource should be acquired or developed for meeting the Company's deliverability needs, and describe the factors evaluated in deciding whether the Company should acquire pipeline transportation capacity, acquire a storage service, or develop additional on-system storage deliverability.**

Resource acquisition depends on several factors. These primarily include: (1) whether the need is year-round, seasonal, or peaking in nature; (2) availability of the resource; (3) operational flexibility requirements; and (4) the relative costs of service.

6. **Please describe how the Company determines the amount of pipeline capacity that should be acquired for (a) the whole year, (b) the full winter season, and (c) less than the full winter season. Also, please describe the factors evaluated in determining the appropriate amount and mix of service period options.**

The Company maintains a level and mix that ensures its firm system requirements and operational flexibility requirements are satisfied. The Company plans for sufficient capacity to be available on a design day, while seeking to avoid underutilization of capacity. The Company continually monitors historical usage and expected requirements. Before acquiring additional capacity, the Company evaluates whether a year-round or seasonal service period is appropriate and will seek either to increase demand on an existing contract or to secure a new contract. The type of service acquired depends on availability, economics, and satisfaction of operational flexibility requirements.

7. **Please describe each new capacity and storage opportunity that the Company is contemplating entering into during the next five (5) year period.**

The Direct Testimony of Rose M. Jackson at pages 12 through 15 provides an update of the capacity opportunities that the Company contemplated.

8. **Please provide a computation of the reserve or excess capacity estimated for the review period and forecasted for each of the next five (5) years.**

The requested information is set forth on Jackson Direct Exhibit 1.

9. **Please describe any significant storage, transmission, and distribution upgrades required for the Company to fulfill its peak day requirements during the next five (5) years.**

See Jackson Direct Exhibit 2 Attachment which is confidential and therefore being filed under seal.

Jackson Direct Exhibit 2

- 10. In determining which type of resource should be required, what steps, if any, did the Company take during the review period to seek out service agreements from competitive suppliers pursuant to the provisions of G.S. 62-36B?**

See the response to Question 7 above.

Jackson Direct Exhibit 3

**PROCEEDINGS BEFORE THE FEDERAL ENERGY REGULATORY COMMISSION  
IN WHICH PSNC INTERVENED FROM APRIL 2021 THROUGH MARCH 2022**

<b>Date</b>	<b>Pipeline</b>	<b>Docket No.</b>	<b>Docket Description</b>	<b>Company Position</b>
4/12/21	Pine Needle LNG Company, LLC	RP21-681-000	On March 31, 2021, Pine Needle made its annual fuel retention percentage and electric power rate filing.	
4/12/21	Transcontinental Gas Pipe Line Company, LLC	RP21-686-000	On March 31, 2021, Transco filed to revise tariff provisions that set forth the reservation charge credits due customers under storage Rate Schedules GSS, S-2, LG-A, and LNG for the interruption or reduction of firm contract storage service.	Intervention.
4/12/21	Columbia Gas Transmission, LLC	RP21-687-000	On March 31, 2021, Columbia Gas made its semiannual filing to adjust the operational transaction rate adjustment surcharge for the upcoming summer season.	Intervention.
4/12/21	East Tennessee Natural Gas, LLC	RP21-697-000	On March 31, 2021, East Tennessee submitted its cashout report for the twelve months ended October 31, 2020.	Intervention.
4/27/21	East Tennessee Natural Gas, LLC	RP21-746-000	On April 22, 2021, East Tennessee requested an extension of time to submit the annual fuel filing required under its tariff.	Intervention.

## Jackson Direct Exhibit 3

<b>Date</b>	<b>Pipeline</b>	<b>Docket No.</b>	<b>Docket Description</b>	<b>Company Position</b>
7/29/21	Transcontinental Gas Pipe Line Company, LLC	RP21-974-000	On July 19, 2021, Transco filed to revise the service options available under Rate Schedule FT service agreements to make available additional capacity during the shoulder months of November and March.	Intervention.
8/9/21	Columbia Gas Transmission, LLC	CP21-479-000	On July 27, 2021, Columbia Gas filed an advance notification regarding the replacement of natural gas compressor facilities at its Eagle Compressor Station located in Chester County, Pennsylvania.	Intervention.
8/9/21	Transcontinental Gas Pipe Line Company, LLC	RP21-988-000	On July 29, 2021, Transco filed a report of its flow-through to Rate Schedule GSS and Rate Schedule LSS customers of a refund received from Eastern Gas.	Intervention.
8/9/21	Cove Point LNG, LP	RP21-993-000	On July 30, 2021, Cove Point filed its annual report of operational sales and purchases of gas.	Intervention.
9/10/21	Transcontinental Gas Pipe Line Company, LLC	RP21-1062-000	On August 31, 2021, Transco filed two negotiated rate service agreements under Rate Schedule FT that contain non-conforming language.	Intervention.
9/10/21	Cove Point LNG, LP	RP21-1064-000	On August 31, 2021, Cove Point filed its annual revenue crediting report.	Intervention.

## Jackson Direct Exhibit 3

<b>Date</b>	<b>Pipeline</b>	<b>Docket No.</b>	<b>Docket Description</b>	<b>Company Position</b>
9/10/21	Transcontinental Gas Pipe Line Company, LLC	RP21-1078-000	On August 31, 2021, Transco filed revised tariff records to track rate changes resulting from an increase in the Annual Charge Adjustment for storage services purchased from National Fuel, Dominion Transmission, and Texas Eastern.	Intervention.
9/20/21	Cove Point LNG, LP	RP21-1108-000	On September 13, 2021, Cove Point filed to suspend its Pleasant Valley Interconnect pass-through rate.	Intervention.
10/6/21	Transcontinental Gas Pipe Line Company, LLC	RP21-1171-000	On September 29, 2021, Transco filed its annual cash-out report.	Intervention.
10/12/21	Eastern Gas Transmission and Storage, Inc.	RP21-1187-000	On September 30, 2021, Eastern Gas filed a general rate case under Section 4 of the Natural Gas Act.	Intervention and protest on grounds that Eastern Gas had not demonstrated its proposed rate increases were just and reasonable, the magnitude of the proposed rate increases compels a thorough examination of all elements of the filing, and several other specific proposals in the filing require additional examination before they can be found just and reasonable.

## Jackson Direct Exhibit 3

<b>Date</b>	<b>Pipeline</b>	<b>Docket No.</b>	<b>Docket Description</b>	<b>Company Position</b>
10/12/21 10/21/21	Transcontinental Gas Pipe Line Company, LLC	RP21-1143-000	On September 21, 2021, Transco filed a petition for issuance of a declaratory order granting authorization to charge market-based rates for natural gas storage services performed at its Washington Storage field.	Intervention.  Request for summary rejection and protest on grounds that (1) the petition is inconsistent with shippers' right of first refusal under Transco's tariff and FERC regulations and with the settlement in Transco's most recent rate case, (2) Transco failed to meet its burden to demonstrate that it lacks market power, and (3) customers should be afforded the unilateral option to exercise their base gas repurchase rights and the proposal should be limited to new customers.
11/9/21	Transcontinental Gas Pipe Line Company, LLC	RP22-94-000	On October 28, 2021, Transco filed its annual penalty sharing report.	Intervention.
11/10/21	Columbia Gas Transmission, LLC	RP22-110-000	On October 28, 2021, Columbia Gas made its semiannual filing to adjust the operational transaction rate adjustment surcharge for the upcoming winter season.	Intervention.

## Jackson Direct Exhibit 3

<b>Date</b>	<b>Pipeline</b>	<b>Docket No.</b>	<b>Docket Description</b>	<b>Company Position</b>
11/10/21	Transcontinental Gas Pipe Line Company, LLC	RP22-137-000	On October 29, 2021, Transco filed revised tariff records to implement Zones 4 and 5 pooling changes described in the settlement agreement approved by FERC in Docket Nos. RP20-614-000 and RP20-618-000 on July 30, 2021.	Intervention.
11/12/21	Transcontinental Gas Pipe Line Company, LLC	RP22-84-000	On October 26, 2021, Transco filed revised tariff records to track rate changes attributable to storage services purchased from Eastern Gas and from National Fuel.	Intervention.
11/23/21	Transcontinental Gas Pipe Line Company, LLC	RP22-323-000	On November 15, 2021, Transco filed revised tariff records to track the fuel retention percentage attributable to storage service purchased from Eastern Gas.	Intervention.
1/11/22	Transcontinental Gas Pipe Line Company, LLC	RP22-441-000	On December 30, 2021, Transco made its annual true-up surcharge filing for quantities subject to cash-out.	Intervention.
1/11/22	Columbia Gas Transmission, LLC	RP22-449-000	On December 30, 2021, Columbia Gas filed its annual penalty revenue crediting report.	Intervention.
3/11/22	Columbia Gas Transmission, LLC	RP22-630-000	On March 1, 2022, Columbia Gas made its annual electric power cost adjustment filing.	Intervention.

## Jackson Direct Exhibit 3

<b>Date</b>	<b>Pipeline</b>	<b>Docket No.</b>	<b>Docket Description</b>	<b>Company Position</b>
3/11/22	Columbia Gas Transmission, LLC	RP22-631-000	On March 1, 2022, Columbia Gas made its annual transportation cost rate adjustment filing.	Intervention.
3/11/22	Columbia Gas Transmission, LLC	RP22-633-000	On March 1, 2022, Columbia Gas made its annual fuel retainage adjustment filing.	Intervention.
3/11/22	Transcontinental Gas Pipe Line Company, LLC	RP22-663-000	On March 1, 2022, Transco made its annual fuel tracker filing to update fuel retention percentages.	Intervention.

**Public Service Company of North Carolina, Inc.**  
**Docket No. G-5, Sub 642**  
**Annual Review of Gas Costs**  
**For the Twelve Months Ended March 31, 2022**  
**Filing Requirements**

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Creel Direct Exhibit 1

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Sch. 1	Summary of Cost of Gas Expense
Sch. 2	Summary of Demand and Storage Costs
Sch. 3	Summary of Commodity Gas Costs
Sch. 4	Summary of Other Cost of Gas Charges (Credits)
Sch. 5	Summary of Demand and Storage Rate Changes
Sch. 6	Summary of Demand and Storage Capacity Level Changes
Sch. 7	Summary of Demand and Storage Costs Incurred Versus Collected
Sch. 8	Summary of Deferred Account Activity-Sales Customers Only Account
Sch. 9	Summary of Deferred Account Activity- All Customers Account
Sch. 10	Summary of Gas Supply

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Creel Direct Exhibit 2

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Hedging Deferred Account Activity

Public Service Company of North Carolina, Inc.  
Docket No. G-5, Sub 642  
**Summary of Cost of Gas Expense**  
For the Twelve Months Ended March 31, 2022  
Schedule 1

	Gas Flow Month	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	
	Reporting Month	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Total
	Item													
1	Demand & Storage Costs Expensed (Sch 2)	\$11,348,155	\$9,168,200	\$9,409,770	\$9,171,981	\$9,408,867	\$9,396,944	\$9,161,282	\$9,621,764	\$9,914,969	\$10,088,564	\$10,087,366	\$9,322,041	\$116,099,905
2	Commodity Costs Expensed (Sch 3)	\$15,118,449	\$8,634,369	\$5,924,233	\$4,752,315	\$5,449,719	\$6,208,016	\$7,798,526	\$12,916,722	\$37,040,244	\$29,551,489	\$51,499,391	\$40,440,396	\$225,333,870
3	Other Gas Costs Expensed (Sch 4)	(\$15,224,922)	(\$7,973,992)	(\$15,292,841)	(\$6,910,920)	(\$8,616,900)	(\$9,217,129)	(\$7,968,730)	\$28,264,803	(\$4,200,179)	\$60,921,839	(\$3,461,976)	(\$49,329,803)	(\$39,010,750)
4	Total Cost of Gas Expensed	\$11,241,682	\$9,828,577	\$41,163	\$7,013,376	\$6,241,687	\$6,387,831	\$8,991,079	\$50,803,289	\$42,755,034	\$100,561,892	\$58,124,782	\$432,634	\$302,423,025

Public Service Company of North Carolina, Inc.  
Docket No. G-5, Sub 642  
Summary of Demand and Storage Charges  
For the Twelve Months Ended March 31, 2022  
Schedule 2

	Gas Flow Month	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	
	Reporting Month	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Total
	<b>DEMAND &amp; STORAGE COSTS:</b>													
1	Transco FT Reservation - 1002264	31,681	30,612	31,633	30,612	31,633	31,633	30,612	31,633	30,612	31,633	31,633	28,571	372,498
2	Transco FT Reservation - 1003703	2,297,018	2,219,517	2,293,501	2,219,517	2,293,501	2,293,501	2,219,517	2,293,501	2,219,517	2,293,501	2,293,501	2,071,549	27,007,644
3	Transco FT Reservation - 1004996										110,289	110,289	99,616	320,194
4	Transco FT Reservation - 1006505	23,717	22,915	23,678	22,915	23,678	23,678	22,915	23,678	22,915	23,678	23,678	21,387	278,833
5	Transco Southern Expansion - 1004190	418,908								404,864	464,843	464,843	419,859	2,173,317
6	Transco FT Momentum - 9103562	169,105	163,260	168,702	163,260	168,702	168,702	163,260	168,702	163,260	168,702	168,702	152,376	1,986,733
7	Transco FT Reservation - 9130053	163,074	157,554	162,806	157,554	162,806	162,806	157,554	162,806	157,554	162,806	162,806	147,051	1,917,179
8	Transco FT Reservation - 1012381/1012387	20,544	19,856	20,518	19,856	20,518	20,518	19,856	20,518	19,856	20,518	20,518	18,533	241,612
9	Transco Southeast Expansion - 1012028	528,141	510,435	527,449	510,435	527,449	527,449	510,435	527,449	510,435	527,449	527,449	476,406	6,210,980
10	Transco Southeast Trail Project - 9223476	1,201,151	1,161,234	1,199,942	1,161,234	1,199,942	1,199,942	1,161,234	1,199,942	1,161,234	1,199,942	1,199,942	1,083,818	14,129,556
11	Transco FT Reservation - 9178381	1,720,965	1,663,470	1,718,919	1,663,470	1,718,919	1,718,919	1,663,470	1,718,919	1,663,470	1,718,919	1,718,919	1,552,572	20,240,931
12	Eastern Gas Transmission	323,415	199,573	199,573	199,573	199,573	199,573	199,573	199,573	322,004	322,004	322,004	322,004	3,008,443
13	Texas Eastern FT Reservation	46,944	46,944	46,944	46,944	46,944	46,944	46,944	46,944	46,944	46,944	46,944	46,944	563,328
14	Texas Gas Transmission FT Reservation	46,447	44,949	46,447	44,949	46,447	46,447	44,949	46,447	44,949	46,447	46,447	41,952	546,880
15	East Tennessee Patriot Expansion (Enbridge)	545,150	545,150	545,150	545,150	545,150	417,500	417,500	417,500	417,500	417,500	417,500	417,500	5,648,250
16	Columbia Gas Transmission FT Reservation	445,327	223,735	224,866	224,866	224,866	224,866	224,866	449,744	449,744	334,728	334,728	334,728	3,697,063
17	Cove Point LNG FTS Reservation	14,078	14,078	14,078	14,078	14,078	14,078	14,078	14,078	14,078	14,078	14,078	14,078	168,930
18	Cardinal	473,705	458,560	473,845	458,560	473,845	473,845	458,560	473,845	458,560	473,845	473,845	427,989	5,579,002
19	City of Monroe	2,939	2,882	3,375	2,272	2,473	2,575	3,598	2,516	5,604	2,951	1,753	2,131	35,067
20	Piedmont Redelivery Agreement	760	760	760	760	760	760	760	760	760	760	760	760	9,120
21	Firm Backhaul Capacity on Transco	148,800												148,800
22	GSS Demand and Capacity	144,547	139,814	144,475	139,814	144,475	144,475	139,814	144,475	139,705	144,361	144,361	130,391	1,700,706
23	WSS Demand and Capacity	56,875	55,040	56,875	55,040	56,875	56,875	55,040	56,875	55,040	56,875	56,875	51,371	669,655
24	LGA Demand and Capacity	32,496	31,448	32,496	31,448	32,496	32,496	31,448	32,496	31,448	32,496	32,496	29,351	382,611
25	ESS Demand and Capacity	93,563	90,545	93,563	90,545	93,563	93,563	90,545	93,563	90,545	93,563	93,563	84,508	1,101,625
26	Eminence Demand and Capacity	95,118	92,050	95,118	92,050	95,118	95,118	92,050	95,118	92,050	95,118	95,118	85,913	1,119,937
27	Columbia Demand and Capacity	345,506	345,506	345,506	345,506	345,506	345,506	345,506	345,506	345,506	229,819	229,819	229,819	3,799,007
28	Cove Point LNG FPS Reservation	82,378	82,378	82,378	82,378	82,378	82,378	82,378	82,378	82,378	82,378	82,378	82,378	988,530
29	DTI-GSS Demand and Capacity	173,203	173,203	173,203	173,203	173,203	173,203	173,203	173,203	172,821	172,821	172,821	172,821	2,076,910
30	Pine Needle	243,910	236,042	247,279	239,303	247,279	247,279	239,303	247,279	239,303	247,279	247,279	223,349	2,904,884
31	Saltville Demand and Capacity	286,692	286,692	286,692	286,692	286,692	286,692	286,692	286,692	286,692	286,692	286,692	286,692	3,440,304
32	Tioga LNG FT Reservation	1,172,000	150,000	150,000	150,000	150,000	265,625	265,625	265,625	265,625	265,625	265,625	265,625	3,631,375
33	<b>TOTAL DEMAND &amp; STORAGE COSTS EXPENSED</b>	\$11,348,155	\$9,168,200	\$9,409,770	\$9,171,981	\$9,408,867	\$9,396,944	\$9,161,282	\$9,621,764	\$9,914,969	\$10,088,564	\$10,087,366	\$9,322,041	\$116,099,905

**Public Service Company of North Carolina, Inc.**  
**Docket No. G-5, Sub 642**  
**Summary of Commodity Gas Cost**  
**For the Twelve Months Ended March 31, 2022**  
**Schedule 3**

Gas Flow Month	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	
Reporting Month	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Total
<b>COMMODITY COSTS INCURRED</b>													
Contract # 64	0	0	143,125	0	0	0	0	0	727,625	186,625	1,676,125	1,250,000	3,983,500
Contract # 114	25,320	0	0	0	0	0	0	0	0	0	0	0	25,320
Contract # 46	2,815,921	815,821	537,319	943,257	1,176,928	1,327,425	1,544,029	2,095,688	4,398,369	4,118,552	2,799,355	4,235,689	26,808,351
Contract # 74	1,007,834	38,588	100,550	0	0	0	0	0	1,741,675	2,647,250	2,878,355	1,944,650	10,358,902
Contract # 1	2,162,518	3,965,600	3,740,902	3,417,816	4,744,582	5,005,260	5,744,132	7,323,891	4,238,428	5,234,792	5,980,566	6,513,417	58,071,904
Contract # 111	1,211,952	2,136,505	2,260,828	2,040,875	2,452,438	3,908,255	655,875	5,785,900	4,300,912	2,150,878	3,719,973	2,657,270	33,281,660
Contract # 130	0	0	0	0	0	0	0	0	696,388	352,713	1,644,413	1,112,740	3,806,253
Contract # 86	890,475	0	0	0	0	0	0	0	0	0	0	0	890,475
Contract # 125	890,475	0	0	0	0	0	0	0	0	0	0	0	890,475
Contract # 129	0	0	0	0	0	0	0	0	6,299,923	3,535,792	4,783,153	4,953,999	19,572,867
Contract # 128	0	0	0	0	0	0	47,200	0	0	0	0	0	47,200
Contract # 34	934,375	1,760,193	590,175	323,063	0	479,485	1,304,000	3,242,568	4,165,621	809,113	3,839,967	3,815,200	21,263,758
Contract # 78	0	0	0	215,900	0	82,441	0	0	0	0	0	0	298,341
Contract # T26	143	64	35	44	60	34	39	137	781	496	635	829	3,298
Contract # 123	147,400	0	867,513	1,523,616	1,364,808	122,813	2,306,306	1,062,729	813,308	639,756	2,038,203	680,153	11,566,604
Contract # 49	1,384,475	0	0	0	0	0	0	0	1,151,363	246,200	3,033,788	640,800	6,456,625
Contract # 9	341,120	1,568,575	271,238	0	0	0	0	0	0	0	500,675	0	2,681,608
Contract # 124	0	0	0	0	0	0	1,492,900	0	0	0	0	0	1,492,900
Contract # 121	0	0	0	0	0	0	0	0	0	0	0	1,333,210	1,333,210
Contract # 54	2,491,150	0	0	0	0	0	0	0	7,367,925	4,171,925	6,780,800	5,484,488	26,296,287
Contract # 127	0	0	0	0	0	0	0	0	0	0	193,658	131,330	324,987
Contract # 126	0	24,505	28,563	28,268	35,323	39,305	40,995	55,160	0	0	0	0	252,119
Contract # 131	0	0	0	0	0	0	0	0	98,300	1,375,225	4,741,360	3,077,551	9,292,436
Transco Cash Out	0	0	0	0	0	0	0	0	(1,620)	0	(2,363)	(2,999)	(6,982)
Monroe Cash Out	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation Pooling Cash Out	78,241	(19,209)	78,082	(28,738)	(14,132)	(184,659)	(213,379)	(156,958)	(261,028)	246,756	301,622	(385,953)	(559,356)
Miscellaneous Charges (a)	0	0	0	0	6,902	0	0	0	0	13,780	12,379	0	33,062
Secondary Market Transactions:													
Contract # 46	0	(378,375)	(172,800)	(767,000)	(902,500)	(565,600)	(1,268,025)	(232,800)	0	0	0	0	(4,287,100)
Contract # 129	0	0	0	0	0	0	0	0	0	0	(858,900)	(58,050)	(916,950)
Contract # 54	0	0	0	0	0	0	0	0	0	0	0	(176,850)	(176,850)
Bundled Sales	0	0	0	0	0	0	0	0	(1,897,609)	0	0	0	(1,897,609)
Facilities Damages	0	(14,291)	(1,835)	(6,287)	(14,538)	(10,000)	(6,639)	11,634	(29,660)	(3,591)	(17,119)	(9,551)	(101,878)
Reservation Fees	206,932	72,561	74,980	72,561	74,980	74,980	72,561	74,980	474,325	490,135	490,135	442,703	2,621,832
Pipeline Transportation Charges	175,866	160,004	101,044	80,923	78,945	85,133	84,443	103,269	169,287	179,255	362,176	230,143	1,810,488
Withdrawal/Injection Fees	52,060	142,180	138,689	44,694	42,200	42,534	38,522	58,099	66,423	52,765	120,018	59,529	857,713
<b>TOTAL COMMODITY COSTS INCURRED</b>	<b>14,816,257</b>	<b>10,272,720</b>	<b>8,758,406</b>	<b>7,888,993</b>	<b>9,045,995</b>	<b>10,407,405</b>	<b>11,842,957</b>	<b>19,424,296</b>	<b>34,520,732</b>	<b>26,448,417</b>	<b>45,018,972</b>	<b>37,930,298</b>	<b>236,375,449</b>

Public Service Company of North Carolina, Inc.  
Docket No. G-5, Sub 642  
Summary of Commodity Gas Cost  
For the Twelve Months Ended March 31, 2022  
Schedule 3

Gas Flow Month	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	
Reporting Month	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Total
<b>STORAGE INJECTIONS</b>													
Columbia Storage	0	(686,326)	(727,242)	(794,848)	(950,956)	(1,047,293)	(1,216,196)	(1,532,556)	0	0	0	0	(6,955,416)
Cove Point LNG	0	(16,764)	(18,356)	(19,415)	(24,002)	(26,434)	(29,709)	(38,275)	0	0	0	0	(172,955)
DTI GSS	0	(689,659)	(730,706)	(798,776)	(955,485)	(1,052,282)	(1,222,294)	(1,540,112)	0	0	0	0	(6,989,314)
Transco Eminence	(311,400)	(89,421)	(100,080)	(99,416)	(65,766)	(38,036)	(126,176)	(251,413)	(426,936)	(455,908)	(328,500)	(173,708)	(2,466,759)
Transco ESS	(233,451)	(67,198)	0	(33,188)	0	(126,749)	(294,935)	(549,227)	(174,108)	(35,088)	(198,938)	(163,326)	(1,876,209)
Transco GSS	(377,209)	(317,420)	(576,195)	(753,839)	(826,297)	(897,138)	(317,352)	(221,285)	(265,543)	(308,631)	(432,988)	(264,952)	(5,558,848)
Transco LGA	0	0	0	0	0	0	0	0	0	0	0	0	0
LNG	(13,719)	(269,813)	(323,563)	(15,267)	(15,258)	(15,078)	(14,744)	(14,301)	(20,586)	0	(38,000)	(13,081)	(753,408)
Pine Needle	(236,066)	(335,920)	(184,567)	(14,409)	(17,239)	(35,901)	0	(361,157)	(55,740)	(70,976)	(219,736)	(191,101)	(1,722,811)
Saltville	(209,495)	(249,935)	0	0	0	0	0	(1,642,764)	(299,951)	(373,019)	(952,031)	(896,744)	(4,623,939)
Transco WSS	(174,303)	(141,952)	(335,450)	(729,860)	(864,060)	(1,040,187)	(1,037,334)	(778,340)	(445,133)	(318,021)	(277,228)	(138,448)	(6,280,316)
<b>TOTAL STORAGE INJECTIONS</b>	<b>(1,555,643)</b>	<b>(2,864,409)</b>	<b>(2,996,158)</b>	<b>(3,259,018)</b>	<b>(3,719,062)</b>	<b>(4,279,098)</b>	<b>(4,258,740)</b>	<b>(6,929,430)</b>	<b>(1,687,996)</b>	<b>(1,561,642)</b>	<b>(2,447,420)</b>	<b>(1,841,361)</b>	<b>(37,399,976)</b>
<b>STORAGE WITHDRAWALS</b>													
Columbia Storage	592,289	0	0	0	0	0	0	0	729,991	325,464	2,410,750	867,559	4,926,052
Cove Point LNG	0	0	0	0	0	0	0	0	0	0	101,700	0	101,700
DTI GSS	462,819	0	0	0	0	0	0	0	481,134	1,196,051	2,207,869	313,200	4,661,072
Transco Eminence	115,981	315,616	0	21,597	36,719	0	0	163,870	195,370	605,380	619,613	386,216	2,460,361
Transco ESS	164,670	0	0	22,652	0	0	124,897	175,747	13,735	53,411	321,657	160,616	1,037,385
Transco GSS	176,000	306,240	77,282	2	0	0	15,764	360	1,077,470	780,367	771,684	512,642	3,717,813
Transco LGA	0	0	0	0	0	0	0	0	0	0	0	0	0
LNG	110,337	36,613	32,866	78,089	86,068	79,709	73,648	81,878	80,787	105,507	339,600	89,636	1,194,736
Pine Needle	0	93,783	0	0	0	0	0	0	304,650	20,442	305,627	43,196	767,697
Saltville	0	184,800	0	0	0	0	0	0	651,736	968,300	903,000	862,000	3,569,836
Transco WSS	235,740	289,007	51,838	0	0	0	0	0	672,636	609,792	946,339	1,116,395	3,921,745
<b>TOTAL STORAGE WITHDRAWALS</b>	<b>1,857,835</b>	<b>1,226,058</b>	<b>161,986</b>	<b>122,340</b>	<b>122,787</b>	<b>79,709</b>	<b>214,309</b>	<b>421,856</b>	<b>4,207,508</b>	<b>4,664,714</b>	<b>8,927,839</b>	<b>4,351,458</b>	<b>26,358,398</b>
<b>TOTAL COMMODITY COSTS EXPENSED</b>	<b>\$15,118,449</b>	<b>\$8,634,369</b>	<b>\$5,924,233</b>	<b>\$4,752,315</b>	<b>\$5,449,719</b>	<b>\$6,208,016</b>	<b>\$7,798,526</b>	<b>\$12,916,722</b>	<b>\$37,040,244</b>	<b>\$29,551,489</b>	<b>\$51,499,391</b>	<b>\$40,440,396</b>	<b>\$225,333,870</b>

(a) W Va &amp; Mississippi property taxes

**Public Service Company of North Carolina, Inc.**  
**Docket No. G-5, Sub 642**  
**Summary of Other Cost of Gas Charges (Credits)**  
**For the Twelve Months Ended March 31, 2022**  
**Schedule 4**

	<b>Gas Flow Month</b>	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	
	<b>Reporting Month</b>	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Total
	<b>Item</b>													
1	Unbilled Deliveries													
	Deferred Account Activity:													
2	Sales Customers Only	(235,578)	(319,714)	(1,328,481)	(1,813,638)	(1,243,156)	(4,030,324)	(2,541,681)	(9,352,188)	6,538,600	10,843,383	3,266,391	(5,387,449)	(5,603,836)
3	All-Customers	(5,606,440)	(6,854,328)	(9,699,633)	(7,796,603)	(7,701,656)	(6,832,248)	(6,792,812)	721,957	1,635,859	11,283,959	5,524,754	(7,409,873)	(39,527,063)
4	Miscellaneous charges (a)	(577,849)	1,448,857	(2,927,896)	947,854	521,421	223,710	(4,361,755)	12,294,998	(4,425,872)	17,098,539	(1,089,060)	(21,480,296)	(2,327,349)
	Demand and Storage Costs:													
5	Reverse prior month estimate	(11,347,395)	(9,168,082)	(9,409,712)	(9,171,981)	(9,408,775)	(9,396,735)	(9,160,059)	(9,621,764)	(9,912,035)	(10,087,440)	(10,085,613)	(9,319,910)	(116,089,501)
6	Current month estimate	9,168,082	9,409,712	9,171,981	9,408,775	9,396,735	9,160,059	9,621,764	9,912,035	10,087,440	10,085,613	9,319,910	9,928,840	114,670,947
	Commodity Costs:													
7	Reverse prior month estimate	(15,077,923)	(8,452,181)	(5,961,743)	(4,862,644)	(6,377,317)	(6,195,848)	(7,854,257)	(13,120,072)	(37,429,837)	(29,305,665)	(51,003,449)	(40,605,091)	(226,246,028)
8	Current month estimate	8,452,181	5,961,743	4,862,644	6,377,317	6,195,848	7,854,257	13,120,072	37,429,837	29,305,665	51,003,449	40,605,091	24,943,976	236,112,080
9	<b>TOTAL OTHER COST OF GAS</b>	<b>(\$15,224,922)</b>	<b>(\$7,973,992)</b>	<b>(\$15,292,841)</b>	<b>(\$6,910,920)</b>	<b>(\$8,616,900)</b>	<b>(\$9,217,129)</b>	<b>(\$7,968,730)</b>	<b>\$28,264,803</b>	<b>(\$4,200,179)</b>	<b>\$60,921,839</b>	<b>(\$3,461,976)</b>	<b>(\$49,329,803)</b>	<b>(\$39,010,750)</b>

## (a) Miscellaneous charges:

IMT Deferral	(223,009)	(216,867)	(917,542)	(393,885)	(460,286)	(474,842)	(843,311)	22,564	69,638	0	0	602,185	(2,835,353)
CUT Deferral	(1,405,709)	862,702	(2,134,767)	826,358	508,051	177,725	(4,107,313)	10,226,692	(6,388,593)	13,279,041	(3,780,861)	(22,856,459)	(14,793,134)
CUT Increment/(Decrement)	1,075,673	814,570	130,926	521,807	480,091	528,942	614,543	2,084,691	1,960,025	3,899,227	2,771,443	836,796	15,718,734
High Efficiency Discount Rate	(24,804)	(11,549)	(6,513)	(6,426)	(6,435)	(8,116)	(25,674)	(38,949)	(66,942)	(79,729)	(79,643)	(62,818)	(417,596)
	<b>(\$577,849)</b>	<b>\$1,448,857</b>	<b>(\$2,927,896)</b>	<b>\$947,854</b>	<b>\$521,421</b>	<b>\$223,710</b>	<b>(\$4,361,755)</b>	<b>\$12,294,998</b>	<b>(\$4,425,872)</b>	<b>\$17,098,539</b>	<b>(\$1,089,060)</b>	<b>(\$21,480,296)</b>	<b>(\$2,327,349)</b>

**Public Service Company of North Carolina, Inc.**  
**Docket No. G-5, Sub 642**  
**Summary of Demand and Storage Rate Changes**  
**For the Twelve Months Ended March 31, 2022**  
**Schedule 5**

Effective Date of Change	FERC Docket Number(s)	Description of Service	New Rate	Old Rate	Increase / (Decrease)	North Carolina Utilities Commission Effective Date	Docket Number	Order Date
04/01/21	RP21-00565-000	Columbia Gas Transmission SST Demand Chg	\$12.66400	\$12.60300	\$0.06100			
05/01/21	RP21-00687-000	Columbia Gas Transmission SST Demand Chg	\$12.72800	\$12.66400	\$0.06400			
12/01/21	RP22-00339-000	Columbia Gas Transmission SST Demand Chg	\$9.47300	\$12.72800	(\$3.25500)			
12/01/21	RP20-01060-007	Columbia Gas Transmission FSS - Reservation Charge	\$2.48100	\$3.73000	(\$1.24900)			
12/01/21		Columbia Gas Transmission FSS - Capacity Charge	\$0.04470	\$0.06720	(\$0.02250)			
08/01/21	RP20-00980-005	East Tennessee Natural Gas FT-A Patriot	\$8.35000	\$10.90300	(\$2.55300)			
11/01/21	RP21-1160-000	Eastern Gas Transmission FTNN	\$4.15530	\$4.17410	(\$0.01880)			
11/01/21		Eastern Gas Transmission GSS Demand	\$1.86550	\$1.87160	(\$0.00610)			
05/01/21	RP21-00681-000	Pine Needle LNG-1 Demand Charge	\$0.07707	\$0.07602	\$0.00105			
04/01/21	RP21-579-000	Transco FT Reservation Charge - Zone 1 to Zone 5	\$0.48232	\$0.48308	(\$0.00076)			
04/01/21		Transco FT Reservation Charge - Zone 2 to Zone 5	\$0.46885	\$0.46959	(\$0.00074)			
04/01/21		Transco FT Reservation Charge - Zone 3 to Zone 5	\$0.43362	\$0.43427	(\$0.00065)			
04/01/21		Transco FT Reservation Charge - Zone 4 to Zone 5	\$0.38126	\$0.38176	(\$0.00050)			
04/01/21		Transco FT Reservation Charge - Zone 2 to Zone 6	\$0.54595	\$0.54685	(\$0.00090)			
04/01/21		Transco FT Reservation Charge - Zone 3 to Zone 6	\$0.51072	\$0.51153	(\$0.00081)			
04/01/21		Transco FT Reservation Charge - Zone 6 to Zone 6	\$0.12790	\$0.12806	(\$0.00016)			
04/01/21		Transco FT - Zone 1 to Zone 5 Former PS Rate Schedule	\$0.87487	\$0.87626	(\$0.00139)			
04/01/21		Transco FT - Zone 2 to Zone 5 Former PS Rate Schedule	\$0.85082	\$0.85217	(\$0.00135)			
04/01/21		Transco FT - Zone 3 to Zone 5 Former PS Rate Schedule	\$0.78792	\$0.78911	(\$0.00119)			
04/01/21		Transco FT - Zone 3 to Zone 5 Electric Power Unit Rate	\$0.00413	\$0.00478	(\$0.00065)			
04/01/21		Transco FT - Zone 4 to Zone 6 Electric Power Unit Rate	\$0.00449	\$0.00515	(\$0.00066)			
04/01/21		Transco FT - Zone 3 to Zone 5 Momentum Expansion	\$0.27210	\$0.27275	(\$0.00065)			
04/01/21		Transco FT - Zone 5 to Zone 3 Southeastern Trail Project	\$0.00413	\$0.00478	(\$0.00065)			
04/01/21		Transco GSS Demand	\$0.10548	\$0.10555	(\$0.00007)			
11/01/21	RP22-00323-000	Transco GSS Demand	\$0.10537	\$0.10548	(\$0.00011)			
		Cardinal Pipeline Zone 1B Reservation Charge	\$0.03932	\$0.03930	\$0.00002	04/01/21	G-39, Sub 45	03/30/21
		Cardinal Pipeline Zone 2 Reservation Charge	\$0.08102	\$0.08100	\$0.00002			

**Public Service Company of North Carolina, Inc.**  
**Docket No. G-5, Sub 642**  
**Summary of Demand and Storage Capacity Level Changes**  
**For the Twelve Months Ended March 31, 2022**  
**Schedule 6**

Effective Date of Change	Description of Service	Increase(Decrease)			North Carolina Utilities Commission Action		
		New Daily Demand Level	Previous Daily Demand Level	Daily Demand Level	Effective Date	Docket Number	Order Date
11/01/21	Transco Firm Transportation Zone 5 to Zone 5	21,000	0	21,000		N/A	
04/01/21	Transco Firm Transportation Zone 5 to Zone 5	34,000	0	34,000		N/A	
11/01/20	Transco Firm Transportation Zone 5 to Zone 5	0	10,000	(10,000)		N/A	
11/01/20	Transco Firm Transportation Zone 5 to Zone 5	0	10,000	(10,000)		N/A	
04/01/20	Transco Firm Transportation Zone 5 to Zone 5	0	20,000	(20,000)		N/A	
11/01/20	Transco Southeastern Trail FT Zone 5 to Zone 3	55,400	0	55,400		N/A	
1/1/2021	Transco Southeastern Trail FT Zone 5 to Zone 3	4,600	0	4,600		N/A	
11/01/20	Transco Southeastern Trail FT Zone 5 to Zone 3	0	(55,400)	(55,400)		N/A	
1/1/2021	Transco Southeastern Trail FT Zone 5 to Zone 3	0	(4,600)	(4,600)		N/A	

Public Service Company of North Carolina, Inc.  
Docket No. G-5, Sub 642  
Summary of Demand and Storage Costs  
Incurred versus Collected  
For the Twelve Months Ended March 31, 2022  
Schedule 7

	Gas Flow Month	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	
	Reporting Month	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Total
	Item													
1	Demand & Storage Costs Expensed	\$11,348,155	\$9,168,200	\$9,409,770	\$9,171,981	\$9,408,867	\$9,396,944	\$9,161,282	\$9,621,764	\$9,914,969	\$10,088,564	\$10,087,366	\$9,322,041	\$116,099,905
2	Prior Month True Up	(2,179,313)	241,631	(237,731)	236,795	(12,041)	(236,676)	461,704	290,271	175,405	(1,827)	(765,703)	608,930	(\$1,418,555)
3	Current Month True Up													
4	Demand & Storage Costs Incurred	9,168,842	9,409,831	9,172,039	9,408,775	9,396,827	9,160,269	9,622,987	9,912,035	10,090,374	10,086,738	9,321,663	9,930,971	114,681,350
5	Demand & Storage Costs Billed	3,569,982	2,551,015	1,000,205	1,899,877	1,795,553	1,912,422	3,414,907	10,471,731	9,848,262	17,975,072	12,737,711	4,705,192	71,881,927
6	Incurred (Over) Under Collected	\$5,598,860	\$6,858,816	\$8,171,834	\$7,508,899	\$7,601,274	\$7,247,847	\$6,208,079	(\$559,696)	\$242,112	(\$7,888,334)	(\$3,416,048)	\$5,225,780	\$42,799,423

**Public Service Company of North Carolina, Inc.**  
**Docket No. G-5, Sub 642**  
**Summary of Deferred Account Activity**  
**Sales Customers Only Account**  
**For the Twelve Months Ended March 31, 2022**  
**Schedule 8**

Month	Beginning Balance	Commodity Cost (Over) Under Collections	Uncollectible Gas Cost	Hedging Activity	(Increment)/ Decrement	Rounding & Miscellaneous Adjustments	Interest	Ending Balance
Apr-21	\$4,501,726	\$235,578	\$30,461			\$0	\$26,882	\$4,794,646
May-21	\$4,794,646	\$319,714	\$38,870			\$0	\$28,849	\$5,182,079
Jun-21	\$5,182,079	\$1,328,481	\$51,220			\$0	\$34,057	\$6,595,838
Jul-21	\$6,595,838	\$1,817,568	\$34,191			(\$3,930)	\$43,615	\$8,487,281
Aug-21	\$8,487,281	\$1,243,156	\$26,256			\$0	\$52,908	\$9,809,601
Sep-21	\$9,809,601	\$4,030,324	\$28,483			\$0	\$68,666	\$13,937,074
Oct-21	\$13,937,074	\$2,541,681	\$10,919			\$0	\$88,238	\$16,577,912
Nov-21	\$16,577,912	\$9,352,188	\$8,351			\$0	\$123,297	\$26,061,748
Dec-21	\$26,061,748	(\$6,538,600)	\$16,882			\$0	\$132,245	\$19,672,276
Jan-22	\$19,672,276	(\$10,693,889)	\$135,271			(\$149,494)	\$78,464	\$9,042,628
Feb-22	\$9,042,628	(\$3,232,661)	\$66,906	(\$436,502)		(\$33,731)	\$39,591	\$5,446,232
Mar-22	\$5,446,232	\$5,387,449	\$43,935			\$0	\$44,727	\$10,922,343
<b>Total</b>		\$5,790,990	\$491,746	(\$436,502)	\$0	(\$187,155)	\$761,538	

**Public Service Company of North Carolina, Inc.**  
**Docket No. G-5, Sub 642**  
**Summary of Deferred Account Activity**  
**All Customers Account**  
**For the Twelve Months Ended March 31, 2022**  
**Schedule 9**

Month	Beginning Balance	Commodity Cost (Over) Under Collections	Demand Cost (Over) Under Collections	(Increment)/ Decrement	Miscellaneous Adjustments	Secondary Market Transactions	Supplier Refunds	Interest	Ending Balance
Apr-21	\$8,065,604	7,481	5,598,860	0	100	(1,650,246)	0	58,253	\$12,080,051
May-21	12,080,051	(4,481)	6,858,816	0	(8)	(1,542,870)	0	85,468	\$17,476,977
Jun-21	17,476,977	1,527,799	8,171,834	0	0	(1,688,032)	0	124,600	\$25,613,178
Jul-21	25,613,178	289,893	7,508,899	0	(2,189)	(1,710,574)	0	166,206	\$31,865,413
Aug-21	31,865,413	100,382	7,601,274	0	0	(1,728,525)	0	202,141	\$38,040,686
Sep-21	38,040,686	(415,598)	7,247,847	0	0	(1,740,181)	0	235,403	\$43,368,156
Oct-21	43,368,156	584,733	6,208,079	0	0	(1,730,175)	0	266,217	\$48,697,011
Nov-21	48,697,011	(162,261)	(559,696)	0	0	(1,637,486)	(221,291)	274,959	\$46,391,235
Dec-21	46,391,235	451,701	242,112	(2,329,673)	0	(2,040,407)	(921,801)	255,735	\$42,048,902
Jan-22	42,048,902	494,443	(7,888,334)	(3,502,218)	(387,850)	(2,081,998)	(358)	193,804	\$28,876,392
Feb-22	28,876,392	456,855	(3,416,048)	(2,501,591)	(63,970)	(2,138,732)	(676)	137,243	\$21,349,472
Mar-22	21,349,472	3,105,162	5,225,780	(921,069)	0	(2,123,572)	(43)	131,479	\$26,767,209
Total		\$6,436,109	\$42,799,423	(\$9,254,551)	(\$453,917)	(\$21,812,797)	(\$1,144,170)	\$2,131,508	

**Public Service Company of North Carolina, Inc.**  
**Docket No. G-5, Sub 642**  
**Summary of Gas Supply**  
**For the Twelve Months Ended March 31, 2022**  
**Schedule 10**

Gas Flow Month	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	
Reporting Month	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Total
<b>SOURCES OF SUPPLY AT CITY GATE</b>													
Contract # 64	0	0	50,000	0	0	0	0	0	140,000	50,000	370,000	250,000	860,000
Contract # 114	10,000	0	0	0	0	0	0	0	0	0	0	0	10,000
Contract # 46	1,090,611	455,130	470,301	455,130	470,301	470,301	455,130	468,572	765,130	820,301	790,301	704,788	7,415,996
Contract # 74	352,060	15,000	35,000	0	0	0	0	0	350,000	555,000	644,986	440,000	2,392,046
Contract # 1	759,543	1,696,157	1,411,896	1,261,986	1,433,504	1,374,661	1,420,154	1,365,705	718,591	950,119	1,457,748	1,015,735	14,865,799
Contract # 111	485,261	836,000	788,500	672,500	665,000	967,500	150,000	1,010,000	724,088	427,261	920,061	461,868	8,108,039
Contract # 130	0	0	0	0	0	0	0	0	140,000	90,000	370,000	224,600	824,600
Contract # 86	310,000	0	0	0	0	0	0	0	0	0	0	0	310,000
Contract # 125	310,000	0	0	0	0	0	0	0	0	0	0	0	310,000
Contract # 129	0	0	0	0	0	0	0	0	1,165,000	770,000	1,080,000	956,000	3,971,000
Contract # 128	0	0	0	0	0	0	10,000	0	0	0	0	0	10,000
Contract # 34	360,000	688,000	205,000	105,000	0	118,000	250,000	594,000	756,711	207,016	882,939	754,000	4,920,666
Contract # 78	0	0	0	67,500	0	20,632	0	0	0	0	0	0	88,132
Contract # T26	6	(0)	(1)	4	6	2	3	7	79	46	177	129	458
Contract # 123	60,000	0	304,975	481,392	356,650	30,000	493,957	202,851	158,200	164,200	464,000	136,700	2,852,925
Contract # 49	535,000	0	0	0	0	0	0	0	225,000	65,000	683,000	120,000	1,628,000
Contract # 9	129,000	610,000	94,987	0	0	0	0	0	0	0	57,000	0	890,987
Contract # 124	0	0	0	0	0	0	300,000	0	0	0	0	0	300,000
Contract # 121	0	0	0	0	0	0	0	0	0	0	0	240,000	240,000
Contract # 54	970,000	0	0	0	0	0	0	0	1,460,000	1,085,000	1,550,000	1,170,000	6,235,000
Contract # 127	0	0	0	0	0	0	0	0	0	0	84,000	56,000	140,000
Contract # 126	0	7,020	7,254	7,020	7,254	7,254	7,020	7,178	0	0	0	0	50,000
Contract # 131	0	0	0	0	0	0	0	0	20,000	355,000	1,136,700	641,300	2,153,000
Transco Cash Out	0	0	0	0	0	0	0	0	(297)	0	(645)	(392)	(1,334)
Transportation Pooling Cash Out	24,409	(6,729)	29,722	(7,235)	(2,286)	(43,960)	(41,477)	(15,076)	(35,440)	89,056	96,680	(57,568)	30,096
Secondary Market Transactions													0
Contract # 46	0	(150,000)	(60,000)	(260,000)	(250,000)	(140,000)	(290,000)	(40,000)	0	0	0	0	(1,190,000)
Contract # 129	0	0	0	0	0	0	0	0	0	0	(210,000)	(15,000)	(225,000)
Contract # 54	0	0	0	0	0	0	0	0	0	0	0	(45,000)	(45,000)
Bundled Sales	0	0	0	0	0	0	0	0	(304,470)	0	0	0	(304,470)
Facilities Damages	0	(5,716)	(734)	(2,515)	(5,815)	(4,000)	(2,656)	5,220	(4,469)	(756)	(3,604)	(2,011)	(27,056)
<b>Subtotal</b>	<b>5,395,890</b>	<b>4,144,861</b>	<b>3,336,900</b>	<b>2,780,782</b>	<b>2,674,614</b>	<b>2,800,390</b>	<b>2,752,131</b>	<b>3,598,457</b>	<b>6,278,123</b>	<b>5,627,243</b>	<b>10,373,343</b>	<b>7,051,149</b>	<b>56,813,884</b>
Supplier Fuel Use	(95,922)	(84,201)	(66,247)	(57,425)	(52,181)	(55,170)	(52,438)	(71,006)	(101,540)	(100,498)	(193,897)	(126,269)	(1,056,794)
<b>TOTAL SUPPLY TO CITY GATE</b>	<b>5,299,968</b>	<b>4,060,660</b>	<b>3,270,653</b>	<b>2,723,357</b>	<b>2,622,433</b>	<b>2,745,220</b>	<b>2,699,693</b>	<b>3,527,451</b>	<b>6,176,583</b>	<b>5,526,745</b>	<b>10,179,446</b>	<b>6,924,880</b>	<b>55,757,090</b>

**Public Service Company of North Carolina, Inc.**  
**Docket No. G-5, Sub 642**  
**Summary of Gas Supply**  
**For the Twelve Months Ended March 31, 2022**  
**Schedule 10**

<b>Gas Flow Month</b>	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	
<b>Reporting Month</b>	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Total
<b>STORAGE INJECTIONS</b>													
Columbia Storage	0	(281,175)	(281,171)	(281,166)	(281,171)	(281,171)	(281,145)	(281,179)	0	0	0	0	(1,968,178)
Cove Point LNG	0	(7,020)	(7,254)	(7,020)	(7,254)	(7,254)	(7,020)	(7,178)	0	0	0	0	(50,000)
DTI GSS	0	(283,170)	(283,140)	(283,183)	(283,140)	(283,140)	(283,183)	(283,195)	0	0	0	0	(1,982,151)
Transco Eminence	(116,835)	(37,446)	(39,551)	(35,946)	(19,876)	(10,438)	(29,814)	(47,149)	(79,275)	(99,724)	(77,365)	(32,928)	(626,347)
Transco ESS	(87,589)	(28,140)	0	(12,000)	0	(34,783)	(69,690)	(103,000)	(32,329)	(7,675)	(46,852)	(30,960)	(453,018)
Transco GSS	(137,456)	(129,273)	(221,453)	(265,072)	(242,849)	(239,416)	(72,923)	(40,356)	(48,108)	(65,868)	(99,493)	(49,003)	(1,611,270)
Transco LGA	0	0	0	0	0	0	0	0	0	0	0	0	0
LNG	0	(71,541)	(83,835)	(69)	0	0	(34)	0	0	0	0	0	(155,479)
Pine Needle	(87,975)	(139,725)	(72,226)	(5,159)	(5,159)	(9,756)	0	(67,067)	(10,248)	(15,372)	(51,240)	(35,868)	(499,795)
Saltville	(77,157)	(102,744)	0	0	0	0	0	(302,498)	(54,608)	(79,999)	(219,833)	(166,664)	(1,003,503)
Transco WSS	(64,434)	(58,237)	(129,875)	(258,537)	(255,834)	(279,664)	(240,137)	(143,003)	(80,976)	(68,151)	(63,965)	(25,711)	(1,668,524)
<b>TOTAL STORAGE INJECTIONS</b>	<b>(571,446)</b>	<b>(1,138,471)</b>	<b>(1,118,505)</b>	<b>(1,148,152)</b>	<b>(1,095,283)</b>	<b>(1,145,622)</b>	<b>(983,946)</b>	<b>(1,274,625)</b>	<b>(305,544)</b>	<b>(336,789)</b>	<b>(558,748)</b>	<b>(341,134)</b>	<b>(10,018,265)</b>
<b>STORAGE WITHDRAWALS</b>													
Columbia Storage	318,435	0	0	0	0	0	0	0	237,010	105,670	782,711	281,675	1,725,501
Cove Point LNG	0	0	0	0	0	0	0	0	0	0	30,000	0	30,000
DTI GSS	236,132	0	0	0	0	0	0	0	165,338	411,014	758,718	108,000	1,679,202
Transco Eminence	35,577	109,589	0	8,119	13,701	0	0	54,806	55,820	146,937	142,113	90,027	656,689
Transco ESS	50,824	0	0	8,119	0	0	42,627	52,777	3,383	12,717	76,403	38,151	285,001
Transco GSS	80,000	132,000	32,886	1	0	0	5,512	123	360,358	252,546	242,668	155,346	1,261,440
Transco LGA	0	0	0	0	0	0	0	0	0	0	0	0	0
LNG	17,486	5,784	5,379	13,213	14,514	13,419	12,357	13,692	13,487	17,526	56,412	14,767	198,036
Pine Needle	0	40,250	0	0	0	0	0	0	116,724	7,714	113,616	15,427	293,731
Saltville	0	60,000	0	0	0	0	0	0	160,526	230,000	210,000	200,000	860,526
Transco WSS	105,713	127,879	22,836	0	0	0	0	0	223,467	196,707	300,425	349,967	1,326,994
<b>TOTAL STORAGE WITHDRAWALS</b>	<b>844,167</b>	<b>475,502</b>	<b>61,101</b>	<b>29,452</b>	<b>28,215</b>	<b>13,419</b>	<b>60,496</b>	<b>121,398</b>	<b>1,336,113</b>	<b>1,380,831</b>	<b>2,713,066</b>	<b>1,253,360</b>	<b>8,317,120</b>
<b>COMPANY USE VOLUMES</b>	<b>(14,141)</b>	<b>(10,660)</b>	<b>(4,554)</b>	<b>(9,937)</b>	<b>(7,306)</b>	<b>(6,069)</b>	<b>(6,225)</b>	<b>(6,088)</b>	<b>(18,523)</b>	<b>(19,096)</b>	<b>(46,605)</b>	<b>(21,443)</b>	<b>(170,647)</b>
<b>GAS SUPPLY FOR DELIVERY</b>	<b>5,558,549</b>	<b>3,387,031</b>	<b>2,208,695</b>	<b>1,594,720</b>	<b>1,548,059</b>	<b>1,606,948</b>	<b>1,770,018</b>	<b>2,368,136</b>	<b>7,188,629</b>	<b>6,551,691</b>	<b>12,287,159</b>	<b>7,815,663</b>	<b>53,885,299</b>

**Public Service Company of North Carolina, Inc.**  
**Docket No. G-5, Sub 642**  
**Hedging Deferred Account Activity**  
**For the Twelve Months Ended March 31, 2022**  
**Creel Direct Exhibit 2**

	Item	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Total
1	Beginning balance	(\$436,502)	(\$174,726)	\$1,022,041	\$985,252	\$721,677	\$427,389	(\$1,745,517)	(\$6,009,201)	(\$8,030,697)	(\$8,408,688)	(\$9,296,582)	(\$8,865,335)	(\$436,502)
	Broker Transactions													
2	Premium	297,080	1,233,860	149,580	17,750	88,370	53,850	206,600	0	0	1,240,150	548,240	99,800	3,935,280
3	Settle	(36,160)	(46,370)	(193,550)	(287,563)	(387,710)	(2,226,765)	(4,455,073)	(1,985,300)	(334,903)	(2,086,770)	(508,295)	(1,004,205)	(13,552,663)
4	Fees	2,622	6,828	1,847	1,300	1,729	3,821	7,213	4,401	4,448	7,106	4,428	2,141	47,883
5	Margin Requirement													
	OTC Transactions													
6	Premium													
7	Settle													
8	Fees													
9	Swaps (Proceeds) / Costs													
	Other													
10	Interest			(470)	2	0	0	0	0	0	0	0	0	(468)
11	Move to Sales Customer D/A											436,502		436,502
12	Sub-total	(172,959)	1,019,591	979,448	716,741	424,066	(1,741,705)	(5,986,777)	(7,990,099)	(8,361,152)	(9,248,202)	(8,815,707)	(9,767,599)	(9,569,967)
13	Interest	(1,767)	2,450	5,804	4,936	3,323	(3,812)	(22,424)	(40,598)	(47,536)	(48,380)	(49,628)	(51,054)	(248,686)
14	Ending balance	(\$174,726)	\$1,022,041	\$985,252	\$721,677	\$427,389	(\$1,745,517)	(\$6,009,201)	(\$8,030,697)	(\$8,408,688)	(\$9,296,582)	(\$8,865,335)	(\$9,818,653)	(\$9,818,653)

Public Service Company of North Carolina, Incorporated  
Docket No. G-5, Sub 642  
Creel Supplemental Direct Exhibit 1  
2022 Deferred Account Interest Rate  
Schedule 1

Item	Capital Structure	Cost	Overall Return	Pre-tax Return	Net of Tax Return
Long Term Debt	47.06%	4.48%	2.110%	2.110%	
Short Term Debt	1.34%	0.25%	0.000%	0.000%	
Common Equity	51.60%	9.60%	4.950%	6.427%	
Total	<u>100.00%</u>		<u>7.060%</u>	<u>8.537%</u>	
State Income Tax Rate	2.50%				
Federal Income Tax Rate	<u>21.00%</u>				
Composite	<u>22.98%</u>				
Net of Tax Factor	<u>77.02%</u>				<u>6.575% [1]</u>
Monthly Interest Rate					<u>0.548%</u>

[1] Finding of Fact No. 33, Docket No. G-5, Sub 632, Final Order dated 1/21/2022