

PUBLIC

INFORMATION SHEET

PRESIDING: Commissioner Kemerait, Presiding; Commissioners Brown-Bland and Duffley

PLACE: Raleigh, NC

DATE: Tuesday, August 8, 2023

TIME: 9:00 a.m. to 9:52 a.m.

DOCKET NO.: G-5 Sub 661

COMPANY: Public Service Company of North Carolina, Inc.

DESCRIPTION: In the Matter of Application of Public Service Company of North Carolina, Inc., for Annual Review of Gas Costs 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

REPORTED BY: Kim Mitchell
TRANSCRIBED BY: Kim Mitchell
DATE FILED: August 28, 2023

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1 PLACE: Dobbs Building, Raleigh, North Carolina
2 DATE: Tuesday, August 8, 2023
3 DOCKET NO.: G-5, Sub 661
4 TIME: 9:00 a.m. to 9:52 a.m.
5 BEFORE: Commissioner Karen M. Kemerait, Presiding
6 Commissioner ToNola D. Brown-Bland
7 Commissioner Kimberly W. Duffley
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IN THE MATTER OF:
Application of Public Service Company
of North Carolina, Inc., for Annual Review of Gas
Costs Pursuant to N.C.G.S. § 62-133.4(c) and
Commission Rule R1-17(k) (6)

1 A P P E A R A N C E S:
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E X H I B I T S

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(Confidential - filed under seal)

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(Confidential - filed under seal)

**NORTH CAROLINA UTILITIES COMMISSION
APPEARANCE SLIP**

DATE: 2/2/23 DOCKET NO.: 6-5 Sub 661

ATTORNEY NAME and TITLE: _____
Mary L. Grigg

FIRM NAME: _____

ADDRESS: 501 Fayetteville St

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: 8-8-23 DOCKET NO.: G-5 Sub 661

ATTORNEY NAME and TITLE: _____

Kristin M. Athens

FIRM NAME: McGuire Woods LLP

ADDRESS: 501 Fayetteville St. Suite 500

CITY: Raleigh STATE: NC ZIP CODE: 27601

APPEARANCE ON BEHALF OF: PSNC

APPLICANT: COMPLAINANT: ___ INTERVENOR: ___

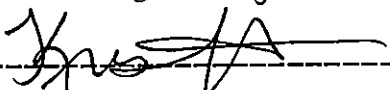
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ONLY fill out this portion if you have signed an NDA to receive **CONFIDENTIAL** transcripts and/or exhibits:

Yes, I have signed the Confidentiality Agreement.

Email: Kathens@mcguirewoods.com

SIGNATURE: 

(Signature Required for distribution of **CONFIDENTIAL** information)

NORTH CAROLINA UTILITIES COMMISSION
PUBLIC STAFF - APPEARANCE SLIP

DATE: August 8, 2023

DOCKET #: G-5, Sub 661
Public Service Company of
North Carolina, Inc.

PUBLIC STAFF ATTORNEY: Elizabeth D. Culpepper

TO REQUEST A **CONFIDENTIAL** TRANSCRIPT, PLEASE PROVIDE YOUR
EMAIL ADDRESS BELOW:

ACCOUNTING _____
CONSUMER SERVICES _____
COMMUNICATIONS _____
ENERGY _____
ECONOMICS _____
LEGAL elizabeth.culpepper@psnsuc.nc.gov _____
TRANSPORTATION _____
WATER _____

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Commission's website. To view and/or print, please access
<https://ncuc.net>.

COUNSEL/MEMBER(s) REQUESTING A **CONFIDENTIAL** TRANSCRIPT
WHO HAS SIGNED A CONFIDENTIALITY AGREEMENT WILL NEED TO
SIGN BELOW.

/s/ Elizabeth D. Culpepper

**DESIGN-DAY DEMAND REQUIREMENTS (IN DTS) AND AVAILABLE ASSETS (IN DTS)
FOR WINTER SEASONS FROM 2022-23 THROUGH 2027-28**

		(1)	(2)	(3)	(4)	(5)	(6)
		2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Contracted Capacity*							
Transco	FT	390,743	390,743	390,743	390,743	390,743	390,743
Eastern Gas**	FT	7,275	7,272	7,272	7,272	7,272	7,272
Subtotal		398,018	398,015	398,015	398,015	398,015	398,015
Seasonal Capacity							
Transco	Storage	33,218	33,218	33,218	33,218	33,218	33,218
Eastern Gas**	Storage	61,148	61,445	61,445	61,445	61,445	61,445
Columbia Gas**	Storage	35,063	35,052	35,052	35,052	35,052	35,052
East Tennessee/Saltville**	Storage	48,861	48,458	48,458	48,458	48,458	48,458
Subtotal		178,290	178,173	178,173	178,173	178,173	178,173
Peaking Capacity							
Transco	LGA	5,175	5,175	5,175	5,175	5,175	5,175
Pine Needle**	LNG	102,703	102,672	102,672	102,672	102,672	102,672
Cary Energy Center	LNG	100,000	100,000	100,000	100,000	100,000	100,000
Cove Point**	LNG	24,808	24,800	24,800	24,800	24,800	24,800
Short-Term Peaking Service	LNG	61,000	40,000	-	-	-	-
Subtotal		293,686	272,647	232,647	232,647	232,647	232,647
Total		869,993	848,835	808,835	808,835	808,835	808,835
Design-Day Requirements		874,220	881,047	897,382	914,019	930,965	948,225
Surplus (Shortage)		(4,227)	(32,212)	(88,547)	(105,184)	(122,130)	(139,390)
Reserve Margin		(0.48%)	(3.66%)	(9.87%)	(11.51%)	(13.12%)	(14.70%)

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

** Adjusted to reflect changes in Transco fuel retainage.

**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 83,476 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

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 11 through 16 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.

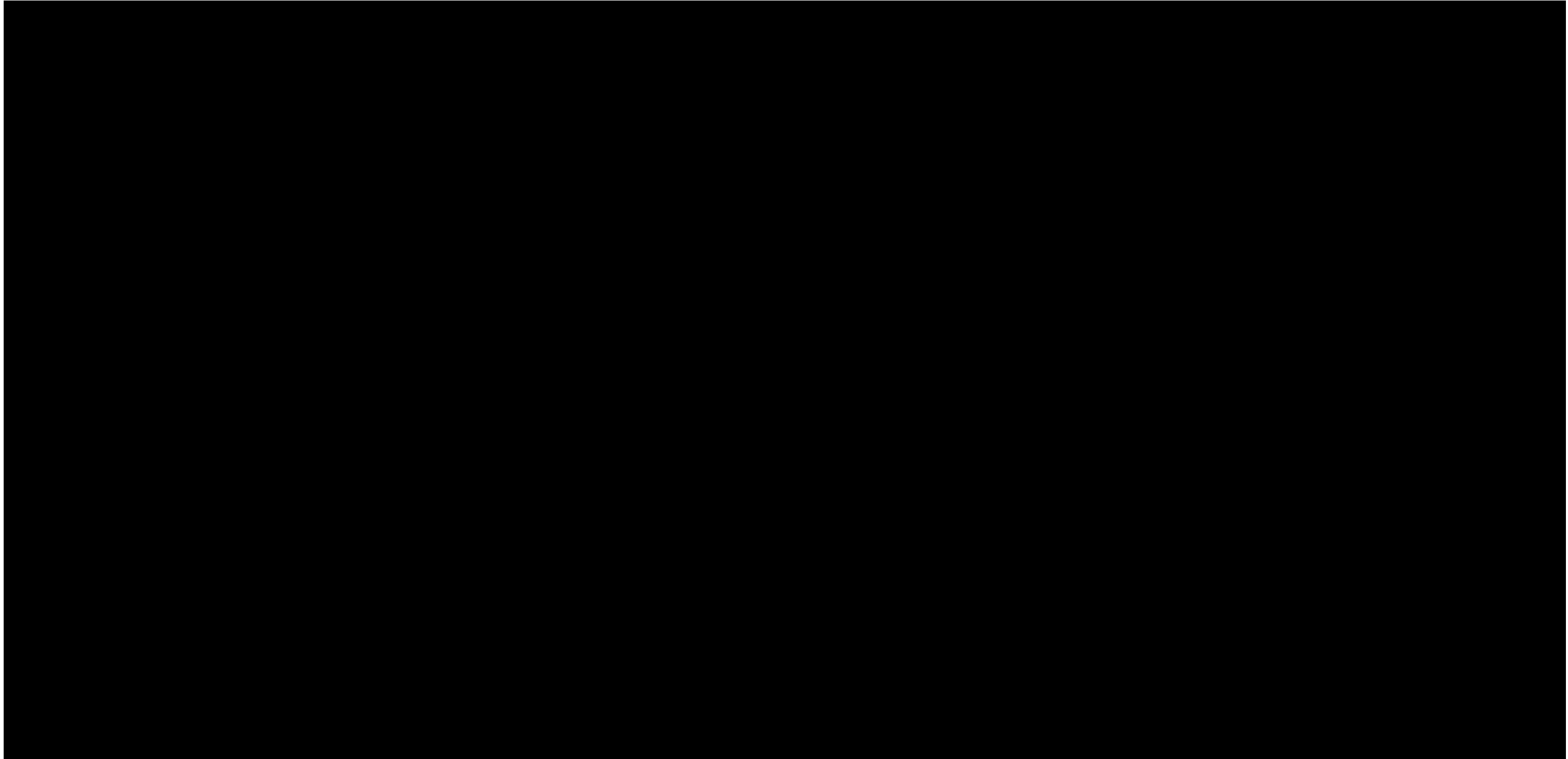
- 9. Please describe any significant storage, transmission, and distribution upgrades required for the Company to fulfill its peak day requirements during the next five (5) years.**

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

- 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.

Public Service Company of North Carolina, Inc.
Docket No. G-5, Sub 661
Jackson Direct Exhibit 2
Attachment
System Upgrades for 2023-27
CONFIDENTIAL



**PROCEEDINGS BEFORE THE FEDERAL ENERGY REGULATORY COMMISSION
IN WHICH PSNC INTERVENED FROM APRIL 2022 THROUGH MARCH 2023**

Date	Pipeline	Docket No.	Docket Description	Company Position
4/11/22	East Tennessee Natural Gas, LLC	RP22-742-000	On March 31, 2022, East Tennessee made its annual fuel and loss retention percentage adjustment filing.	Intervention.
4/11/22	Pine Needle LNG Company, LLC	RP22-749-000	On March 31, 2022, Pine Needle made its annual fuel retention percentage and electric power rate filing.	Intervention.
4/11/22	East Tennessee Natural Gas, LLC	RP22-755-000	On March 31, 2022, East Tennessee made its annual cashout report filing.	Intervention.
4/11/22	Columbia Gas Transmission, LLC	RP22-763-000	On March 31, 2022, Columbia Gas made its filing to adjust the Operational Transaction Rate Adjustment surcharge for the upcoming summer season.	Intervention.
5/6/22	Transcontinental Gas Pipe Line Company, LLC	RP22-845-000	On April 27, 2022, Transco filed revised tariff records to track rate changes attributable to storage services purchased from Eastern Gas, the costs of which are included in the rates and charges payable under Transco's Rate Schedules GSS and LSS.	Intervention.

Date	Pipeline	Docket No.	Docket Description	Company Position
7/11/22	Cove Point LNG, LP	RP22-1003-000	On June 30, 2022, Cove Point filed to modify its tariff to charge a fuel reimbursement percentage of 0.00% when the calculated fuel retainage percentage results in a percentage that is less than zero.	Intervention.
7/11/22	Cove Point LNG, LP	RP22-1030-000	On July 1, 2022, Cove Point filed its annual report of penalty revenue distributions.	Intervention.
7/27/22	Transcontinental Gas Pipe Line Company, LLC	RP22-1060-000	On July 20, 2022, 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.
9/1/22	Transcontinental Gas Pipe Line Company, LLC	RP22-1147-000	On August 25, 2022, 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, Eastern Gas, and Texas Eastern.	Intervention.
10/12/22	Saltville Gas Storage Company, LLC	RP22-1272-000	On September 30, 2022, Saltville made its annual fuel reimbursement adjustment filing.	Intervention.
10/12/22	Transcontinental Gas Pipe Line Company, LLC	RP22-1275-000	On September 30, 2022, Transco made its annual filing to revise the surcharge for under-recovery of cashout revenues.	Intervention.

Date	Pipeline	Docket No.	Docket Description	Company Position
10/12/22	Texas Gas Transmission, LLC	RP22-1284-000	On September 30, 2022, Texas Gas made its annual filing to establish new fuel retention percentages.	Intervention.
1/6/23	Transcontinental Gas Pipe Line Company, LLC	RP23-315-000	On December 29, 2022, Transco made its annual true-up surcharge filing for quantities subject to cashout.	Intervention.
1/6/23	Columbia Gas Transmission, LLC	RP23-318-000	On December 30, 2022, Columbia Gas filed its annual penalty revenue crediting report.	Intervention.
1/26/23	Transcontinental Gas Pipe Line Company, LLC	RP23-361-000	On January 19, 2023, Transco filed revised tariff records to track rate changes attributable to storage services purchased from Eastern Gas, the costs of which are included in the rates and charges payable under Transco's Rate Schedules GSS and LSS.	Intervention.
3/9/23	Transcontinental Gas Pipe Line Company, LLC	RP23-488-000	On February 28, 2023, Transco made its annual fuel tracker filing to update fuel retention percentages.	Intervention.
3/9/23	Columbia Gas Transmission, LLC	RP23-501-000	On February 28, 2023, Columbia Gas made its annual electric power cost adjustment filing.	Intervention.
3/9/23	Columbia Gas Transmission, LLC	RP23-502-000	On February 28, 2023, Columbia Gas made its annual transportation cost rate adjustment filing.	Intervention.

Date	Pipeline	Docket No.	Docket Description	Company Position
3/9/23	Columbia Gas Transmission, LLC	RP23-503-000	On February 28, 2023, Columbia Gas made its annual fuel retainage adjustment filing.	Intervention.
3/9/23	Transcontinental Gas Pipe Line Company, LLC	RP23-523-000	On March 1, 2023, Transco made its annual transmission electric power filing.	Intervention.
3/9/23	Columbia Gas Transmission, LLC	RP23-524-000	On March 1, 2023, Columbia made its annual filing to revise Capital Cost Recovery Mechanism rates.	Intervention.

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

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No significant changes are expected.

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

- 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.**

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

- 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.

Public Service of North Carolina, Inc. d/b/a Dominion Energy North Carolina**Docket No. G-5, Sub 661****Economic Analysis of New LNG Facility**

This economic analysis of a new liquefied natural gas (“LNG”) facility has been prepared in response to the Commission’s order in Docket No. G-5, Sub 642 which stated, “That, as recommended by the Public Staff, in its 2023 annual review PSNC shall provide a detailed economic analysis for the Commission’s information of any new or incremental supply proposed to be constructed or procured, pursuant to the Sub 91 Order.” *Ordering Paragraph No.3*

The Company has engaged in several conversations with Public Staff to determine what information is needed to meet the requirements of the ordering paragraph above. Pursuant to the Commission’s Ordering Paragraph No. 3, the Company submits this analysis.

As noted in the direct testimony of Company witness Jackson in this docket, a traditional economic analysis of capacity alternatives could not be completed because long-term viable alternatives to the proposed LNG facility are not available in the similar timeframe as the LNG project. The Company has no viable alternatives to on-system LNG for the following reasons:

- Another FERC jurisdictional project, such as another interstate pipeline project or a FERC jurisdictional LNG facility like Pine Needle, could face the same obstacles and delays that Mountain Valley Pipeline (“MVP”) has encountered with its construction.
- Operational constraints caused by lower than historical pressures on Transco’s system during Winter Storm Elliott demonstrated the need for more on-system supply, since the Company could not receive all the winter peaking supply it had contracted for.
- Withdrawals from an on-system LNG facility do not require nominations of interstate pipeline capacity. PSNC is in control of its LNG dispatch, and it is not reliant on the interstate pipeline system.
- An on-system LNG facility also allows PSNC to manage daily firm demand swings in a reliable manner and mitigate the impact of price spikes during periods of high demand. LNG is the most flexible asset to meet firm customer demand in response to changing weather patterns, and it enables the Company to maintain pressure on its distribution system.

Since 2020, the Public Staff has shared PSNC’s concerns about the reserve margin deficit due to MVP’s ongoing delays and the cancellation of the Atlantic Coast Pipeline Project in July 2020. These developments have resulted in a negative reserve margin for PSNC of 72,212 dekatherms (“Dts”) for the upcoming winter season as demonstrated in the table below, which is Jackson Direct Exhibit 1 filed in this proceeding on June 1, 2023. The table also shows that PSNC’s design day demand is growing by approximately 20,000 Dts per year. Until long-term supply resources are secured, these reserve margin deficits will be met with short-term winter delivered gas peaking contracts. Therefore, the Company has accelerated the timeline for the development of an on-system LNG project that was originally planned for 2030. The accelerated development of the proposed LNG facility is the most certain path the Company can take to satisfy its growing reserve

margin deficit, particularly given that short-term peaking contracts are becoming more difficult to obtain.

The size of the LNG storage tank and the daily withdrawal capacity was based on the reserve margin deficit projected at the estimated in-service date of the new LNG facility plus the time for injections (winter of 2027-2028). The reserve margin deficit for the winter of 2027-2028 is projected to be 139,390 Dts. A 1.0 billion cubic feet (“Bcf”) LNG storage tank would provide a maximum daily withdrawal capacity of 100,000 Dts/day for 10 days. A 1.0 Bcf facility was not considered because the reserve margin deficit exceeded the withdrawal capacity at the time the plant would be available for withdrawals.

Jackson Direct Exhibit 1

DESIGN-DAY DEMAND REQUIREMENTS (IN DTS) AND AVAILABLE ASSETS (IN DTS)

FOR WINTER SEASONS FROM 2022-23 THROUGH 2027-28

		(1)	(2)	(3)	(4)	(5)	(6)
		2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Contracted Capacity*							
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Cove Point**	LNG	24,808	24,800	24,800	24,800	24,800	24,800
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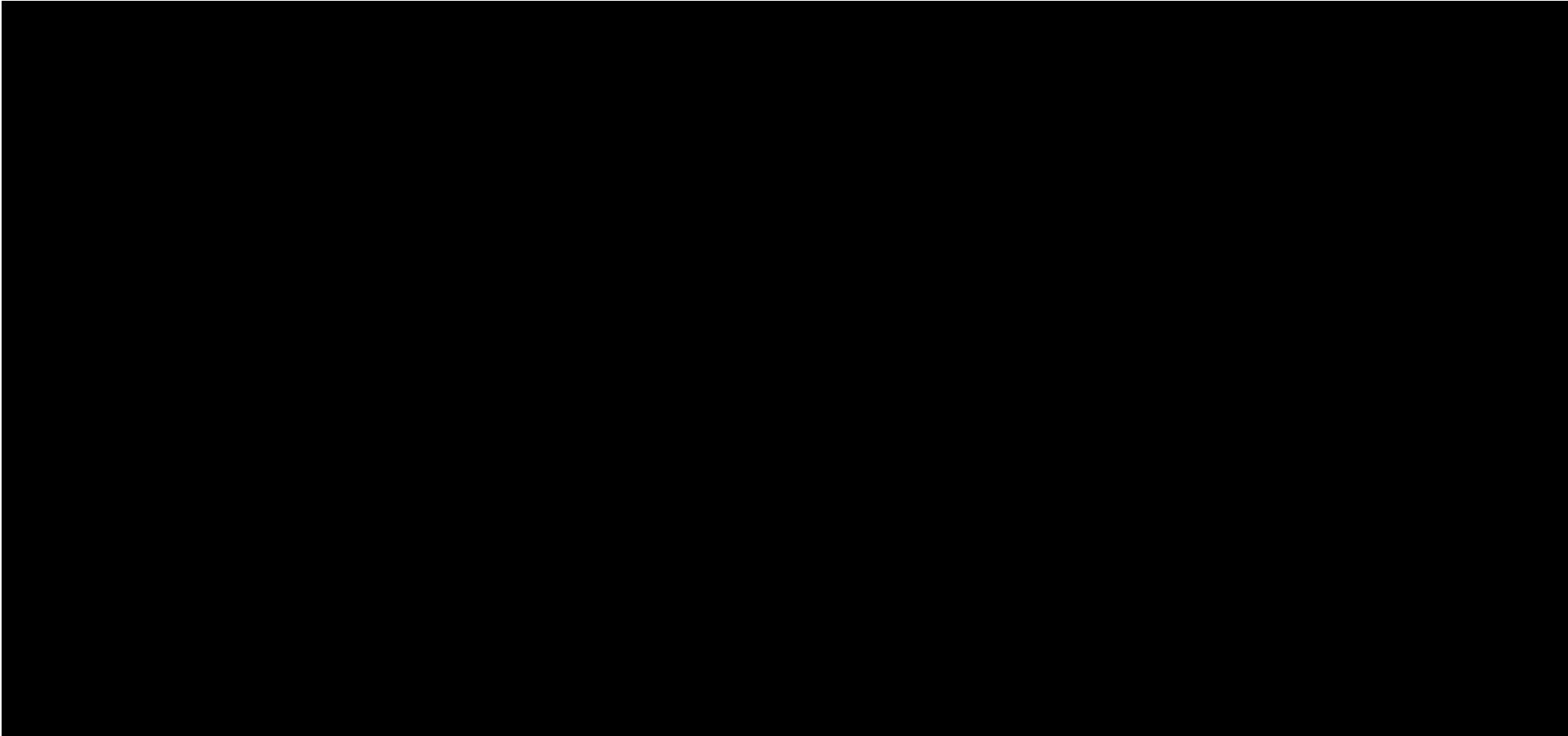
* Does not include MVP capacity contracted for but not in service.

** Adjusted to reflect changes in Transco fuel retainage.

A 1.5 Bcf LNG storage tank would provide a maximum daily withdrawal capacity of 150,000 Dts/day for 10 days; a 2.0 Bcf LNG storage tank would provide a maximum daily withdrawal capacity of 200,000 Dts/ day for 10 days. The cost estimates for these options are shown in the Confidential Jackson Second Supplemental Direct Exhibit 2.

Based on the reserve margin deficit of approximately 140,000 Dts in the winter of 2027-28, a 1.5 BCF facility would meet that need. However, a 2 Bcf facility will provide 33% more storage and greater vaporization capability than a 1.5 Bcf facility. The 2.0 Bcf facility will only require incremental cost increases associated with the tank, the vaporization equipment and the Administration & General and contingency expenses. This results in the 2.0 Bcf facility costing approximately 2.5% more than the 1.5 Bcf facility. With a cost differential of only 2.5%, the 2.0 Bcf facility is the most prudent and cost-effective option.

CONFIDENTIAL INFORMATION REDACTED



DESIGN-DAY DEMAND REQUIREMENTS (IN DTs) AND AVAILABLE ASSETS (IN DTs)**FOR WINTER SEASONS FROM 2022-23 THROUGH 2027-28**

		(1)	(2)	(3)	(4)	(5)	(6)
		2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Contracted Capacity*							
Transco	FT	390,743	390,743	390,743	390,743	390,743	390,743
Eastern Gas**	FT	7,275	7,272	7,272	7,272	7,272	7,272
Subtotal		398,018	398,015	398,015	398,015	398,015	398,015
Seasonal Capacity							
Transco	Storage	33,218	33,218	33,218	33,218	33,218	33,218
Eastern Gas**	Storage	61,148	61,445	61,445	61,445	61,445	61,445
Columbia Gas**	Storage	35,063	35,052	35,052	35,052	35,052	35,052
East Tennessee/Saltville**	Storage	48,861	48,458	48,458	48,458	48,458	48,458
Subtotal		178,289	178,173	178,173	178,173	178,173	178,173
Peaking Capacity							
Transco	LGA	5,175	5,175	5,175	5,175	5,175	5,175
Pine Needle**	LNG	102,703	102,672	102,672	102,672	102,672	102,672
Cary Energy Center	LNG	100,000	100,000	100,000	100,000	100,000	100,000
Cove Point**	LNG	24,808	24,800	24,800	24,800	24,800	24,800
Short-Term Peaking Service	LNG	61,000	75,000	-	-	-	-
Subtotal		293,686	307,647	232,647	232,647	232,647	232,647
Total		869,993	883,835	808,835	808,835	808,835	808,835
Design-Day Requirements		874,220	881,047	897,382	914,019	930,965	948,225
Surplus (Shortage)		(4,227)	2,788	(88,547)	(105,184)	(122,130)	(139,390)
Reserve Margin		-0.48%	0.32%	-9.87%	-11.51%	-13.12%	-14.70%

Public Service Company of North Carolina, Inc.
Docket No. G-5, Sub 661
Summary of Cost of Gas Expense
For the Twelve Months Ended March 31, 2023
Schedule 1

Gas Flow Month	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	
Reporting Month	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Total
Item													
1 Demand & Storage Costs Expensed (Sch 2)	\$9,932,732	\$9,210,989	\$9,478,831	\$9,241,020	\$9,478,855	\$9,479,314	\$9,240,938	\$9,651,148	\$10,697,011	\$11,106,541	\$10,944,604	\$10,170,417	\$118,632,402
2 Commodity Costs Expensed (Sch 3)	\$24,765,895	\$17,705,904	\$14,763,078	\$14,233,986	\$10,950,487	\$17,280,408	\$16,895,181	\$21,766,050	\$32,726,566	\$70,638,041	\$34,868,642	\$20,003,264	\$296,597,503
3 Other Gas Costs Expensed (Sch 4)	(\$36,296,990)	(\$24,366,501)	(\$17,284,645)	(\$13,461,001)	(\$9,349,726)	(\$13,281,339)	\$14,665,803	\$25,047,724	\$66,810,120	(\$6,824,902)	(\$25,879,816)	(\$7,422,106)	(\$47,643,381)
4 Total Cost of Gas Expensed	(\$1,598,363)	\$2,550,392	\$6,957,264	\$10,014,005	\$11,079,617	\$13,478,384	\$40,801,923	\$56,464,922	\$110,233,697	\$74,919,680	\$19,933,430	\$22,751,575	\$367,586,524

Public Service Company of North Carolina, Inc.
Docket No. G-5, Sub 661
Summary of Demand and Storage Charges
For the Twelve Months Ended March 31, 2023
Schedule 2

	Gas Flow Month	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	
	Reporting Month	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Total
	DEMAND & STORAGE COSTS:													
1	Transco FT Reservation - 1002264	31,633	30,677	31,699	30,677	31,699	31,699	30,677	31,699	30,677	31,699	31,699	28,632	373,168
2	Transco FT Reservation - 1003703	2,293,501	2,224,190	2,298,329	2,224,190	2,298,329	2,298,329	2,224,190	2,298,329	2,224,190	2,298,329	2,298,329	2,075,910	27,056,148
3	Transco FT Reservation - 1004996										110,606	110,606	99,902	321,115
4	Transco FT Reservation - 1006505	23,678	22,966	23,731	22,966	23,731	23,731	22,966	23,731	22,966	23,731	23,731	21,435	279,365
5	Transco Southern Expansion - 1004190	418,359								405,671	465,770	465,770	420,696	2,176,265
6	Transco FT Momentum - 9103562	168,702	163,794	169,254	163,794	169,254	169,254	163,794	169,254	163,794	169,254	169,254	152,874	1,992,275
7	Transco FT Reservation - 9130053	162,806	157,909	163,173	157,909	163,173	163,173	157,909	163,173	157,909	163,173	163,173	147,382	1,920,859
8	Transco FT Reservation - 1012381/1012387	20,518	19,888	20,551	19,888	20,551	20,551	19,888	20,551	19,888	20,551	20,551	18,562	241,934
9	Transco Southeast Expansion - 1012028	527,449	511,452	528,500	511,452	528,500	528,500	511,452	528,500	511,452	528,500	528,500	477,355	6,221,615
10	Transco Southeast Trail Project - 9223476	1,199,942	1,162,836	1,201,597	1,162,836	1,201,597	1,201,597	1,162,836	1,201,597	1,162,836	1,201,597	1,201,597	1,085,314	14,146,183
11	Transco FT Reservation - 9178381	1,718,919	1,666,350	1,721,895	1,666,350	1,721,895	1,721,895	1,666,350	1,721,895	1,666,350	1,721,895	1,721,895	1,555,260	20,270,949
12	Eastern Gas Transmission	322,004	330,085	330,085	330,085	330,085	330,085	330,085	330,085	330,085	543,087	543,087	457,408	4,633,589
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)	417,500	417,500	417,500	417,500	417,500	417,500	417,500	417,500	417,500	417,500	417,500	417,500	5,010,000
16	Columbia Gas Transmission FT Reservation	334,728	171,211	171,971	171,971	171,971	171,971	171,971	343,951	343,951	343,845	343,845	343,845	3,085,229
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	473,845	459,170	474,475	459,170	474,475	474,475	459,170	474,475	452,850	467,945	467,945	422,660	5,560,653
19	City of Monroe	3,892	4,167	2,358	4,097	2,383	2,842	4,015	2,695	2,703	2,286	4,349	2,214	38,001
20	Piedmont Redelivery Agreement	760	760	760	760	760	760	760	760	760	760	760	760	9,120
21	Firm Backhaul Capacity on Transco													
22	GSS Demand and Capacity	144,361	184,580	190,733	184,580	190,733	190,733	184,580	190,733	184,830	190,991	172,731	156,015	2,165,601
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	229,819	240,101	240,101	240,101	240,101	240,101	240,101	240,101	240,101	240,101	240,101	240,101	2,870,933
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	172,821	326,596	326,596	326,596	326,596	326,596	326,596	326,596	327,398	327,398	267,337	267,337	3,648,463
30	Pine Needle	247,279	239,303	277,599	268,645	277,599	277,599	268,645	277,599	268,645	277,599	277,599	250,735	3,208,847
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	265,625	133,333	133,333	133,333	133,333	133,333	133,333	133,333	805,333	805,333	805,333	805,333	4,420,292
33	TOTAL DEMAND & STORAGE COSTS EXPENSED	\$9,932,732	\$9,210,989	\$9,478,831	\$9,241,020	\$9,478,855	\$9,479,314	\$9,240,938	\$9,651,148	\$10,697,011	\$11,106,541	\$10,944,604	\$10,170,417	\$118,632,402

Public Service Company of North Carolina, Inc.
Docket No. G-5, Sub 661
Summary of Commodity Gas Cost
For the Twelve Months Ended March 31, 2023
Schedule 3

Gas Flow Month	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Total
Reporting Month	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	
COMMODITY COSTS INCURRED													
Contract # 16	0	0	0	0	0	0	0	0	295,148	4,140,622	0	109,100	4,544,870
Contract # 118	0	1,979,165	3,018,854	3,679,229	2,712,252	3,688,663	3,315,301	2,117,915	1,601,956	2,714,189	1,882,067	1,106,271	27,815,862
Contract # 64	199,250	174,500	2,236,650	0	0	0	84,800	121,738	1,487,450	1,728,519	0	0	6,032,907
Contract # 46	3,211,220	0	0	0	0	0	0	0	692,900	1,728,000	1,670,900	932,400	8,235,420
Contract # 74	992,200	2,129,588	0	455,478	0	0	256,850	3,951,230	1,298,183	1,807,121	619,445	184,013	11,694,105
Contract # 1	6,522,780	4,463,336	4,743,942	2,402,326	4,157,821	2,391,194	3,206,481	5,824,425	4,828,051	9,208,922	4,548,245	2,802,526	55,100,049
Contract # 111	1,626,167	1,240,535	4,392,675	3,135,000	2,185,950	2,506,915	2,155,110	2,361,895	1,880,690	2,377,991	955,784	513,480	25,332,193
Contract # 130	214,650	63,000	111,375	73,500	0	4,389,600	5,874,861	3,072,865	283,500	1,160,525	112,500	0	15,356,376
Contract # 86	0	0	0	0	148,000	0	0	0	0	467,500	0	0	615,500
Contract # 135	0	0	0	0	0	0	0	0	0	0	510,876	0	510,876
Contract # 129	2,602,356	0	0	0	0	0	0	0	3,675,052	8,113,696	3,985,342	1,800,612	20,177,057
Contract # 94	0	0	0	0	0	0	0	0	0	0	234,100	301,988	536,088
Contract # 128	0	0	0	0	0	0	98,765	0	128,500	0	0	0	227,265
Contract # 34	1,766,904	2,157,150	1,725,775	2,107,226	1,119,100	2,160,700	2,009,000	2,343,740	2,633,275	6,539,277	4,792,075	1,567,600	30,921,822
Contract # 133	0	0	0	137,700	0	0	0	0	0	0	0	0	137,700
Contract # T26	324	35	24	91	60	20	126	139	690	1,878	425	304	4,117
Contract # 134	0	0	0	0	0	249,925	337,830	0	0	0	0	0	587,755
Contract # 110	0	0	0	128,550	0	371,660	594,417	270,985	1,555,500	2,421,370	1,633,700	869,400	7,845,581
Contract # 123	0	228,268	74,475	3,668,892	0	0	0	1,079,023	0	1,829,613	1,227,250	235,175	8,342,694
Contract # 49	70,050	0	310,950	0	0	0	0	299,963	1,737,000	2,489,450	1,833,850	973,000	7,714,263
Contract # 9	0	0	0	0	0	0	62,350	522,920	2,849,039	7,837,771	1,817,041	802,843	13,891,964
Contract # 124	0	2,364,750	0	0	0	0	0	0	0	0	0	0	2,364,750
Contract # 121	0	3,396,131	5,744,370	6,079,119	4,943,151	7,699,139	6,440,488	4,205,919	195,755	580,306	972,775	113,100	40,370,251
Contract # 132	0	30,299	38,681	49,652	39,764	76,679	55,584	38,868	0	0	4,212,388	0	4,541,914
Contract # 54	5,848,317	156,000	74,200	0	0	0	0	171,100	3,960,576	7,123,781	0	1,730,050	19,064,025
Contract # 127	0	0	0	0	0	0	0	0	0	453,136	0	0	453,136
Contract # 131	2,122,065	1,801,070	74,150	124,125	2,250,600	1,573,472	439,600	1,045,450	266,910	1,820,787	219,087	0	11,737,317
Transco Cash Out	(879)	0	0	0	0	0	0	0	(29,157)	0	(62,254)	(1,533)	(93,824)
Monroe Cash Out	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation Pooling Cash Out	(186,372)	(106,651)	(263,313)	(193,162)	(459,798)	(819,791)	(333,872)	(196,811)	583,178	528,977	(328,153)	168,748	(1,607,020)
Miscellaneous Charges (a)	0	0	0	12,689	0	5,891	0	0	28,591	0	0	0	47,171
Secondary Market Transactions:													
Contract # 46	0	0	(1,948,050)	(360,400)	(1,960,200)	0	0	0	(930,750)	(514,150)	0	0	(5,713,550)
Contract # 111	0	0	0	0	0	0	0	(64,645)	0	0	0	0	(64,645)
Contract # 129	(1,055,700)	0	0	0	0	0	(4,814)	0	0	0	0	(35,777)	(1,096,290)
Contract # 54	0	0	0	0	0	0	0	0	0	0	0	(34,575)	(34,575)
Bundled Sales	(578,012)	0	0	0	0	0	0	0	0	0	0	0	(578,012)
Facilities Damages	(9,290)	(2,414)	(6,880)	(7,645)	(17,209)	(9,508)	(16,508)	(9,612)	(3,554)	(4,555)	(35,636)	(5,750)	(128,562)
Reservation Fees	490,135	237,931	245,862	237,931	245,862	245,862	237,931	245,862	13,500	13,950	13,950	12,600	2,241,378
Pipeline Transportation Charges	153,989	163,730	106,846	88,864	88,212	84,207	103,649	184,468	181,518	331,386	278,097	187,182	1,952,149
Withdrawal/Injection Fees	45,878	49,817	42,220	40,504	38,772	98,097	137,340	182,883	141,202	69,962	75,426	115,468	1,037,570
TOTAL COMMODITY COSTS INCURRED	24,036,032	20,526,240	20,722,807	21,859,669	15,492,336	24,712,725	25,055,290	27,770,318	29,354,703	64,970,021	31,169,279	14,448,225	320,117,645

Public Service Company of North Carolina, Inc.
Docket No. G-5, Sub 661
Summary of Commodity Gas Cost
For the Twelve Months Ended March 31, 2023
Schedule 3

Gas Flow Month	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	
Reporting Month	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Total
STORAGE INJECTIONS													
Columbia Storage	0	(1,114,619)	(1,484,250)	(1,814,899)	(1,460,934)	(2,199,348)	(1,813,676)	(1,222,804)	0	0	0	0	(11,110,529)
Cove Point LNG	0	(23,083)	(30,175)	(36,897)	(29,701)	(44,713)	(36,872)	(24,848)	0	0	0	0	(226,290)
DTI GSS	0	(1,151,883)	(1,505,787)	(1,841,233)	(1,482,132)	(2,231,261)	(1,839,992)	(1,240,535)	0	0	0	0	(11,292,823)
Transco Eminence	(278,330)	(261,190)	(467,243)	(603,520)	(152,047)	(275,374)	(86,030)	(399,732)	(110,006)	(523,685)	(398,671)	(80,144)	(3,635,972)
Transco ESS	(143,215)	(91,648)	(104,198)	(174,268)	0	0	(59,430)	(229,317)	(55,003)	(272,000)	(218,007)	(49,970)	(1,397,055)
Transco GSS	(278,959)	(931,775)	(1,398,590)	(1,247,286)	(1,045,721)	(810,618)	(806,084)	(989,433)	(461,217)	(739,454)	(260,491)	(105,900)	(9,075,526)
Transco LGA	0	0	0	0	0	0	0	0	0	0	0	0	0
LNG	(15,818)	(15,000)	(16,000)	(16,000)	(14,680)	(376,395)	(328,999)	(663,943)	(372,770)	(15,000)	(180,045)	(80,365)	(2,095,014)
Pine Needle	(95,754)	(209,369)	(259,580)	(543,792)	(143,447)	(447,602)	0	(262,743)	(140,588)	(287,211)	(118,853)	(14,176)	(2,523,114)
Saltville	(497,981)	0	0	0	0	0	(1,586,256)	(1,294,982)	(276,341)	(433,372)	(1,045,691)	(168,662)	(5,303,284)
Transco WSS	(233,191)	(452,151)	(777,380)	(1,471,752)	(730,027)	(1,276,362)	(1,685,612)	(1,136,938)	(535,537)	(582,254)	(342,567)	(81,125)	(9,304,895)
TOTAL STORAGE INJECTIONS	(1,543,248)	(4,250,718)	(6,043,202)	(7,749,647)	(5,058,687)	(7,661,674)	(8,242,951)	(7,465,275)	(1,951,460)	(2,852,976)	(2,564,325)	(580,341)	(55,964,504)
STORAGE WITHDRAWALS													
Columbia Storage	108,832	0	0	0	0	0	0	0	1,055,094	1,399,921	1,452,696	2,025,800	6,042,342
Cove Point LNG	0	0	0	0	0	0	0	0	0	253,356	0	0	253,356
DTI GSS	94,740	0	0	0	0	0	0	0	812,262	2,138,548	334,953	167,444	3,547,947
Transco Eminence	185,003	71,376	0	0	249,001	165,581	0	498,569	407,790	236,357	761,587	611,709	3,186,974
Transco ESS	158,565	98,469	0	0	0	0	0	125,644	239,395	0	311,640	358,439	1,292,152
Transco GSS	701,812	302,548	1,970	45,316	188,221	0	0	559,687	772,993	930,817	993,560	288,792	4,785,714
Transco LGA	0	0	0	0	0	0	0	0	0	0	0	0	0
LNG	105,932	78,928	81,494	76,211	79,618	63,776	82,842	6,881	63,848	1,549,718	72,227	102,057	2,363,530
Pine Needle	156,188	110,564	9	0	0	0	0	0	173,447	231,118	57,658	0	728,985
Saltville	191,600	310,050	0	0	0	0	0	270,226	785,200	1,262,100	730,800	587,650	4,137,626
Transco WSS	570,439	458,447	0	2,437	0	0	0	0	1,013,295	519,063	1,548,566	1,993,489	6,105,736
TOTAL STORAGE WITHDRAWALS	2,273,110	1,430,383	83,473	123,964	516,839	229,357	82,842	1,461,006	5,323,324	8,520,996	6,263,688	6,135,380	32,444,362
TOTAL COMMODITY COSTS EXPENSED	\$24,765,895	\$17,705,904	\$14,763,078	\$14,233,986	\$10,950,487	\$17,280,408	\$16,895,181	\$21,766,050	\$32,726,566	\$70,638,041	\$34,868,642	\$20,003,264	\$296,597,503

(a) W Va & Mississippi property taxes

Public Service Company of North Carolina, Inc.
Docket No. G-5, Sub 661
Summary of Other Cost of Gas Charges (Credits)
For the Twelve Months Ended March 31, 2023
Schedule 4

Gas Flow Month		Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	
Reporting Month		Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Total
Item														
1	Unbilled Deliveries													
Deferred Account Activity:														
2	Sales Customers Only	(4,916,896)	(5,302,921)	(4,729,511)	(2,550,466)	(7,745,353)	(5,378,407)	6,712,086	13,069,438	4,227,857	22,456,664	5,613,412	954,260	22,410,163
3	All-Customers	(9,807,390)	(9,900,373)	(9,398,479)	(7,816,549)	(8,090,115)	(7,125,099)	(4,273,050)	(1,529,416)	9,080,064	6,256,483	1,609,086	506,645	(40,488,194)
4	Miscellaneous charges (a)	(13,990,884)	(6,541,473)	(2,307,285)	(300,980)	55,291	519,087	6,698,524	3,497,750	15,837,651	(2,777,455)	(16,639,524)	(7,985,963)	(23,935,262)
Demand and Storage Costs:														
5	Reverse prior month estimate	(9,928,840)	(9,206,821)	(9,476,473)	(9,236,923)	(9,476,473)	(9,476,473)	(9,236,923)	(9,648,453)	(10,694,308)	(11,104,255)	(10,940,256)	(10,168,203)	(118,594,400)
6	Current month estimate	9,206,821	9,476,473	9,236,923	9,476,473	9,476,473	9,236,923	9,648,453	10,694,308	11,104,255	10,940,256	10,168,203	10,783,073	119,448,633
Commodity Costs:														
7	Reverse prior month estimate	(24,943,976)	(18,084,174)	(15,192,789)	(14,582,969)	(11,550,412)	(17,980,863)	(16,923,494)	(22,040,208)	(31,004,304)	(68,258,906)	(35,662,311)	(19,971,574)	(296,195,978)
8	Current month estimate	18,084,174	15,192,789	14,582,969	11,550,412	17,980,863	16,923,494	22,040,208	31,004,304	68,258,906	35,662,311	19,971,574	18,459,656	289,711,658
9	TOTAL OTHER COST OF GAS	(\$36,296,990)	(\$24,366,501)	(\$17,284,645)	(\$13,461,001)	(\$9,349,726)	(\$13,281,339)	\$14,665,803	\$25,047,724	\$66,810,120	(\$6,824,902)	(\$25,879,816)	(\$7,422,106)	(\$47,643,381)

(a) Miscellaneous charges:

IMT Deferral	(275,059)	(226,027)	(193,883)	(144,869)	(131,467)	(175,786)	(147,416)	(112,234)	525,295	(32,808)	(273,945)	157,966	(1,030,232)
Trailer Gas	0	0	0	0	0	0	0	0	3,704	0	0	9,353	13,057
CUT Deferral	(12,161,494)	(6,197,589)	(2,022,995)	(23,048)	331,116	869,814	4,925,825	100,421	8,004,752	(8,549,185)	(20,251,016)	(11,910,384)	(46,883,782)
CUT Increment/(Decrement)	(1,520,233)	(100,455)	(81,873)	(125,805)	(137,048)	(167,225)	1,935,201	3,552,873	7,378,823	5,894,136	3,975,497	3,828,268	24,432,159
High Efficiency Discount Rate	(34,098)	(17,402)	(8,534)	(7,258)	(7,310)	(7,717)	(15,087)	(43,310)	(74,923)	(89,599)	(90,061)	(71,165)	(466,464)
	(\$13,990,884)	(\$6,541,473)	(\$2,307,285)	(\$300,980)	\$55,291	\$519,087	\$6,698,524	\$3,497,750	\$15,837,651	(\$2,777,455)	(\$16,639,524)	(\$7,985,963)	(\$23,935,262)

Public Service Company of North Carolina, Inc.
Docket No. G-5, Sub 661
Summary of Demand and Storage Rate Changes
For the Twelve Months Ended March 31, 2023
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
04/01/22	RP22-00654-001	Columbia Gas Transmission SST Demand Chg	\$9.69100	\$9.47300	\$0.21800			
04/01/22		Columbia Gas Transmission FSS - Reservation Charge	\$2.59200	\$2.48100	\$0.11100			
04/01/22		Columbia Gas Transmission FSS - Capacity Charge	\$0.04670	\$0.04470	\$0.00200			
05/01/22	RP22-00763-000	Columbia Gas Transmission SST Demand Chg	\$9.73400	\$9.69100	\$0.04300			
12/01/22	RP23-00126-000	Columbia Gas Transmission SST Demand Chg	\$9.73100	\$9.73400	(\$0.00300)			
04/01/22	RP21-01187-006	Eastern Gas Transmission FTNN	\$7.00580	\$4.15530	\$2.85050			
04/01/22		Eastern Gas Transmission FT	\$2.43490	\$2.02800	\$0.40690			
04/01/22		Eastern Gas Transmission GSS Demand	\$3.25480	\$1.86550	\$1.38930			
11/01/22	RP22-01283-000	Eastern Gas Transmission FTNN	\$7.07440	\$7.00580	\$0.06860			
11/01/22		Eastern Gas Transmission GSS Demand	\$3.26760	\$3.25480	\$0.01280			
11/01/22	RP21-01187-010	Eastern Gas Transmission FTNN	\$5.96740	\$7.07440	(\$1.10700)			
11/01/22		Eastern Gas Transmission FT	\$1.91550	\$2.43490	(\$0.51940)			
11/01/22		Eastern Gas Transmission GSS Demand	\$2.67840	\$3.26760	(\$0.58920)			
11/01/22		Eastern Gas Transmission GSS Capacity Charge	\$0.02580	\$0.03180	(\$0.00600)			
05/01/22	RP22-00749-000	Pine Needle LNG-1 Demand Charge	\$0.08652	\$0.07707	\$0.00945			
04/01/22	RP22-00669-000	Transco FT Reservation Charge - Zone 1 to Zone 5	\$0.48335	\$0.48232	\$0.00103			
04/01/22		Transco FT Reservation Charge - Zone 2 to Zone 5	\$0.46988	\$0.46885	\$0.00103			
04/01/22		Transco FT Reservation Charge - Zone 3 to Zone 5	\$0.43451	\$0.43362	\$0.00089			
04/01/22		Transco FT Reservation Charge - Zone 4 to Zone 5	\$0.38202	\$0.38126	\$0.00076			
04/01/22		Transco FT Reservation Charge - Zone 2 to Zone 6	\$0.54718	\$0.54595	\$0.00123			
04/01/22		Transco FT Reservation Charge - Zone 3 to Zone 6	\$0.51181	\$0.51072	\$0.00109			
04/01/22		Transco FT Reservation Charge - Zone 6 to Zone 6	\$0.12810	\$0.12790	\$0.00020			
04/01/22		Transco FT - Zone 1 to Zone 5 Former PS Rate Schedule	\$0.87744	\$0.87487	\$0.00257			
04/01/22		Transco FT - Zone 2 to Zone 5 Former PS Rate Schedule	\$0.85335	\$0.85082	\$0.00253			
04/01/22		Transco FT - Zone 3 to Zone 5 Former PS Rate Schedule	\$0.79013	\$0.78792	\$0.00221			
04/01/22		Transco FT - Zone 3 to Zone 5 Electric Power Unit Rate	\$0.00502	\$0.00413	\$0.00089			
04/01/22		Transco FT - Zone 4 to Zone 6 Electric Power Unit Rate	\$0.00545	\$0.00449	\$0.00096			
04/01/22		Transco FT - Zone 3 to Zone 5 Momentum Expansion	\$0.27299	\$0.27210	\$0.00089			
04/01/22		Transco FT - Zone 5 to Zone 3 Southeastern Trail Project	\$0.00502	\$0.00413	\$0.00089			
04/01/22	RP22-00845-000	Transco GSS Demand	\$0.13161	\$0.10537	\$0.02624			
04/01/22		Transco GSS Demand	\$0.00097	\$0.00063	\$0.00034			
11/01/22	RP23-00087-000	Transco GSS Demand	\$0.13186	\$0.13161	\$0.00025			
11/01/22	RP23-00361-000	Transco GSS Demand	\$0.12076	\$0.13186	(\$0.01110)			
11/01/22		Transco GSS Capacity Charge	\$0.00085	\$0.00097	(\$0.00012)			
		Cardinal Pipeline Zone 1B Reservation Charge	\$0.03941	\$0.03932	\$0.00009	04/01/22	G-39, Sub 48	03/29/22
		Cardinal Pipeline Zone 2 Reservation Charge	\$0.08111	\$0.08102	\$0.00009			

Public Service Company of North Carolina, Inc.
Docket No. G-5, Sub 661
Summary of Demand and Storage Capacity Level Changes
For the Twelve Months Ended March 31, 2023
Schedule 6

Effective Date of Change	Description of Service	New Daily Demand Level	Previous Daily Demand Level	Increase(Decrease) Daily Demand Level	North Carolina Utilities Commission Action Effective Date	Docket Number	Order Date
11/01/22	Transco Firm Transportation Zone 5 to Zone 5	6,000	0	6,000		N/A	
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	
11/01/21	Transco Firm Transportation Zone 5 to Zone 5	0	21,000	(21,000)		N/A	
04/01/21	Transco Firm Transportation Zone 5 to Zone 5	0	34,000	(34,000)		N/A	

Public Service Company of North Carolina, Inc.
Docket No. G-5, Sub 661
Summary of Demand and Storage Costs
Incurred versus Collected
For the Twelve Months Ended March 31, 2023
Schedule 7

Gas Flow Month	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	
Reporting Month	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Total
Item													
1 Demand & Storage Costs Expensed	\$9,932,732	\$9,210,989	\$9,478,831	\$9,241,020	\$9,478,855	\$9,479,314	\$9,240,938	\$9,651,148	\$10,697,011	\$11,106,541	\$10,944,604	\$10,170,417	\$118,632,402
2 Prior Month True Up	(722,019)	269,652	(239,550)	239,550	0	(239,550)	411,530	1,045,855	409,947	(163,999)	(772,053)	614,870	\$854,232
3 Current Month True Up													
4 Demand & Storage Costs Incurred	9,210,713	9,480,640	9,239,281	9,480,570	9,478,855	9,239,765	9,652,468	10,697,003	11,106,958	10,942,542	10,172,552	10,785,286	119,486,634
5 Demand & Storage Costs Billed	1,775,775	1,862,945	1,434,017	1,681,926	1,767,983	1,982,186	4,434,321	7,413,235	14,512,115	11,722,034	8,356,071	8,108,586	65,051,194
6 Incurred (Over) Under Collected	\$7,434,938	\$7,617,696	\$7,805,264	\$7,798,643	\$7,710,872	\$7,257,579	\$5,218,147	\$3,283,768	(\$3,405,157)	(\$779,493)	\$1,816,481	\$2,676,701	\$54,435,440

Public Service Company of North Carolina, Inc.
Docket No. G-5, Sub 661
Summary of Deferred Account Activity
Sales Customers Only Account
For the Twelve Months Ended March 31, 2023
Schedule 8

Month	Beginning Balance	Commodity Cost (Over) Under Collections	Uncollectible Gas Cost	Hedging Activity	(Increment)/ Decrement	Rounding & Miscellaneous Adjustments	Interest	Ending Balance
Apr-22	\$10,922,343	\$4,916,201	\$84,940			\$695	\$73,559	\$15,997,739
May-22	\$15,997,739	\$5,302,921	\$194,585			\$0	\$102,731	\$21,597,975
Jun-22	\$21,597,975	\$4,729,511	\$310,467			\$0	\$132,166	\$26,770,119
Jul-22	\$26,770,119	\$2,550,466	\$361,638			\$0	\$154,679	\$29,836,902
Aug-22	\$29,836,902	\$7,745,353	\$260,095			\$0	\$185,441	\$38,027,791
Sep-22	\$38,027,791	\$5,392,520	\$88,006			(\$14,112)	\$223,370	\$43,717,575
Oct-22	\$43,717,575	(\$6,712,086)	(\$79,590)			\$0	\$220,963	\$37,146,863
Nov-22	\$37,146,863	(\$13,071,399)	(\$78,751)	(\$9,818,653)		\$1,961	\$140,636	\$14,320,656
Dec-22	\$14,320,656	(\$4,231,561)	(\$39,927)			\$3,704	\$66,783	\$10,119,657
Jan-23	\$10,119,657	(\$22,037,642)	(\$1,251)			(\$419,022)	(\$6,079)	(\$12,344,338)
Feb-23	(\$12,344,338)	(\$5,613,412)	\$30,357			\$0	(\$82,945)	(\$18,010,337)
Mar-23	(\$18,010,337)	(\$965,809)	\$66,643			\$11,548	(\$101,129)	(\$18,999,083)
Total		(\$21,994,938)	\$1,197,212	(\$9,818,653)	\$0	(\$415,226)	\$1,110,178	

Public Service Company of North Carolina, Inc.
Docket No. G-5, Sub 661
Summary of Deferred Account Activity
All Customers Account
For the Twelve Months Ended March 31, 2023
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-22	\$26,767,209	2,718,807	7,434,938	(346,466)	110	(2,142,257)	(2,021,177)	162,149	\$32,573,313
May-22	\$32,573,313	2,644,706	7,617,696	(362,029)	0	(2,023,978)	0	200,083	\$40,649,792
Jun-22	\$40,649,792	1,872,536	7,805,264	(279,321)	0	(2,206,013)	0	242,468	\$48,084,727
Jul-22	\$48,084,727	344,830	7,798,643	(326,925)	0	(2,630,548)	(7,121)	277,694	\$53,541,302
Aug-22	\$53,541,302	724,326	7,710,872	(345,083)	0	(3,081,854)	0	307,129	\$58,856,693
Sep-22	\$58,856,693	253,591	7,257,579	(386,066)	(4)	(2,798,852)	0	334,389	\$63,517,329
Oct-22	\$63,517,329	(79,321)	5,218,147	(865,777)	0	(2,430,537)	(8,594)	353,100	\$65,704,347
Nov-22	\$65,704,348	(302,043)	3,283,768	(1,452,309)	0	(2,217,893)	0	358,173	\$65,374,044
Dec-22	\$65,374,044	(27,188)	(3,405,157)	(5,647,719)	0	(4,600,121)	0	320,766	\$52,014,626
Jan-23	\$52,014,626	(633,557)	(779,493)	(4,590,368)	(253,066)	(4,800,552)	(3,771)	254,734	\$41,208,554
Feb-23	\$41,208,554	(149,876)	1,816,481	(3,275,691)	0	(4,840,626)	(1,106,241)	205,120	\$33,857,720
Mar-23	\$33,857,720	(2,879)	2,676,701	(3,179,029)	(1,438)	(4,658,821)	0	171,387	\$28,863,641
Total		\$7,363,933	\$54,435,440	(\$21,056,781)	(\$254,397)	(\$38,432,050)	(\$3,146,903)	\$3,187,191	

Public Service Company of North Carolina, Inc.
Docket No. G-5, Sub 661
Summary of Gas Supply
For the Twelve Months Ended March 31, 2023
Schedule 10

Gas Flow Month	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	
Reporting Month	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Total
SOURCES OF SUPPLY AT CITY GATE													
Contract # 16	0	0	0	0	0	0	0	0	48,000	581,300	0	40,000	669,300
Contract # 118	0	453,937	471,696	456,480	471,696	471,696	422,868	471,696	426,052	453,120	471,696	425,489	4,996,426
Contract # 64	40,000	25,000	310,000	0	0	0	10,000	25,000	240,000	271,751	0	0	921,751
Contract # 114	0	0	0	0	0	0	0	0	0	0	0	0	0
Contract # 46	780,301	0	0	0	0	0	0	0	130,000	240,000	310,000	280,000	1,740,301
Contract # 74	205,000	335,000	0	52,000	0	0	40,000	616,230	212,000	293,381	189,825	75,000	2,018,436
Contract # 1	1,421,796	845,937	644,099	263,163	588,248	210,947	376,296	952,267	858,609	1,445,307	1,271,931	1,117,461	9,996,061
Contract # 111	389,161	178,000	598,000	355,000	225,000	274,000	241,000	440,986	389,930	397,961	257,261	205,268	3,951,567
Contract # 130	45,000	10,000	15,000	10,000	0	310,000	669,002	461,851	45,000	145,000	30,000	0	1,740,853
Contract # 86	0	0	0	0	20,000	0	0	0	0	68,000	0	0	88,000
Contract # 135	0	0	0	0	0	0	0	0	0	0	147,156	0	147,156
Contract # 129	535,000	0	0	0	0	0	0	0	590,000	1,225,000	1,185,000	725,000	4,260,000
Contract # 94	0	0	0	0	0	0	0	0	0	0	80,000	120,000	200,000
Contract # 128	0	0	0	0	0	0	13,004	0	20,000	0	0	0	33,004
Contract # 34	359,773	370,000	235,000	238,621	155,000	155,000	210,000	379,550	445,000	924,450	1,268,000	577,000	5,317,394
Contract # 133	0	0	0	15,000	0	0	0	0	0	0	0	0	15,000
Contract # 78	0	0	0	0	0	0	0	0	0	0	0	0	0
Contract # T26	33	(3)	0	6	4	0	7	(8)	52	60	6	33	190
Contract # 134	0	0	0	0	0	25,000	39,000	0	0	0	0	0	64,000
Contract # 110	0	0	0	15,000	0	39,827	68,700	43,000	300,000	361,000	310,000	280,000	1,417,527
Contract # 123	0	40,300	10,000	405,800	0	0	0	208,000	0	315,000	360,000	95,000	1,434,100
Contract # 49	15,000	0	40,000	0	0	0	0	58,000	315,000	335,000	340,000	280,000	1,383,000
Contract # 9	0	0	0	0	0	0	10,000	93,000	509,742	1,235,388	655,000	355,000	2,858,130
Contract # 124	0	450,000	0	0	0	0	0	0	0	0	0	0	450,000
Contract # 121	0	724,697	838,697	724,697	734,697	734,697	727,697	753,521	43,890	99,100	241,500	45,000	5,668,193
Contract # 132	0	4,286	4,286	4,286	4,286	4,286	4,286	4,284	0	0	1,268,000	0	1,298,000
Contract # 54	1,216,100	20,000	10,000	0	0	0	0	30,000	664,964	1,160,774	0	715,000	3,816,838
Contract # 127	0	0	0	0	0	0	0	0	0	80,000	0	0	80,000
Contract # 126	0	0	0	0	0	0	0	0	0	0	0	0	0
Contract # 131	433,845	284,700	10,000	15,000	310,000	159,246	60,000	180,000	62,000	263,199	64,204	0	1,842,194
Transco Cash Out	(190)	0	0	0	0	0	0	0	(5,726)	0	(10,692)	(477)	(17,085)
Transportation Pooling Cash Out	(36,092)	(13,931)	(28,027)	(17,172)	(54,143)	(55,241)	(31,663)	(23,145)	151,704	140,850	(52,669)	70,312	50,783
Secondary Market Transactions													0
Contract # 46	0	0	(270,000)	(40,000)	(270,000)	0	0	0	(170,000)	(70,000)	0	0	(820,000)
Contract # 111	0	0	0	0	0	0	0	(10,929)	0	0	0	0	(10,929)
Contract # 129	(230,000)	0	0	0	0	0	(614)	0	0	0	0	(15,000)	(245,614)
Contract # 54	0	0	0	0	0	0	0	0	0	0	0	(15,000)	(15,000)
Bundled Sales	(125,860)	0	0	0	0	0	0	0	0	0	0	0	(125,860)
Facilities Damages	(1,956)	(508)	(1,448)	(1,330)	(2,993)	(1,654)	(2,871)	(1,202)	(444)	(651)	(5,091)	(1,353)	(21,500)
Subtotal	5,046,911	3,727,415	2,887,303	2,496,551	2,181,795	2,327,804	2,856,712	4,682,101	5,275,773	9,964,990	8,381,127	5,373,733	55,202,216
Supplier Fuel Use	(75,794)	(71,773)	(51,745)	(45,042)	(38,959)	(53,214)	(63,459)	(106,287)	(107,479)	(175,706)	(148,473)	(106,371)	(1,044,302)
TOTAL SUPPLY TO CITY GATE	4,971,117	3,655,642	2,835,558	2,451,509	2,142,836	2,274,590	2,793,253	4,575,814	5,168,294	9,789,284	8,232,654	5,267,362	54,157,914

Public Service Company of North Carolina, Inc.
Docket No. G-5, Sub 661
Summary of Gas Supply
For the Twelve Months Ended March 31, 2023
Schedule 10

Gas Flow Month	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	
Reporting Month	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Total
STORAGE INJECTIONS													
Columbia Storage	0	(206,057)	(206,057)	(206,057)	(206,057)	(206,057)	(206,057)	(206,057)	0	0	0	0	(1,442,399)
Cove Point LNG	0	(4,286)	(4,286)	(4,286)	(4,286)	(4,286)	(4,286)	(4,284)	0	0	0	0	(30,000)
DTI GSS	0	(210,820)	(210,820)	(210,820)	(210,820)	(210,820)	(210,820)	(210,820)	0	0	0	0	(1,475,740)
Transco Eminence	(60,169)	(48,497)	(66,366)	(70,105)	(21,941)	(26,396)	(10,000)	(68,917)	(20,000)	(80,838)	(108,479)	(30,473)	(612,181)
Transco ESS	(30,960)	(17,017)	(14,800)	(20,243)	0	0	(6,908)	(39,536)	(10,000)	(41,987)	(59,320)	(19,000)	(259,771)
Transco GSS	(58,840)	(168,002)	(192,910)	(140,701)	(146,545)	(75,457)	(90,993)	(165,660)	(81,431)	(110,849)	(68,834)	(39,103)	(1,339,325)
Transco LGA	0	0	0	0	0	0	0	0	0	0	0	0	0
LNG	0	0	0	0	(69)	(28,411)	(25,469)	(91,738)	(48,982)	0	(44,909)	0	(239,578)
Pine Needle	(20,496)	(38,493)	(35,394)	(60,636)	(19,872)	(41,186)	0	(43,484)	(24,536)	(42,558)	(31,044)	(5,174)	(362,873)
Saltville	(105,549)	0	0	0	0	0	(180,026)	(217,994)	(49,080)	(65,349)	(277,957)	(62,649)	(958,604)
Transco WSS	(49,388)	(82,610)	(108,650)	(168,226)	(103,661)	(120,385)	(192,796)	(192,885)	(95,806)	(88,440)	(91,721)	(30,351)	(1,324,919)
TOTAL STORAGE INJECTIONS	(325,402)	(775,782)	(839,283)	(881,074)	(713,251)	(712,998)	(927,355)	(1,241,375)	(329,835)	(430,021)	(682,264)	(186,750)	(8,045,390)
STORAGE WITHDRAWALS													
Columbia Storage	35,335	0	0	0	0	0	0	0	190,107	252,238	261,747	365,009	1,104,436
Cove Point LNG	0	0	0	0	0	0	0	0	0	65,130	0	0	65,130
DTI GSS	32,669	0	0	0	0	0	0	0	161,163	424,315	66,459	33,223	717,829
Transco Eminence	38,948	15,284	0	0	38,545	25,474	0	71,326	61,138	36,030	116,629	115,635	519,009
Transco ESS	36,620	22,533	0	0	0	0	0	25,434	47,405	0	59,360	72,266	263,618
Transco GSS	205,810	85,951	500	9,916	36,906	0	0	95,673	131,910	159,114	167,831	49,706	943,317
Transco LGA	0	0	0	0	0	0	0	0	0	0	0	0	0
LNG	17,423	12,939	13,316	12,392	12,904	10,303	12,804	1,027	9,445	227,565	10,575	15,370	356,063
Pine Needle	53,489	37,227	3	0	0	0	0	0	41,004	54,126	13,134	0	198,983
Saltville	40,000	65,000	0	0	0	0	0	44,445	130,000	210,000	120,000	115,000	724,445
Transco WSS	177,155	140,198	0	664	0	0	0	0	196,375	100,399	296,093	386,335	1,297,219
TOTAL STORAGE WITHDRAWALS	637,449	379,132	13,819	22,972	88,355	35,777	12,804	237,905	968,547	1,528,917	1,111,828	1,152,544	6,190,049
COMPANY USE VOLUMES	(14,403)	(8,895)	(6,993)	(5,811)	(8,467)	(5,996)	(2,875)	(16,103)	(17,255)	(41,654)	(42,677)	(32,108)	(203,237)
GAS SUPPLY FOR DELIVERY	5,268,761	3,250,097	2,003,101	1,587,596	1,509,473	1,591,373	1,875,827	3,556,241	5,789,751	10,846,526	8,619,541	6,201,048	52,099,336

Public Service Company of North Carolina, Inc.
Docket No. G-5, Sub 661
Hedging Deferred Account Activity
For the Twelve Months Ended March 31, 2023
Creel Direct Exhibit 2

	Item	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Total
1	Beginning balance	(\$9,818,653)	(\$10,747,921)	(\$11,535,820)	(\$11,947,544)	(\$12,675,005)	(\$13,453,638)	(\$14,124,497)	(\$14,173,054)	(\$4,216,708)	(\$3,530,927)	(\$3,550,276)	(\$3,536,782)	(\$9,818,653)
	Broker Transactions													
2	Premium	86,050	79,000	74,250	0	153,300	197,900	0	0	705,420	0	32,720	70,590	1,399,230
3	Settle	(960,335)	(806,818)	(422,580)	(660,490)	(861,600)	(795,750)	27,330	183,310	0	0	0	0	(4,296,933)
4	Fees	1,215	810	775	311	1,064	2,349	1,436	4,633	1,532	0	138	349	14,611
5	Margin Requirement													
	OTC Transactions													
6	Premium													
7	Settle													
8	Fees													
9	Swaps (Proceeds) / Costs													
	Other													
10	Interest													
11	Move to Sales Customer D/A								9,818,653					9,818,653
12	Sub-total	(10,691,723)	(11,474,929)	(11,883,375)	(12,607,724)	(13,382,241)	(14,049,139)	(14,095,731)	(4,166,458)	(3,509,756)	(3,530,927)	(3,517,417)	(3,465,844)	(2,883,092)
13	Interest	(56,198)	(60,891)	(64,169)	(67,281)	(71,397)	(75,358)	(77,323)	(50,250)	(21,171)	(19,349)	(19,365)	(19,187)	(601,939)
14	Ending balance	(\$10,747,921)	(\$11,535,820)	(\$11,947,544)	(\$12,675,005)	(\$13,453,638)	(\$14,124,497)	(\$14,173,054)	(\$4,216,708)	(\$3,530,927)	(\$3,550,276)	(\$3,536,782)	(\$3,485,031)	(\$3,485,031)

Public Service Company of North Carolina, Incorporated
Docket No. G-5, Sub 661
Creel Direct Exhibit 3
2023 Deferred Account Interest Rate

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

Public Service Company of North Carolina, Inc.
Docket No. G-5, Sub 661
Overcollection Tax Rider Activity
As of March 31, 2023
Creel Direct Exhibit 4

	Item	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Total
1	Beginning Levelized balance	(\$18,690,999)	(\$16,221,055)	(\$13,842,601)	(\$9,512,471)	(\$6,411,611)	(\$5,344,853)	(\$4,675,253)	(\$4,247,514)	(\$3,897,495)	(\$3,459,779)	(\$2,994,041)	(\$2,477,902)	(\$1,383,788)	(\$1,401,334)	(\$1,371,805)	(\$1,371,886)	(\$1,371,886)	(\$18,690,999)
2	Refund	(2,469,943)	(2,378,454)	(4,330,130)	(3,100,860)	(1,066,758)	(669,600)	(427,739)	(350,019)	(437,715)	(465,738)	(516,137)	(1,094,113)	17,546	(29,529)	0	0	0	(\$17,319,191)
3	Miscellaneous Adjustments											2				(80)		(691)	(\$769)
4	Ending balance	(\$16,221,055)	(\$13,842,601)	(\$9,512,471)	(\$6,411,611)	(\$5,344,853)	(\$4,675,253)	(\$4,247,514)	(\$3,897,495)	(\$3,459,779)	(\$2,994,041)	(\$2,477,902)	(\$1,383,788)	(\$1,401,334)	(\$1,371,805)	(\$1,371,886)	(\$1,371,886)	(\$1,372,576)	(\$1,372,576)

1 Docket No. G-5, Sub 632 and 634