

Date of Issue: August 12, 2025

Department of General Services
Energy and Resource Management Office
401 North Street, Room 403 North Office, Harrisburg, PA 17120

Bulletin Number 2

on

Project No. GESA 2025-2 – Request for Quotes for a Guaranteed Energy Savings
Project at:

Department of Transportation, Pittsburgh Tunnels, Pennsylvania

Quote Submission Deadline: Tuesday, August 26, 2025 2:00PM EST

Time of Opening: 2:00 PM

RFQ Changes

1. Replace Appendix C “Small Diverse Business and Veteran Business Enterprise Participation Summary Sheet” with Attachment A of this bulletin.

Request for Information

1. Appendix ‘N’, GESA Design Manual Section 1.6 ELECTRICAL, Subsection B. MINIMUM DESIGN CRITERIA states that “Construction stage lighting shall meet OSHA, Standards for Light Levels.” This statement seems to imply that light levels for the contractor personnel work areas should meet OSHA light levels; however, it does not seem applicable to proper temporary roadway lighting levels in the tunnels during construction. IES RP-8-25, Chapter 19 “Temporary and Work Zone Lighting”, seems to be a more appropriate reference for proper temporary roadway lighting levels in the tunnels during construction. Please advise/clarify. **Contractors shall meet all OSHA requirements during construction. In addition, temporary roadway lighting needs to meet all applicable standards for roadway lighting.**
2. Appendix ‘R’, Core Energy Conservation Measures ECM #1 states that “Corrosion resistant fixture housings and conduits may be required.” For the tunnel luminaires, should we take this to mean that corrosion resistant fixture housings and related conduit whips/fittings SHALL be required? **Existing conduits may be re-used by contractor, but all whips/fittings/fixtures shall be replaced and need to be corrosion and fire resistant.**
3. ECM #1 Corrosion resistant fixture housings: The existing Tunnel Lighting System is comprised of HID Luminaires constructed of all aluminum bodies and related appurtenances. The aluminum luminaires have demonstrated significant corrosion caused by various conditions within the tunnels. Additionally, the lighting system and other electrical installations within the three (3) Pittsburgh Tunnels were recently

designed and constructed to utilize a specialized anchoring system, i.e., Under-Cut anchors. Although not mentioned specifically in the RFQ, it is understood that the under-cut anchor is a mandatory means of anchorage support. Please confirm that our understanding is consistent with the intended requirements and best tunnel anchorage practices. **Yes, Grade 316 Stainless Steel Fixtures and undercut anchors are required.**

4. Should the tunnel lighting upgrades include the cross-passageway lighting? **Yes.**
5. Appendix 'N', GESA Design Manual has various sections that cite certain NFPA Standards however, the RFQ makes no specific reference to NFPA 502 (NFPA Standard for Road Tunnels and Tunnel Systems). Will any/all of the tunnels' systems (and therefore ECMs) be required to meet NFPA 502? **Follow all applicable NFPA Standards.**
6. Please clarify whether the SCADA systems for all three tunnels are to be interconnected to allow for remote communication and control. **Each tunnel will need an updated SCADA, and they should be interconnected to allow remote communication and control. There needs to be access controls and security measures in the system to allow remote access.**
7. Are we responsible for traffic control plans? **Yes.**
8. Will storage and parking be available? **There is limited parking at each tunnel and DOT tunnel staff will need parking for daily operations. Any extra parking spaces not utilized by DOT tunnel staff may be utilized for the contractor. Contractors should anticipate needing additional parking and/or storage for tools/material/equipment.**
9. Do existing fixtures have remote ballasts? **No.**
10. Is DOT looking to match the lighting fixtures similar to ones found in the updated turnpike tunnels? **The fixtures should be similar.**
11. Confirm that exit lighting is not applicable to this project. **All lighting is applicable to this project.**
12. Does DOT prefer to replace existing HID tunnel fixtures with new LED fixtures, one for one, using the same output photometrics OR completely new lighting installations, wiring and raceways? **New fixtures should be provided. The awarded ESCO shall determine if new wiring, conduit, or raceways will be needed. The awarded ESCO shall determine the number of fixtures based upon lighting design.**
13. Can existing tunnel lighting raceway, wiring, and controls be re-used? **This will be determined by the awarded ESCO.**
14. Provide hazardous material test reports for each tunnel. **This information is not available.**
15. Who is the Authority having Jurisdiction for the tunnels? **The Pennsylvania Department of Transportation.**
16. What codes and standards are required for design? IESNA RP8, NFPA 502, NEC, etc.? **All applicable standards need to be followed, Tunnel Lighting falls under IESNA RP8. Other standards that need to be utilized for this work: PA Code Title 34 - Chapter 403, Publication 72M – Highway Design, Publication 203 – Traffic Control, PennDOT Publication 408 and Bulletin 15, etc.**
17. Tunnel emergency lighting will need to switch to emergency power within .5 seconds. The emergency power system will require UPS/batteries to ride through switching between emergency and normal power sources. Verify operation of

emergency system. **Each tunnel has UPS systems in place.**

18. Will emergency system improvements be required? Illumination of emergency exits within the tunnel, CO detection, fire suppression, smoke/fire detection? **Applicable design standards need to be followed for highway tunnels, and safety improvements made accordingly. Recommendations from the ESCO for additional safety improvements are welcomed and may be considered.**
19. How are the existing lighting systems controlled? Are they switched through contactors? Do you want switched or dimming controls for the lighting systems? **Existing lighting is switched through contactors. Switched and dimming controls should be provided depending on illumination requirements throughout the day/night.**
20. Are undercut anchors preferred for tunnel installations over expansion anchors? **Undercut anchors are required.**
21. Provide PaDOT Publication information; manuals and subsections; addressing maintenance and protection of traffic for all tunnel locations. **Publication 213 shall be followed for all maintenance and protection of traffic.**
22. The tunnel currently has no emergency generators. Which systems do you want to supply with backup/emergency power? (Tunnel lighting, control, portal building circuits, etc.) **All life safety systems and lighting shall be on emergency generator.**
23. Only one generator per portal is considered in the RFQ. This is a single point of failure. Should a second generator also be considered for each portal for redundancy? **No.**
24. Do you want docking ports for temporary generators? **Yes.**
25. ECM #6: Please clarify that both the supply and exhaust fans at both portals of the Fort Pitt tunnels and the Squirrel Hill tunnels are to be included in the scope. **Only the supply fans at both portals, at both tunnels, are included in the scope of work.**
26. ECM #6: Please provide the annual hours of operation of the supply and exhaust fan systems at the Fort Pitt tunnels and the Squirrel Hill tunnels. **The fan systems, at both locations, operate approximately 6 hours a day, Monday through Friday, and can vary during weekends and emergency situations.**
27. The Squirrel Hill Tunnel is expected to be shut down for a month, in the summer of 2026, for the bridge replacement project. Would ESCOs have full, unrestricted access to the tunnel to utilize this shut down time to perform the tunnel work? **The awarded ESCO will not have full unrestricted access during this shutdown. The awarded ESCO will need to coordinate work with the contractor for the bridge project. The contractor for bridge project will have priority access through the tunnel for their construction activities however, there may be opportunities to coordinate work inside the tunnel.**
28. Please provide a sample electric bill for each of the Tunnel accounts. **Samples have been included in Attachment B of this bulletin.**



Rebecca Tomlinson, RFQ Coordinator
Energy & Resource Management Office

Please acknowledge receipt of Bulletin by email response to Becky Tomlinson at:
retomlinso@pa.gov

**Attachment A
to
Bulletin No. 2
for
GESA 2025-2 DOT PGH Tunnels**

Small Diverse Business (SDB) and Veteran Business Enterprise (VBE)

Participation Summary Sheet

The Issuing Office and BDISBO have set SDB and VBE Participation Goals for this RFQ. This is a significant programmatic change from the SDB and SB Participation program contained in prior best value solicitations issued by the Commonwealth. Bidders/Offerors now must agree to meet the SDB and VBE Participation Goals in full or demonstrate they have made Good Faith Efforts to meet both Goals. Important information regarding this new program is set forth in Section 3 of the RFQ and the Attachments listed below.

Solicitation/Project #: GESA 2025-2

Issuing Agency: Department of Transportation

Name of Procurement/Project: GESA 2025-2 DOT PGH Tunnels

SDB Participation Goal (for MBE, WBE, LGBTBE, DOBE, and SDVBE): 15%

VBE Participation Goal (for VBE and SDVBE): 3%

* The Issuing Office and BDISBO will re-assess the SDB and VBE Participation Goals after the completing of the IGA and may lower either or both Participation Goals but will not increase either Participation Goal.

Bidder/Offeror Company Name: _____

Bidder/Offeror Contact Name: _____

Bidder/Offeror Contact Email: _____

Bidder/Offeror Contact Phone Number: _____

Attachments:

- SDB-1 Instructions for completing SDB Participation Submittal and SDB Utilization Schedule
- SDB-2 SDB Participation Submittal
- SDB-3 SDB Utilization Schedule
- SDB-4 Guidance for Documenting Good Faith Efforts to meet the SDB Participation goal
- SDB-5 Good Faith Efforts Documentation to Support Waiver Request of SDB Participation Goal

- VBE-1 Instructions for completing VBE Participation Submittal and VBE Utilization Schedule
- VBE-2 VBE Participation Submittal
- VBE-3 VBE Utilization Schedule
- VBE-4 Guidance for Documenting Good Faith Efforts to meet the VBE participation goal
- VBE-5 Good Faith Efforts Documentation to Support Waiver Request of VBE Participation Goal

**Attachment B
to
Bulletin No. 2
for
GESA 2025-2 DOT PGH Tunnels**

General Information

Visit us online or call to learn about payment options, or for a copy of our rate schedules. For questions about your bill, please contact us before the bill due date.

- Online: www.DuquesneLight.com
- Phone: 412-393-7300 TTY Users: 711
- Mail: Dept 6-1
411 7th Ave Ste 3
Pittsburgh, PA 15219-1942

Billing and Service Options

Sign up online for any of the following services:

- **E-Billing** - Free service lets you view bills online
- **Budget Billing** - Levels out payments across the year
- **Start/Stop Service** - If you're moving and need to have your service turned on or off, you must call Customer Service at 412-393-7300 or visit our website
- **Double Notice Protection** - Sends a payment reminder to you and a person you designate

Dollar Energy Fund

Give to Dollar Energy Fund to help people in our community without heat or light. There are several easy ways to donate and your gift is tax deductible.

- Text: Make a one-time donation of \$5 by texting POWER to 50000
- Online: Visit www.DuquesneLight.com and select "Payment Options" from the Account & Billing menu
- Phone: 412-393-7300
- Mail: Make a donation by mailing a check to:

Duquesne Light Hardship Fund Donations
Dept 14-1
411 7th Ave Ste 3
Pittsburgh, PA 15219-1942

Understanding Your Bill

- **Customer Charge** – A monthly basic service charge that includes costs for meter reading, customer billing, service equipment, and other expenses. These expenses are incurred even in months when customers do not use electricity.
- **Demand** – A measure of customer or system load requirements over a measured period of time. The actual demand is the highest average kilowatt usage measured amount of all 15-minute intervals during a billing period. The billing demand is the product of the actual demand and the power factor multiplier which identifies the total power provided to the customer.
- **Distribution Charges** – Basic service charges for delivering electricity over a distribution system to the home or business from the transmission system.
- **Distribution System Improvement Charge (DSIC)** – A charge for company investment to improve service quality and increase safety by repairing, improving, or replacing eligible infrastructure used to deliver electricity.
- **DLC Charges** – Services necessary for the physical delivery of electricity service, such as supply, including default service, transmissions and distribution.
- **Kilowatt (kW)** – A measure of electrical power that is equal to 1,000 watts.
- **Kilowatt-Hour (kWh)** – The basic unit of electric energy for which most customers are charged. It equals the amount of electricity used by 10, 100-watt light bulbs left on for one hour.
- **Meter Multiplier** – The number used to calculate your total electrical usage in kWh (may vary depending on your meter type).
- **Meter Reading** – An actual (Act) reading is a reading taken from the meter. An estimated (Est) reading is used when no actual reading is available and is based on past electric usage.
- **Non-Basic Service Charges** – Any category of service not related to basic service.
- **Smart Meter Charge** – Charges for advanced metering technology and related infrastructure that will provide the ability for features such as two-way communication and interval usage data.
- **Supply Charges** – Basic service charges for generation supply to retail customers.
- **Transmission Charges** – Basic service charges for the cost of transporting electricity over high voltage wires from the generator to the distribution system.

Manage Your
Expenses with

Budget Billing

ENROLL NOW to get
predictable monthly payments
at DuquesneLight.com/budget



SCAN HERE
to register for



DuquesneLight.com/autopay

DLC
DUQUESNE LIGHT CO.

Account Detail

N FT PITT TUNNEL

Supplier Agreement ID: 0048720838

Meter Reading Usage Information

Meter Number	F76766168
Voltage	277/480V
Meter Readings - KWH	
Present 06/17/2025 Act	5,990.6190
Prior 05/18/2025 Act	5,908.3750
Difference	82.2440
Your Meter Multiplier	400
Total kWh Used	32,897.6000
Meter Readings - KVARH	
Present 06/17/2025 Act	76.9200
Prior 05/18/2025 Act	76.9200
Difference	0.0000
Your Meter Multiplier	400
kVARh	0.0000
Meter Readings - KWH	
Meter Number	F76766167
Voltage	277/480V
Meter Readings - KWH	
Present 06/17/2025 Act	9,966.1450
Prior 05/18/2025 Act	9,829.7500
Difference	136.3950
Your Meter Multiplier	400
Total kWh Used	54,558.0000
Meter Readings - KVARH	
Present 06/17/2025 Act	0.6640
Prior 05/18/2025 Act	0.6640
Difference	0.0000
Your Meter Multiplier	400
kVARh	0.0000

Current Bill Details

DLC Rate	GM-Medium Commercial > 200	
DLC Charges		\$3,650.98
Customer Charge		\$81.00
PA EEA Surcharge	40812.6133 kWh@ \$0.002000	\$81.63
PA EEA Surcharge	46642.9867 kWh@ \$-0.000600	-\$27.99
Energy Distribution	87455.6000 kWh@ \$0.014613	\$1,277.99
Demand Distribution	278.2000 kW@ \$8.060000	\$2,242.29
DSIC Surcharge	0.02%	\$0.73
Pennsylvania Tax Adjustment		-\$4.67
Supply Charges - WGL Energy Services, Inc		\$7,726.62
Capacity Charge: 05/18/2025-06/16/2025		\$683.70
Transmission Charge: 05/18/2025-06/16/20		\$813.18
TEC Charge: 05/18/2025-06/16/2025		\$92.66
TEC Resettlement: 05/18/2025-06/16/2025		-\$7.80
Total Use: 87456 kwh at \$0.06505 per kwh		\$5,689.01
Gross Receipts Tax		\$455.87

Active Totalization

Voltage	Prior	Present	On-Peak	Off-Peak	PFM	AdjKW
277/480V	05/18/2025	06/17/2025	184.0000	283.2000	1.0000	283.2000
Total Billed Demand						283.2000

Total kWh Used	87,455.6000	Service Charges	\$11,377.60
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Shopping and Supplier Information

When shopping for electricity with an Electric Generation Supplier, please provide the following information:

Supplier Agreement ID: 0048720838
Rate Schedule: GM-Medium Commercial > 200

The Price to Compare for your rate class is not calculated because supply rates change hourly, with charges based on your load in those hours. See Rider No. 9, Day-Ahead Hourly Price Service, in our tariff, which can be found at www.duquesnelight.com. For more information & supplier offers visit www.PAPowerSwitch.com and www.oca.state.pa.us.

- Generation/Supply prices and charges are set by the electric generation supplier you have chosen
- The Public Utility Commission regulates distribution prices and services
- The Federal Energy Regulatory Commission regulates transmission prices and services



Shopping and Supplier Information

WGL Energy Services, Inc
PO BOX 7600
HAMPTON VA 23666-0600

For questions regarding the supplier portion of your bill, call WGL Energy Services, Inc at (844) 427-5945.

Additional Notifications

- Give to Dollar Energy Fund to help people without heat or light. Make a monthly pledge at www.duquesnelight.com or send a check to Duquesne Light Hardship Fund Donations, 411 Seventh Avenue MD 14-1, Pittsburgh, PA 15219. Your gift is tax deductible.
- DLC offers energy efficiency programs to help customers save money by conserving energy and reducing demand. To participate or learn more about these programs, visit WattChoices.com
- Sign up for AutoPay and learn about other convenient payment options by visiting DuquesneLight.com
- A change in the Transmission rates that went into effect June 1 will increase the monthly bill of an average medium commercial customer (using 280kW & 10,000 kWh) who purchases electric generation from DLC by about \$0.64 or less than 1%.
- Effective Jun. 1, changes in the Energy Efficiency Surcharge, reflecting costs related to the Watt Choices program, will decrease the monthly bill of a medium commercial customer using 280 kW & 10,000 kWh by about \$26 or 1%.
- The Price to Compare for your rate class is not calculated because supply rates change hourly, with charges based on your load in those hours. See Rider No. 9, Day-Ahead Hourly Price Service, in our tariff, which can be found at www.duquesnelight.com.
- Your bill contains \$248.27 in estimated PA State Taxes, of which \$215.41 is PA Gross Receipts Tax.

Duquesne Light

Account number
1837-850-000

Statement date
06/22/2025

Services from
5/18/2025-6/17/2025

Duquesne Light

Fort Pitt Tunnel South - ELE
S Ft Pitt Tunnel
Pittsburgh, PA 15220

\$ 13,427.35
due 7/23/2025

Accounting Period 07 2025 Invoice 183139165080 Bill ID 2788391 Billing Period May 2025

Fort Pitt Tunnel South - ELE [1837-850-000-ELE]

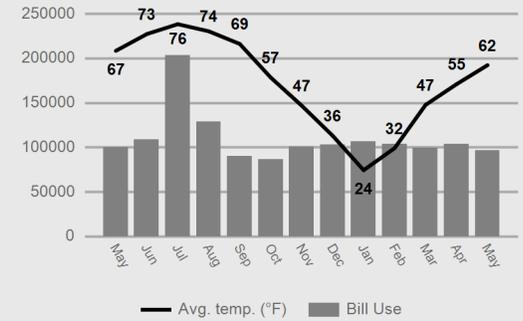
, Pittsburgh PA 15220

Electric Rate GL-LARGE COMMERCIAL Serial # F76766158_F76766116

kWh Used	39,384.8 kWh		
kVARh	3.6 kVARh		
kWh Used	57,439.6 kWh		
kVARh	0 kVARh		
On-Peak	248 kW		
Off-Peak	241.6 kW		
Adj KW	248 kW		
Total Billed Demand	248 kW		
Demand Distribution	300 kW	\$13.250/kW	\$3,975.00
PA EEA Fixed			\$100.03
PA EEA Fixed			\$151.15
PA EEA Variable	99.727 kW		\$20.94
PA EEA Variable	113.974 kW		\$95.74
DSIC Surcharge			\$0.87
Pennsylvania Tax Adjustment			-\$5.55
KWH	96,824.4 kWh		\$6,291.65
Market Charges			\$2,261.26
Gross Receipts Tax			\$536.26
Subtotal	96,824.4 kWh	\$0.139/kWh	\$ 13,427.35

* Informational

BILLS BY BILLING PERIOD



	Mar 2025	Apr 2025	May 2025
Use	99,720 kWh	104,092 kWh	96,824 kWh
Demand	314 kW	304 kW	300 kW
Charges	Mar 2025	Apr 2025	May 2025
Generation	\$6,479.81	\$6,763.92	\$6,291.65
	\$0.065/kWh	\$0.065/kWh	\$0.065/kWh
Delivery	\$6,464.07	\$6,434.76	\$7,135.70
	\$0.065/kWh	\$0.062/kWh	\$0.07/kWh
Total	\$12,943.88	\$13,198.68	\$13,427.35

Account charges

Current Charges (ECBC)	\$ 13,427.35
Amount Due (ECBC)	\$ 13,427.35
Subtotal	

** Account charges are not included in meter statistics*

Total **\$13,427.35**
due 7/23/2025

Duquesne Light

Account number
7784-410-000

Statement date
06/22/2025

Services from
5/18/2025-6/17/2025

Duquesne Light

Liberty Tunnel - ELE
Ruth And Secane St
Pittsburgh, PA 15211

\$ 18,087.59
due 7/23/2025

Accounting Period 07 2025 Invoice 778443535916 Bill ID 2788460 Billing Period May 2025

Liberty Tunnel - ELE [7784-410-000-ELE]

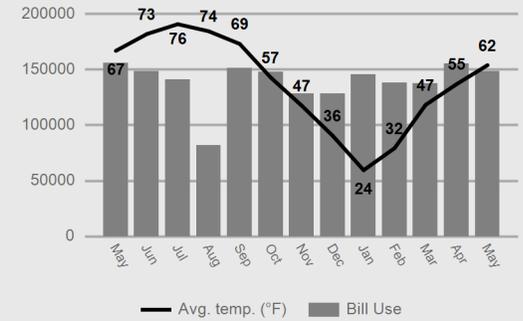
Ruth St & Secane Ave, Pittsburgh PA 15211

Electric Rate GL-LARGE COMMERCIAL Serial # F77324094

kWh Used	65,910.6 kWh		
kVARh	12,069.6 <i>kVARh</i>		
kWh Used	82,602.6 kWh		
kVARh	19,884 <i>kVARh</i>		
On-Peak	295.2 kW		
Off-Peak	304.8 kW		
Adj KW	304.8 kW		
Total Billed Demand	304.8 kW		
Demand Distribution	300 kW	\$13.250/kWh	\$3,975.00
Demand Distribution	4.8 kW	\$11.640/kWh	\$55.87
PA EEA Fixed			\$100.03
PA EEA Fixed			\$151.15
PA EEA Variable	142.265 kW		\$29.88
PA EEA Variable	162.589 kW		\$136.57
DSIC Surcharge			\$0.89
Pennsylvania Tax Adjustment			-\$5.69
KWH	148,513.2 kWh		\$9,650.39
Market Charges			\$3,188.51
Gross Receipts Tax			\$804.99
Subtotal	148,513.2 kWh	\$0.122/kWh	\$ 18,087.59

* Informational

BILLS BY BILLING PERIOD



	Mar 2025	Apr 2025	May 2025
Use	137,802 kWh	155,485 kWh	148,513 kWh
Demand	391 kW	312 kW	305 kW
Charges	Mar 2025	Apr 2025	May 2025
Generation	\$8,954.37	\$10,103.43	\$9,650.39
Delivery	\$0.065/kWh	\$0.065/kWh	\$0.065/kWh
	\$8,165.32	\$7,405.17	\$8,437.20
	\$0.059/kWh	\$0.048/kWh	\$0.06/kWh
Total	\$17,119.69	\$17,508.60	\$18,087.59

Account charges

Current Charges (ECBC)	\$ 18,087.59
Amount Due (ECBC)	\$ 18,087.59
Subtotal	

** Account charges are not included in meter statistics*

Total **\$18,087.59**
due 7/23/2025

Peoples

Account number
210007267698

Statement date
05/21/2025

Services from
4/22/2025-5/21/2025

Peoples
Pittsburgh, PA 15235

Liberty Tunnel Fan House Generator - NG
99 Secane St Generator
Pittsburgh, PA 15211

\$ 86.49
due 6/12/2025

Accounting Period 06 2025 Bill ID 2774183 Billing Period May 2025

Liberty Tunnel Fan House Generator - NG [210007267698-NG]

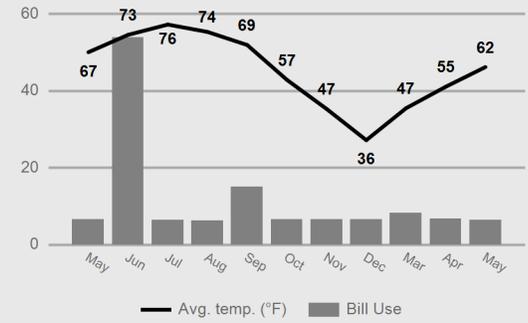
99 Secane Ave, Pittsburgh PA 15211

Natural Gas Rate SMALL GENERAL SERVICE (SGS)(E) (NP) Serial # 830285

Customer Charge			\$22.01
Commodity Charge	6.4 MCF		\$32.00
Delivery Charge	6.4 MCF	\$3.984/MCF	\$25.50
Capacity Charge			\$7.05
Tax Repairs Surcredit			-\$0.29
DSIC Surcharge			\$0.20
State Tax Surcharge			\$0.02
Subtotal	6.4 MCF	\$13.514/MCF	\$ 86.49

* Informational

BILLS BY BILLING PERIOD



	Mar 2025	Apr 2025	May 2025
Use	8 MCF	7 MCF	6 MCF
Charges	\$99.00	\$89.56	\$86.49
	\$12.073/MCF	\$13.171/MCF	\$13.51/MCF

Account charges

Current Charges (ECBC)	\$ 86.49
Amount Due (ECBC)	\$ 86.49
Subtotal	

** Account charges are not included in meter statistics*

Total **\$86.49**
due 6/12/2025

Peoples

Account number
200007801943

Statement date
05/21/2025

Services from
4/22/2025-5/21/2025

Peoples
Pittsburgh, PA 15235

Liberty Tunnel Fan House - NG
98 SECANE ST
Pittsburgh, PA 15211

\$ 126.03
due 6/12/2025

Accounting Period 06 2025 Bill ID 2774194 Billing Period May 2025

Liberty Tunnel Fan House - NG [200007801943]

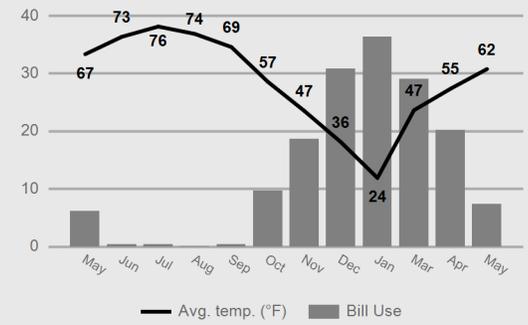
98 Secane Ave, Pittsburgh PA 15211

Natural Gas Rate SMALL GENERAL SERVICE (SGS)(E) (NP) Serial # 849118E

Customer Charge			\$22.01
Commodity Charge	7.4 MCF		\$36.99
Delivery Charge	7.4 MCF	\$3.984/MCF	\$29.48
Capacity Charge			\$8.15
Tax Repairs Surcredit			-\$0.50
DSIC Surcharge			\$0.34
State Tax Surcharge			\$0.04
Weather Normalization Adjustment			\$29.52
Subtotal	7.4 MCF	\$17.031/MCF	\$ 126.03

* Informational

BILLS BY BILLING PERIOD



	Mar 2025	Apr 2025	May 2025
Use	29 MCF	20 MCF	7 MCF
Charges	\$316.09	\$229.69	\$126.03
	\$10.862/MCF	\$11.371/MCF	\$17.03/MCF

Account charges

Current Charges (ECBC)	\$ 126.03
Amount Due (ECBC)	\$ 126.03
Subtotal	

** Account charges are not included in meter statistics*

Total **\$126.03**
due 6/12/2025

Duquesne Light

Squirrel Hill Tunnel West - ELE
W Sq Hill Tunnel
Pittsburgh, PA 15217

\$ 17,678.32
due 5/30/2025

Accounting Period 05 2025 Bill ID 2768289 Billing Period Apr 2025

Squirrel Hill Tunnel West - ELE [8485-000-000-ELE]

, Pittsburgh PA 15217

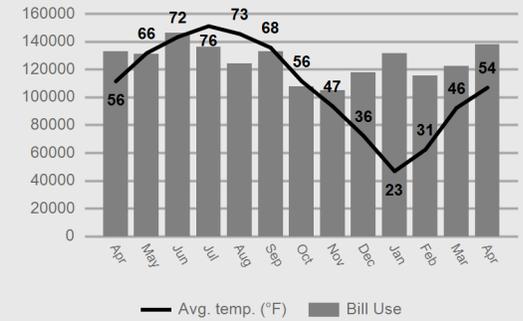
Electric Rate GM-Medium Commercial > 25 Serial # F77324050_F77324051

kVARh	19,672.4 <i>kVARh</i>
kVARh	9,349.6 <i>kVARh</i>
kW On-Peak	392 kW
Adjusted kW	392 kW
Total Billed Demand	392 kW

Customer Charge			\$81.00
PA EEA Surcharge	138,104 kWh		\$276.21
Energy Distribution	138,104 kWh	\$0.015/kWh	\$2,018.11
Demand Distribution	387 kW	\$8.060/kW	\$3,119.22
DSIC Surcharge			\$1.10
Pennsylvania Tax Adjustment			-\$7.02
Total Use	138,104 kWh		\$8,974.00
Market Charge			\$2,394.97
Adjustments			\$107.90
Gross Receipts Tax			\$712.83
Subtotal	138,104 kWh	\$0.128/kWh	\$ 17,678.32

* Informational

BILLS BY BILLING PERIOD



	Feb 2025	Mar 2025	Apr 2025
Use	115,464 kWh	122,426 kWh	138,104 kWh
Demand	346 kW	373 kW	392 kW
Charges	Feb 2025	Mar 2025	Apr 2025
Generation	\$7,502.88	\$7,955.27	\$8,974.00
	\$0.065/kWh	\$0.065/kWh	\$0.065/kWh
Delivery	\$7,521.72	\$7,909.42	\$8,704.32
	\$0.065/kWh	\$0.065/kWh	\$0.06/kWh
Total	\$15,024.60	\$15,864.69	\$17,678.32

Account charges

Current Charges (ECBC)	\$ 17,678.32
Amount Due (ECBC)	\$ 17,678.32
Subtotal	

** Account charges are not included in meter statistics*

Total **\$17,678.32**
due 5/30/2025

Duquesne Light

Squirrel Hill Tunnel East - ELE
E Sq Hill Tunnel
Pittsburgh, PA 15217

\$ 14,568.58
due 7/3/2025

Accounting Period 06 2025 Invoice 208757422963 Bill ID 2776088 Billing Period May 2025

Squirrel Hill Tunnel East - ELE [2087-820-000-ELE]

, Pittsburgh PA 15217

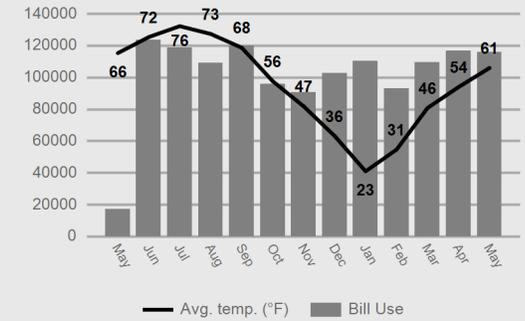
Electric Rate GM-Medium Commercial > 25 Serial # F82361943_F76098533

kVARh	21,785.6 <i>kVARh</i>
kW On-Peak	268.8 kW
Adjusted kW	315.2 kW
Total Billed Demand	315.2 kW

Customer Charge			\$81.00
PA EEA Surcharge	116,053.2 kWh		\$232.11
Energy Distribution	116,053.2 kWh	\$0.015/kWh	\$1,695.89
Demand Distribution	310.2 kW	\$8.060/kW	\$2,500.21
DSIC Surcharge			\$0.90
Pennsylvania Tax Adjustment			-\$5.76
Capacity Charge			\$304.89
Transmission Charge			\$1,458.06
TEC Charge			\$172.69
TEC Resettlement			-\$14.45
Total Use	116,053 kWh		\$7,549.25
Gross Receipts Tax			\$593.79
Subtotal	116,053.2 kWh	\$0.126/kWh	\$ 14,568.58

* Informational

BILLS BY BILLING PERIOD



	Mar 2025	Apr 2025	May 2025
Use	109,457 kWh	116,907 kWh	116,053 kWh
Demand	338 kW	334 kW	315 kW
Charges			
Generation	\$7,120.18	\$7,604.80	\$7,549.25
	\$0.065/kWh	\$0.065/kWh	\$0.065/kWh
Delivery	\$6,989.77	\$7,327.66	\$7,019.33
	\$0.064/kWh	\$0.063/kWh	\$0.06/kWh
Total	\$14,109.95	\$14,932.46	\$14,568.58

Account charges

Current Charges (ECBC)	\$ 14,568.58
Amount Due (ECBC)	\$ 14,568.58
Subtotal	

** Account charges are not included in meter statistics*

Total **\$14,568.58**
due 7/3/2025

Tunnels 11-30

Priority

The Tunnel systems consists of three manned structures, Squirrel Hill Tunnel, Fort Pitt Tunnel and Liberty Tunnel /Fan House, each have their own operating systems with unique attributes. Funding has been limited to maintenance items and replacement of end-of-life systems have been stretched thin. Below is a list of systems that will be an immediate energy savings when replaced.

FT PITT

LENGTH: 3,614

APROX:1372 LIGHT FIXTURES/ 2744 BULBS

ADT: 130,000

Back up power generators at Ft Pitt Tunnel, there will be a need to have one generator on each end of the tunnel to handle the emergency systems when there is a power failure.

Fan Motors, Drives and Housing of ventilation system. There are four primary fresh air fans two on each end of the tunnel that are of a less energy efficient era and replacing these systems would be an electrical savings.

Lighting system, the lighting consists of 2744 Hi pressure sodium bulbs and ballasts with 1372 fixtures.

SQ HILL

LENGTH; 4225

ADT:125,000

Switch Gear, the switch gear is end of life, this provides power to our tunnel systems, one gear on each end of the tunnel, Ft Pitts were replaced in 2019 with a cost of 1.5 mil.

Lighting System, the lighting consists of 4624 Hi pressure sodium bulbs and ballasts with 2312 fixtures.

Fan Motors, Drives and Housing of ventilation system. There are four primary fresh air fans two on each end of the tunnel that are of a less energy efficient era and replacing these systems would be an electrical savings.

LIBERTY

LENGTH:5889

ADT:50,000

Lighting system, the lighting consists of 6432 Hi pressure sodium bulbs and ballasts with 3216 fixtures.

OTHER ITEMS FOR CONSIDERATION

Scada controls, both Ft Pitt and SqHIII

Standpipe, emergency fire systems

Co monitoring system

Drainage system in tunnel