

..DID: 5240
 ..TXT: PSC NO: 8 GAS ADDENDUM TYPE: GAS
 COMPANY: NATIONAL FUEL GAS DISTRIBUTION CORPORATION ADDENDUM NO: 5
 INITIAL EFFECTIVE DATE: 09/30/98
 STAMPS:
 Cancelled by Addendum GAS Number 6 Effective 11/10/1998
 RECEIVED: 09/30/98 STATUS: Cancelled EFFECTIVE: 09/30/98

Service Classification No. 10

Sales Agreement Summary

Town and County of Customer:	City of North Tonawanda, County of Niagara.
Contract Filing Date:	November 12, 1991.
Term:	20 years from start-up date of cogeneration facility; two renewal periods of 5 years each.
Unit Charge (Base Year):	\$ 0.28/Dth.
Facilities Charge:	\$16,830**/month for 180 months.
Winter Requirement Charge (Base Year):	\$12,320/month.
Annual Adjustment Factor:	Method 2, Consumer Price Index Adjustment.
Take-or-Pay Recovery Mechanism:	20-year amortization; 9.5% discount rate.
Security:	Letters of credit covering facilities and gas consumption.
Anticipated Load Factor:	92%
Lost-and-Unaccounted-for Gas Factor:	Actual as measured.
Minimum Delivery Pressure:	325 psig.
Maximum Hourly Quantity:	562.5 Dth.
Maximum Daily Quantity:	13,500 Dth.
Nominated Annual Quantity:	3,510,000 Dth**.
Nominated Monthly Quantities (x 100,000 Dth):	
Jan **: 2.87	May: 3.03 Sep: 2.89
Feb **: 2.54	Jun: 2.97 Oct: 3.07
Mar **: 2.62	Jul: 3.07 Nov: 3.05
Apr: 3.05	Aug: 3.07 Dec **: 2.84
85 Percent Minimum Monthly Bill Provision:	Not subject to.
Maximum Suspension Term:	35 days (840 hours).
Maximum Suspension Term callable by Company:	20 days (480 hours).
Distance of Customer From City Gate:	1.65 miles.
Distance of Customer From Nearest Alternative Fuel Source:	1.65 miles.
End Use:	Cogeneration.

** Estimated; to be resolved upon completion of construction.

** At maximum Company-called suspension (120 hr/month Dec-Mar).

Date of Issue: November 18, 1994

Issued by P.C. Ackerman, President, 10 Lafayette Square, Buffalo NY 14203
 (Name of Officer, Title, Address)

Service Classification No. 16

Sales Agreement Summary

Town and County of Customer: City of Buffalo, County of Erie.

Contract Filing Date: March 30, 1992.

Term: 15 years from start-up date of cogeneration facility.

Base Rate: Years 1-10: \$0.2495/Mcf
Years 11-15 \$0.2795/Mcf

Facilities Charge: \$1,500,000 payment prior to service.

Base Rate Escalator/Deflator: A combination thermal/electric adjustment based on operating efficiencies and indexed to changes in electric energy and fuel costs.

Take-or-Pay Recovery Mechanism: A fixed factor per Mcf amortized over the term of the Agreement.

Security: Letters of Credit covering gas consumption and TOP liability.

Anticipated Load Factor: 92%.

Delivery Pressure: 90 psig.

Maximum Daily Quantity: 15,000 Mcf.

Anticipated Transportation Volume: 3,900,000 Mcf/year

Interruptible Features: Interruptible in the event that system constraints prevent Company from providing transportation service.

Distance of Customer From City Gate: 8.4 miles.

Distance of Customer From Nearest Alternative Fuel Source: 8.4 miles.

End Use: Cogeneration.

Date of Issue: June 19, 1992

Issued by P.C. Ackerman, President, 10 Lafayette Square, Buffalo NY 14203
(Name of Officer, Title, Address)

Service Classification No. 13M

Transportation Agreement Summary

Location: City of Jamestown, County of Chautauqua.

Contract Execution Date: March 2, 1998.

Contract Filing Date: March 10, 1998.

Term: 5 years from February 1, 1998.

Rates and Charges: Minimum Charge: Standard per tariff.
Negotiated Transportation Charge: Less than \$1.37/Mcf.

Anticipated Load Factor: 43.5%.

Delivery Pressure: Standard per tariff.

Maximum Daily Quantity: Standard per tariff.

Anticipated Transportation Volume: Between 5,000 Mcf and 25,000 Mcf per year.

Distance of Customer From City Gate: 7.9 miles.

Distance of Customer From Nearest
Alternative Fuel Source: 9,730 feet (proposed pipeline).

End Use: Space heating.

Date of Issue: March 16, 1998

Issued by P.C. Ackerman, President, 10 Lafayette Square, Buffalo NY 14203
(Name of Officer, Title, Address)

Service Classification No. 13M

Transportation Agreement Summary

Location: City of Jamestown, County of Chautauqua.

Contract Execution Date: March 2, 1998.

Contract Filing Date: March 10, 1998.

Term: 5 years from February 1, 1998.

Rates and Charges: Minimum Charge: Standard per tariff.
Negotiated Transportation Charge: Less than \$1.03/Mcf.

Anticipated Load Factor: 39.8%.

Delivery Pressure: Standard per tariff.

Maximum Daily Quantity: Standard per tariff.

Anticipated Transportation Volume: Between 25,000 Mcf and 50,000 Mcf per year.

Distance of Customer From City Gate: 7.6 miles.

Distance of Customer From Nearest
Alternative Fuel Source: 3,850 feet (proposed pipeline).

End Use: Space heating and manufacturing.

Date of Issue: March 16, 1998

Issued by P.C. Ackerman, President, 10 Lafayette Square, Buffalo NY 14203
(Name of Officer, Title, Address)

Service Classification No. 13M

Transportation Agreement Summary

Location: City of Jamestown, County of Chautauqua.

Contract Execution Date: March 2, 1998.

Contract Filing Date: March 10, 1998.

Term: 5 years from February 1, 1998.

Rates and Charges: Minimum Charge: Standard per tariff.
Negotiated Transportation Charge: Less than \$1.03/Mcf.

Anticipated Load Factor: 43.2%.

Delivery Pressure: Standard per tariff.

Maximum Daily Quantity: Standard per tariff.

Anticipated Transportation Volume: Between 25,000 Mcf and 50,000 Mcf per year.

Distance of Customer From City Gate: 7.8 miles.

Distance of Customer From Nearest
Alternative Fuel Source: 8,500 feet (proposed pipeline).

End Use: Space heating and manufacturing.

Date of Issue: March 16, 1998

Issued by P.C. Ackerman, President, 10 Lafayette Square, Buffalo NY 14203
(Name of Officer, Title, Address)

Service Classification No. 13M

Transportation Agreement Summary

Location: City of Jamestown, County of Chautauqua.

Contract Execution Date: April 27, 1998.

Term: 5 years from April 1, 1998.

Rates and Charges: Minimum Charge: Standard per tariff.
Negotiated Transportation Charge: Less than \$1.37/Mcf.

Anticipated Load Factor: 19%.

Delivery Pressure: Standard per tariff.

Maximum Daily Quantity: Standard per tariff.

Anticipated Transportation Volume: Between 5,000 Mcf and 25,000 Mcf per year.

Distance of Customer From City Gate: 8.2 miles.

Distance of Customer From Nearest
Alternative Fuel Source: 2.8 miles.

End Use: Space heating and manufacturing.

Date of Issue: May 27, 1998

Issued by P.C. Ackerman, President, 10 Lafayette Square, Buffalo NY 14203
(Name of Officer, Title, Address)

Service Classification No. 12

Sales Agreement Summary

Location: Town of Ellicott, County of Chautauqua.

Contract Execution Date: April 29, 1998.

Term: 5 years from date service begins under Agreement.

Rates and Charges: Monthly Standby Demand Charge: SC11 demand component listed in monthly GAC.
Monthly Standby Commodity Charge: SC11 commodity component listed in monthly GAC.

Volumes: Product of SC11 rate times the greater of standby volumes nominated for the month or the actual volumes of gas purchased by National Fuel during the month.

Anticipated Load Factor: 55%.

Delivery Pressure: Standard per tariff.

Maximum Daily Quantity: 19 Mcf.

Anticipated Transportation Volume: Between 1,000 Mcf and 5,000 Mcf per year.

Distance of Customer From City Gate: 8.2 miles.

Distance of Customer From Nearest Alternative Fuel Source: 2.7 miles.

End Use: Space heating and manufacturing.

Date of Issue: May 27, 1998

Issued by P.C. Ackerman, President, 10 Lafayette Square, Buffalo NY 14203
(Name of Officer, Title, Address)

Service Classification No. 12

Sales Agreement Summary

Location: City of Jamestown, County of Chautauqua.

Contract Execution Date: April 29, 1998.

Term: 5 years from date service begins under Agreement.

Rates and Charges: Monthly Standby Demand Charge: SC11 demand component listed in monthly GAC.
Monthly Standby Commodity Charge: SC11 commodity component listed in monthly GAC.

Volumes: Product of SC11 rate times the greater of standby volumes nominated for the month or the actual volumes of gas purchased by National Fuel during the month.

Anticipated Load Factor: 66%.

Delivery Pressure: Standard per tariff.

Maximum Daily Quantity: 4 Mcf.

Anticipated Transportation Volume: Between 1,000 Mcf and 5,000 Mcf per year.

Distance of Customer From City Gate: 8.2 miles.

Distance of Customer From Nearest Alternative Fuel Source: 2.4 miles.

End Use: Space heating and manufacturing.

Date of Issue: May 27, 1998

Issued by P.C. Ackerman, President, 10 Lafayette Square, Buffalo NY 14203
(Name of Officer, Title, Address)

Service Classification No. 12

Sales Agreement Summary

Location: Town of Jamestown, County of Chautauqua.

Contract Execution Date: April 29, 1998.

Term: 5 years from date service begins under Agreement.

Rates and Charges: Monthly Standby Demand Charge: SC11 demand component listed in monthly GAC.
Monthly Standby Commodity Charge: SC11 commodity component listed in monthly GAC.

Volumes: Product of SC11 rate times the greater of standby volumes nominated for the month or the actual volumes of gas purchased by National Fuel during the month.

Anticipated Load Factor: 38%.

Delivery Pressure: Standard per tariff.

Maximum Daily Quantity: 19 Mcf.

Anticipated Transportation Volume: Between 1,000 Mcf and 5,000 Mcf per year.

Distance of Customer From City Gate: 8.2 miles.

Distance of Customer From Nearest Alternative Fuel Source: 2.9 miles.

End Use: Space heating.

Date of Issue: May 27, 1998

Issued by P.C. Ackerman, President, 10 Lafayette Square, Buffalo NY 14203
(Name of Officer, Title, Address)

Service Classification No. 12

Sales Agreement Summary

Location: Town of Jamestown, County of Chautauqua.

Contract Execution Date: April 29, 1998.

Term: 5 years from date service begins under Agreement.

Rates and Charges: Monthly Standby Demand Charge: SC11 demand component listed in monthly GAC.
Monthly Standby Commodity Charge: SC11 commodity component listed in monthly GAC.

Volumes: Product of SC11 rate times the greater of standby volumes nominated for the month or the actual volumes of gas purchased by National Fuel during the month.

Anticipated Load Factor: 45%.

Delivery Pressure: Standard per tariff.

Maximum Daily Quantity: 20 Mcf.

Anticipated Transportation Volume: Between 1,000 Mcf and 5,000 Mcf per year.

Distance of Customer From City Gate: 8.2 miles.

Distance of Customer From Nearest Alternative Fuel Source: 2.8 miles.

End Use: Space heating.

Date of Issue: May 27, 1998

Issued by P.C. Ackerman, President, 10 Lafayette Square, Buffalo NY 14203
(Name of Officer, Title, Address)

Service Classification No. 12

Sales Agreement Summary

Location: Town of Jamestown, County of Chautauqua.

Contract Execution Date: April 29, 1998.

Term: 5 years from date service begins under Agreement.

Rates and Charges: Monthly Standby Demand Charge: SC11 demand component listed in monthly GAC.
Monthly Standby Commodity Charge: SC11 commodity component listed in monthly GAC.

Volumes: Product of SC11 rate times the greater of standby volumes nominated for the month or the actual volumes of gas purchased by National Fuel during the month.

Anticipated Load Factor: 54%.

Delivery Pressure: Standard per tariff.

Maximum Daily Quantity: 15 Mcf.

Anticipated Transportation Volume: Between 1,000 Mcf and 5,000 Mcf per year.

Distance of Customer From City Gate: 8.2 miles.

Distance of Customer From Nearest Alternative Fuel Source: 2.8 miles.

End Use: Space heating and manufacturing.

Date of Issue: May 27, 1998

Issued by P.C. Ackerman, President, 10 Lafayette Square, Buffalo NY 14203
(Name of Officer, Title, Address)

Service Classification No. 13M

Transportation Agreement Summary

Location: Village of Falconer, County of Chautauqua.

Contract Execution Date: June 12, 1998.

Term: 5 years from May 1, 1998.

Rates and Charges: Monthly Minimum Charge: Standard per tariff.
Transportation Charge: Less than \$1.0321/Mcf.

Anticipated Load Factor: 38.8%.

Delivery Pressure: Standard per tariff.

Maximum Daily Quantity: Standard per tariff.

Anticipated Transportation Volume: Between 45,000 Mcf and 75,000 Mcf per year.

Distance of Customer From City Gate: 7.8 miles.

Distance of Customer From Nearest
Alternative Fuel Source: 8,000 feet (proposed line).

End Use: Space heating and processing.

Date of Issue: July 9, 1998

Issued by P.C. Ackerman, President, 10 Lafayette Square, Buffalo NY 14203
(Name of Officer, Title, Address)

Service Classification No. 16

Transportation Agreement Summary

Town and County of Customer: Town of Tonawanda, County of Erie.

Contract Filing Date: June 24, 1998.

Term: 10 years ending July 31, 2008.

Base Rate: Fixed Charge: \$3,000 monthly.
Transportation Charge: less than \$0.3334/Mcf.

Facilities Charge: Minimum annual payment obligation as specified in Agreement.

Base Rate Escalator/Deflator: Annual percentage increase or decrease for the Consumer Price Index for all urban customers for the New York-Northeastern New Jersey area applied to the variable charge for all volumes over 1,000 Mcf per day day.

Take-or-Pay Recovery Mechanism: Per tariff provisions.

Anticipated Load Factor: Contingent upon plant operations under the restructured electric market.

Delivery Pressure: 90 psig.

Maximum Daily Quantity: 15,000 Mcf.

Anticipated Transportation Volume: Contingent upon plant operations under the restructured electric market.

Interruptible Features: Interruptible in the event that system constraints prevent Company from providing transportation service for no more than 30 days during any consecutive 365 day period.

Distance of Customer From City Gate: 3.75 miles.

Distance of Customer From Nearest Alternative Fuel Source: 3.75 miles.

End Use: Cogeneration.

Date of Issue: September 30, 1998

Issued by P.C. Ackerman, President, 10 Lafayette Square, Buffalo NY 14203
(Name of Officer, Title, Address)

Service Classification No. 13M

Transportation Agreement Summary

Location: Town of Olean, County of Cattaraugus.

Contract Execution Date: September 10, 1998.

Term: 5 years effective August 1, 1998.

Rates and Charges: Monthly Minimum Charge: Standard per tariff.
Transportation Charge: Less than \$0.7178/Mcf.

Anticipated Load Factor: 89.7%.

Delivery Pressure: Standard per tariff.

Maximum Daily Quantity: Standard per tariff.

Anticipated Transportation Volume: Between 100,000 Mcf and 150,000 Mcf per year.

Distance of Customer From City Gate: 12 miles.

Distance of Customer From Nearest
Alternative Fuel Source: 1,800 feet.

End Use: Space heating and processing.

Date of Issue: September 30, 1998

Issued by P.C. Ackerman, President, 10 Lafayette Square, Buffalo NY 14203
(Name of Officer, Title, Address)