

..DID: 4543
 ..TXT: PSC NO: 8 GAS ADDENDUM TYPE: GAS
 COMPANY: NATIONAL FUEL GAS DISTRIBUTION CORPORATION ADDENDUM NO: 4
 INITIAL EFFECTIVE DATE: 07/09/98
 STAMPS:
 Cancelled by Addendum GAS Number 5 Effective 09/30/1998
 RECEIVED: 07/09/98 STATUS: Cancelled EFFECTIVE: 07/09/98

Service Classification No. 10
 Appendix A

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
Appendix ASales 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
AppendixTransportation 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
AppendixTransportation 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
AppendixTransportation 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
AppendixTransportation 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
AppendixSales 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
AppendixSales 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
AppendixSales 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
AppendixSales 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
AppendixSales 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
AppendixTransportation 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' (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)