

The background is a nighttime photograph of a city skyline, featuring the Gateway Arch in St. Louis. A large, white, glowing pipe graphic curves across the image from the top right to the bottom left. The city lights are reflected in the water in the foreground.

PANHANDLE EASTERN PIPE LINE AND TRUNKLINE GAS COMPANY

Spring Operations Meeting

April 8, 2014



ENERGY TRANSFER

AGENDA

- **Energy Transfer Update**
- **Operational Overview**
- **Market Services Update**

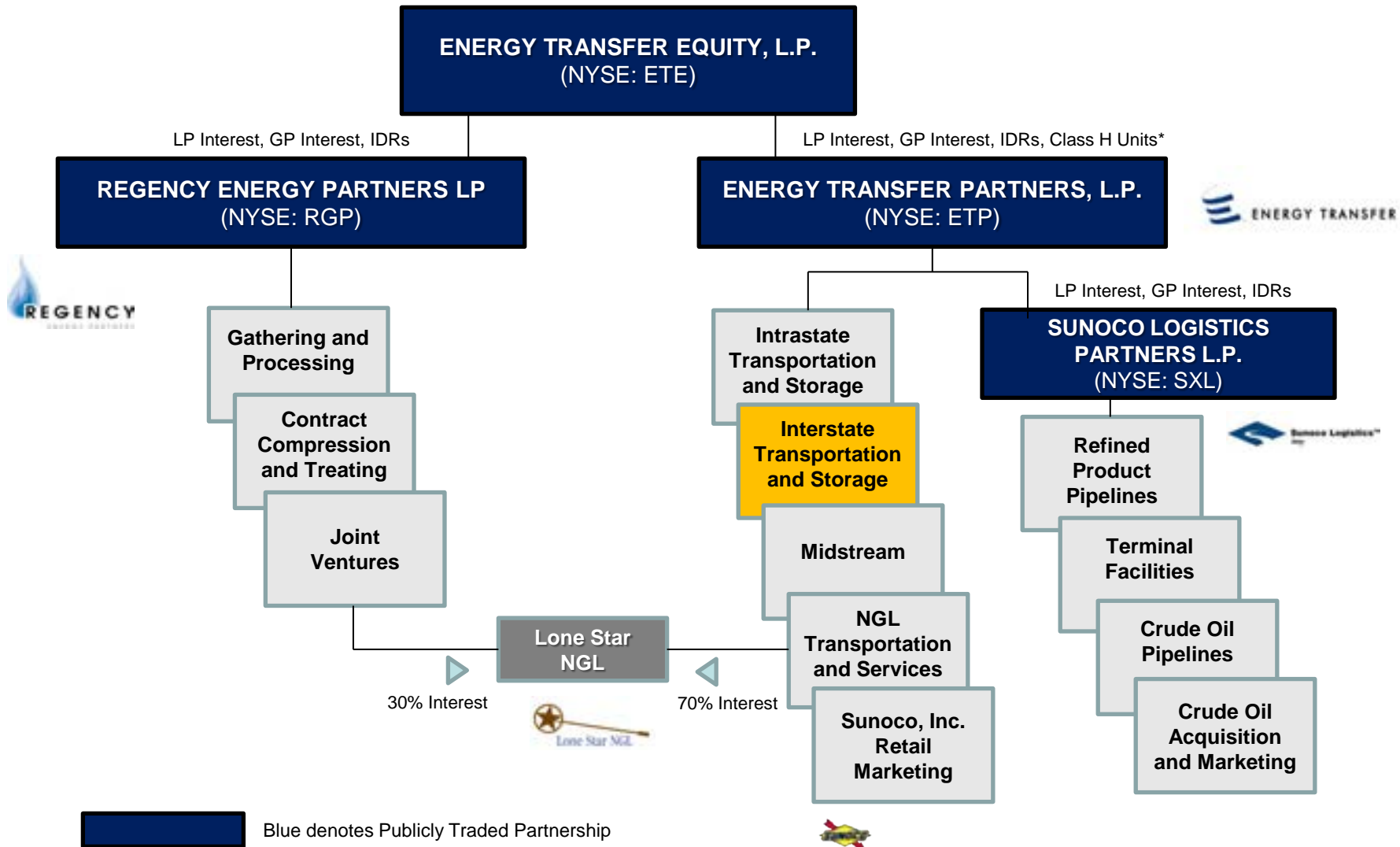


A night-time photograph of the St. Louis skyline, featuring the Gateway Arch as the central focus. The city lights are visible in the background, and the scene is framed by a large, white, curved graphic element that sweeps across the top and bottom of the image.

ENERGY TRANSFER UPDATE

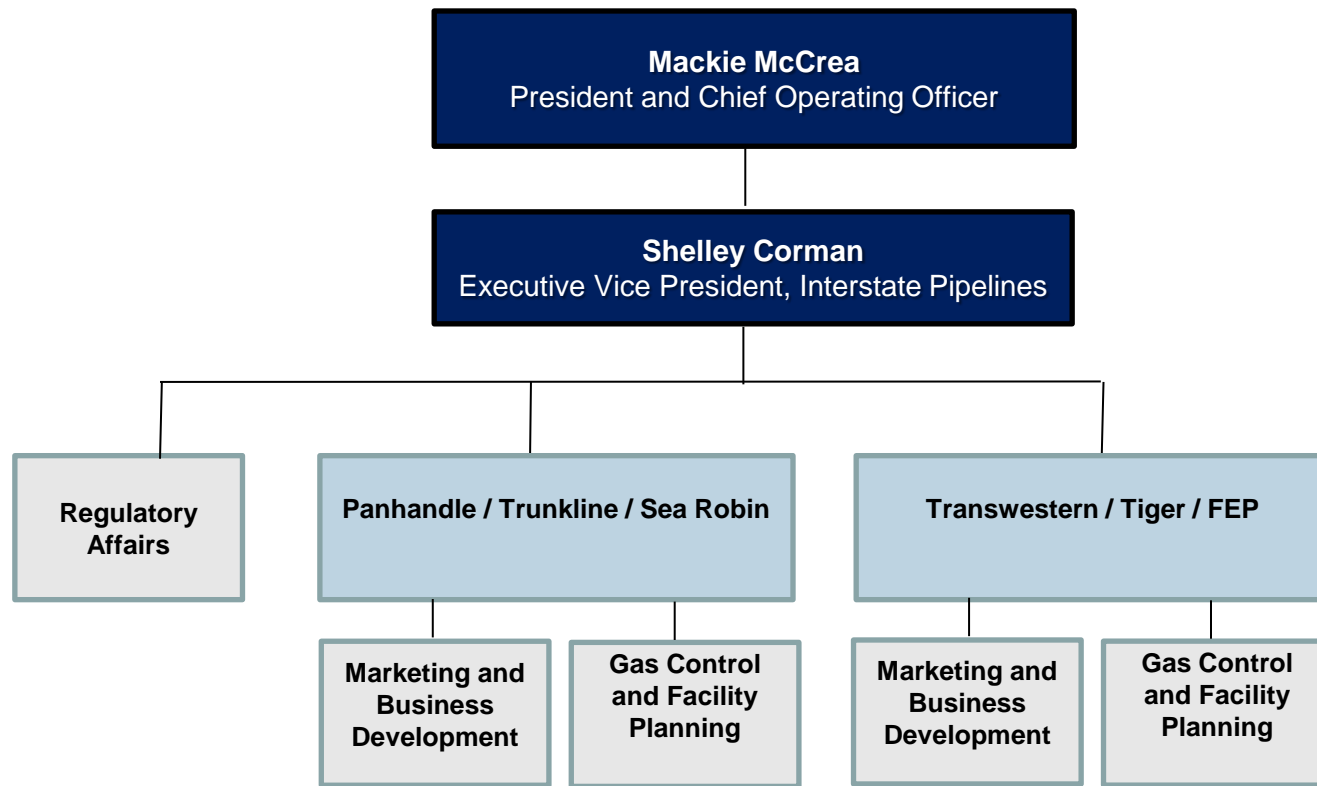
Beth Hickey
Vice President, Marketing & Optimization

ENERGY TRANSFER CORPORATE STRUCTURE



*Class H Units track 50% of the SXL GP and IDR economics

INTERSTATE COMMERCIAL TEAM



TRUNKLINE LNG LIQUEFACTION UPDATE

- **DOE FTA Approval – July 22, 2011**
- **DOE Non-FTA Approval – August 7, 2013**
- **PDA – October 1, 2013**
- **FERC Filing – March 25, 2014**
- **FID – 2015**
- **Commencement of Construction anticipated in 2015**
- **First shipment anticipated in 2019**

“TRUNKLINE 30” ABANDONMENT

- **Initial FERC filing for abandonment – 7/26/2012**
- **FERC issued EA – 4/15/2013**
- **FERC approved abandonment – 11/7/2013**
- **TGC filed implementation plan – 1/6/2014**
- **FERC approved implementation plan – 2/12/2014**
- **Abandonment no later than 11/2014**



OPERATIONAL OVERVIEW

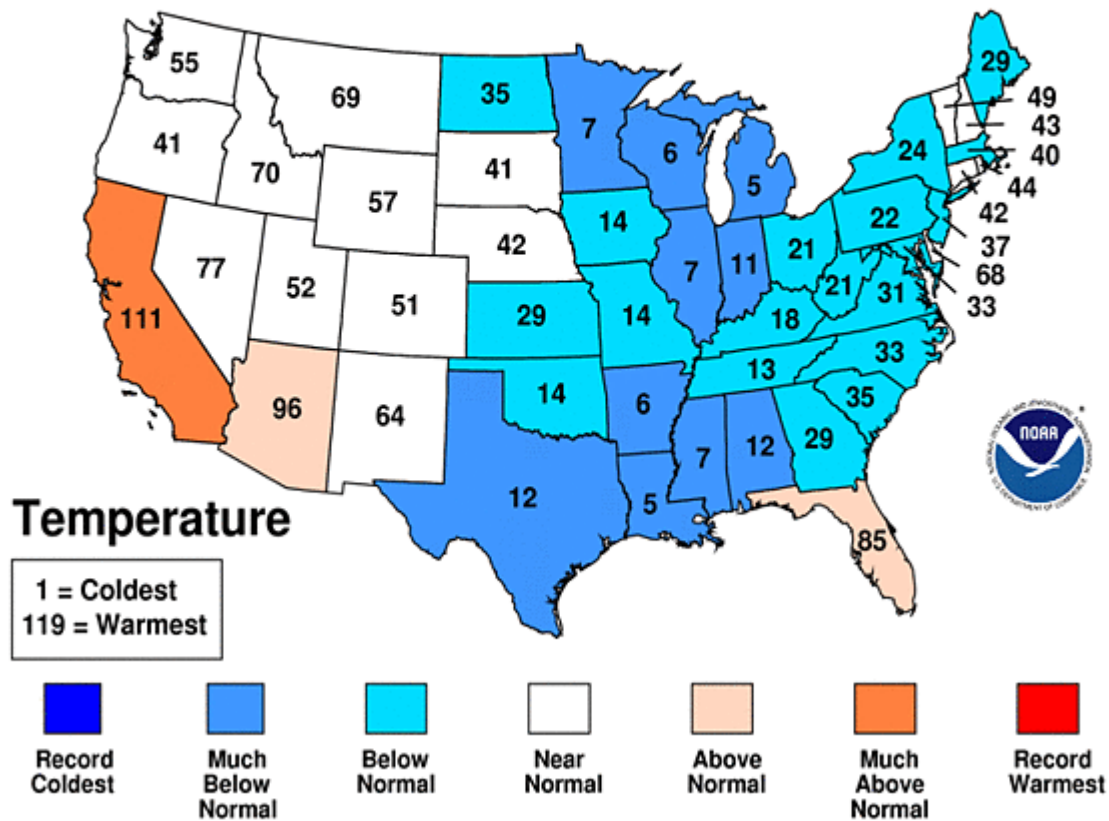
Beth Hickey
Vice President, Marketing & Optimization

WINTER 2013-14 WEATHER



Nov 2013-Jan 2014 Statewide Ranks

National Climatic Data Center/NESDIS/NOAA

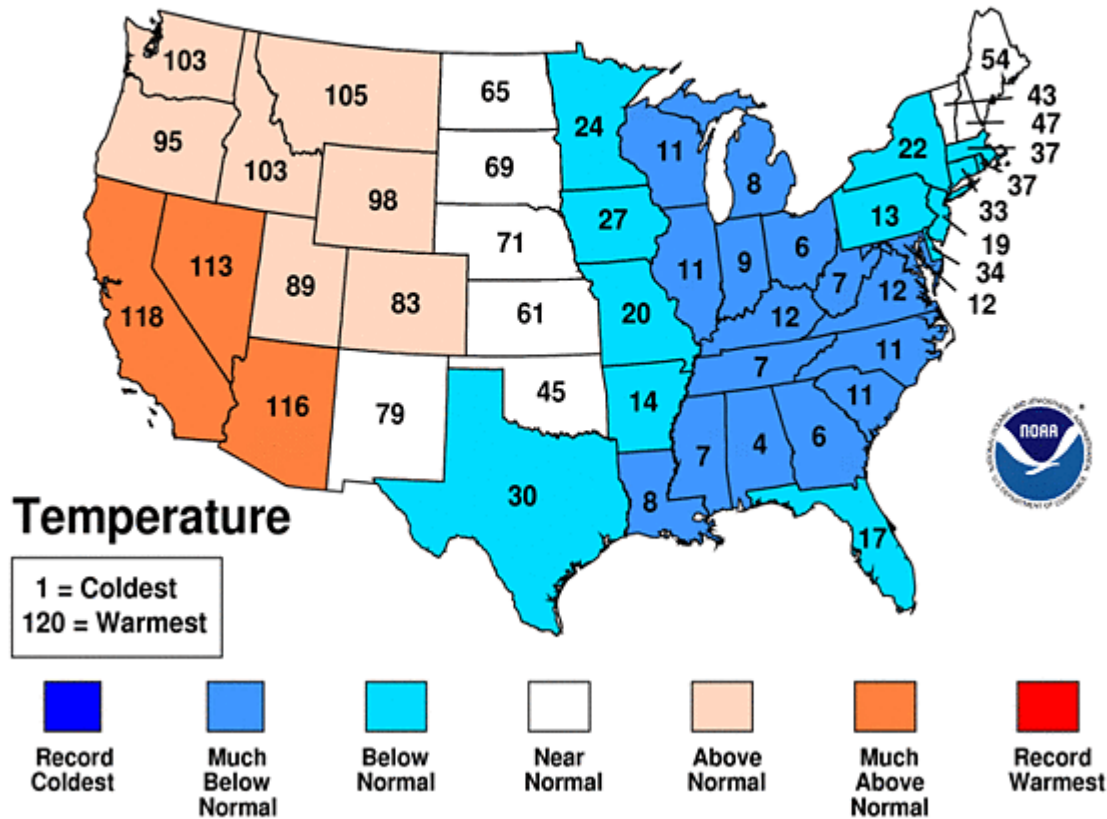


WINTER 2013-14 WEATHER



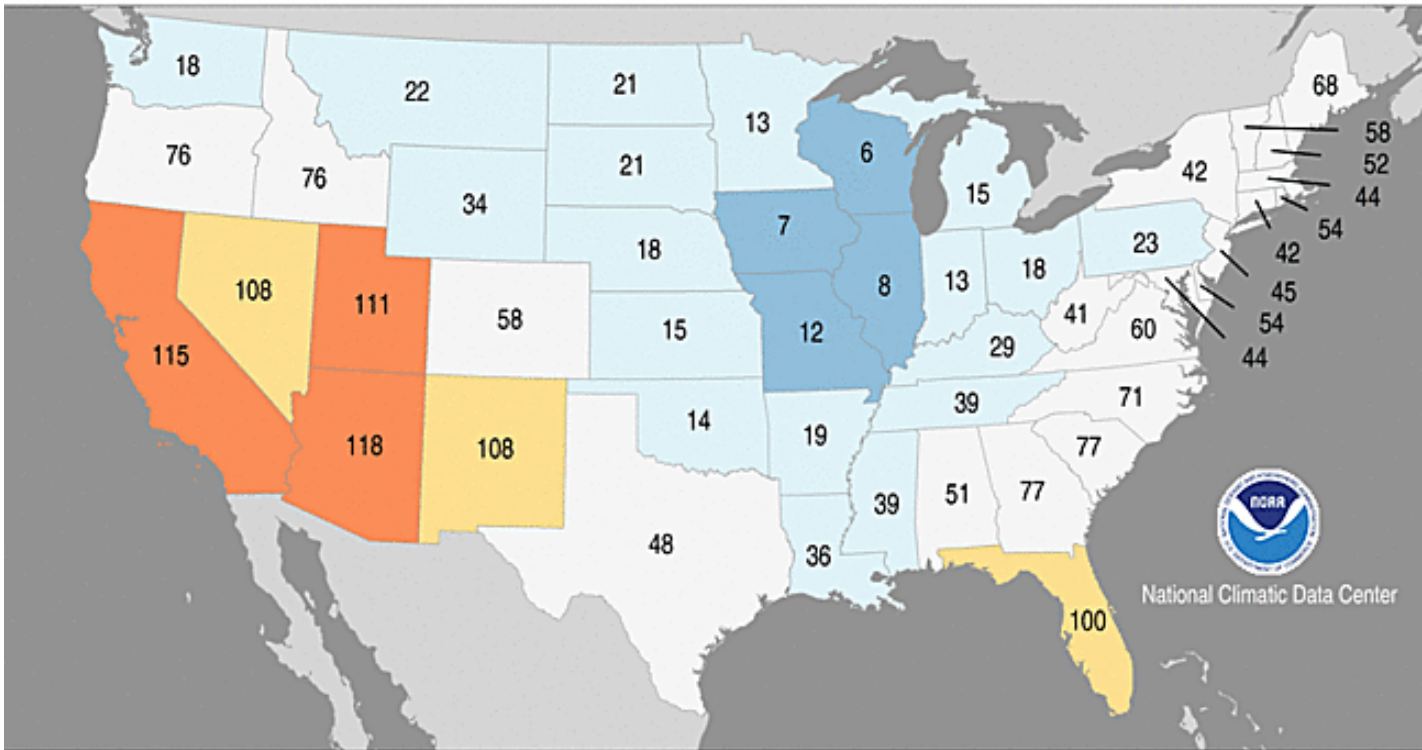
January 2014 Statewide Ranks

National Climatic Data Center/NESDIS/NOAA



WINTER 2013-14 WEATHER

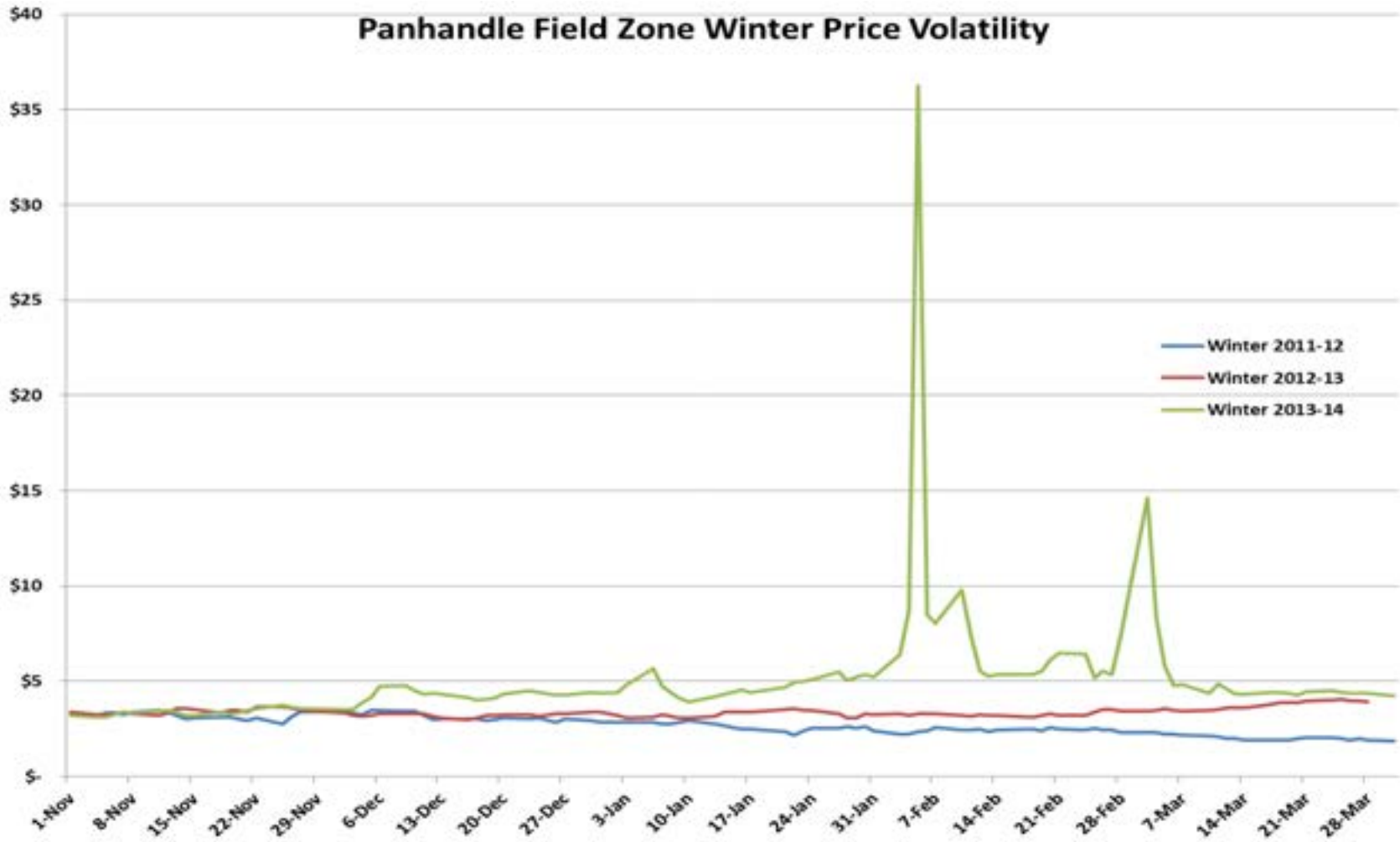
Statewide Temperature Ranks February 2014



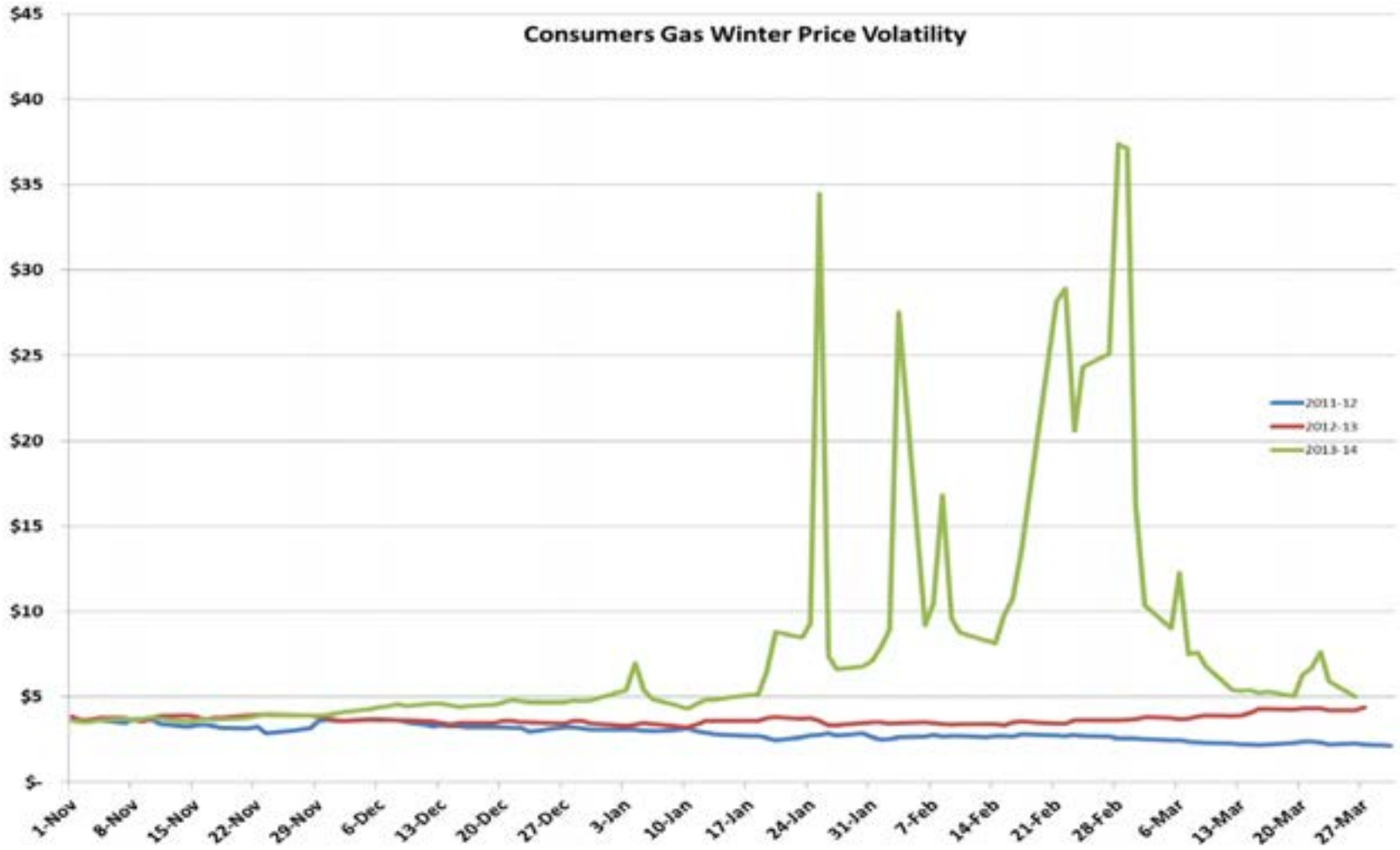

National Climatic Data Center

-  Record Coldest (1)
-  Much Below Average
-  Below Average
-  Near Average
-  Above Average
-  Much Above Average
-  Record Warmest (120)

PANHANDLE FIELD ZONE WINTER PRICE VOLATILITY

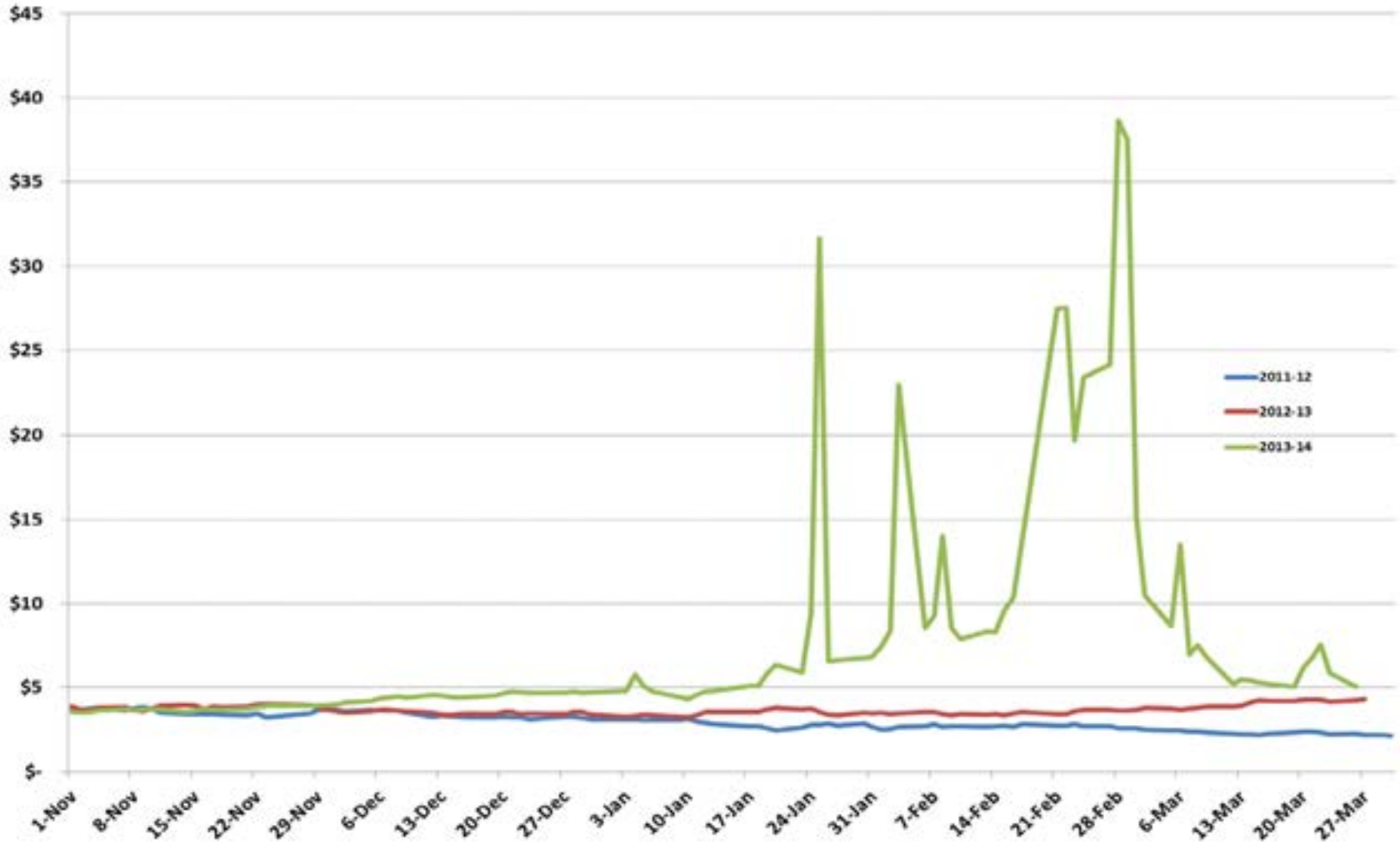


CONSUMERS WINTER PRICE VOLATILITY

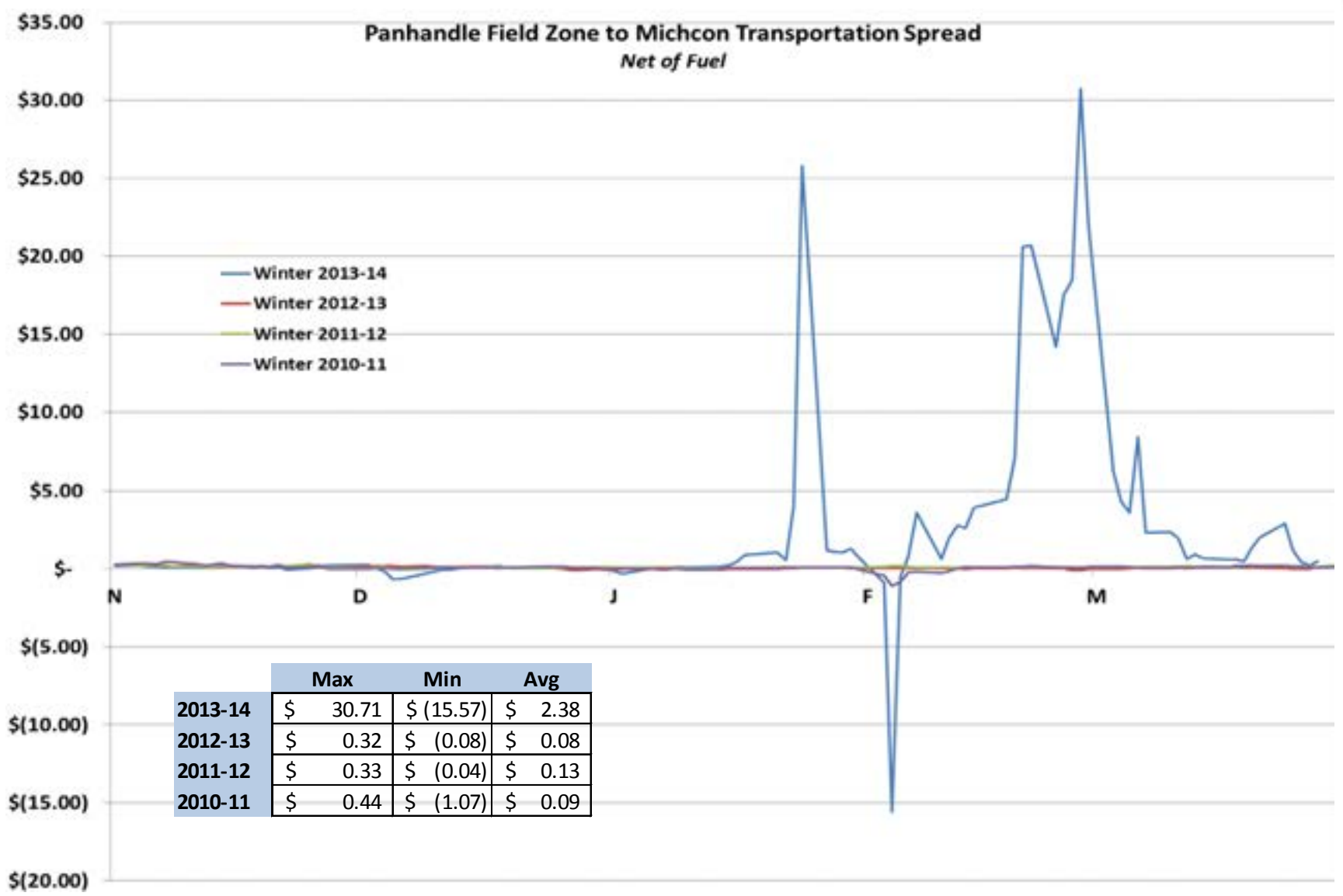


MICHCON WINTER PRICE VOLATILITY

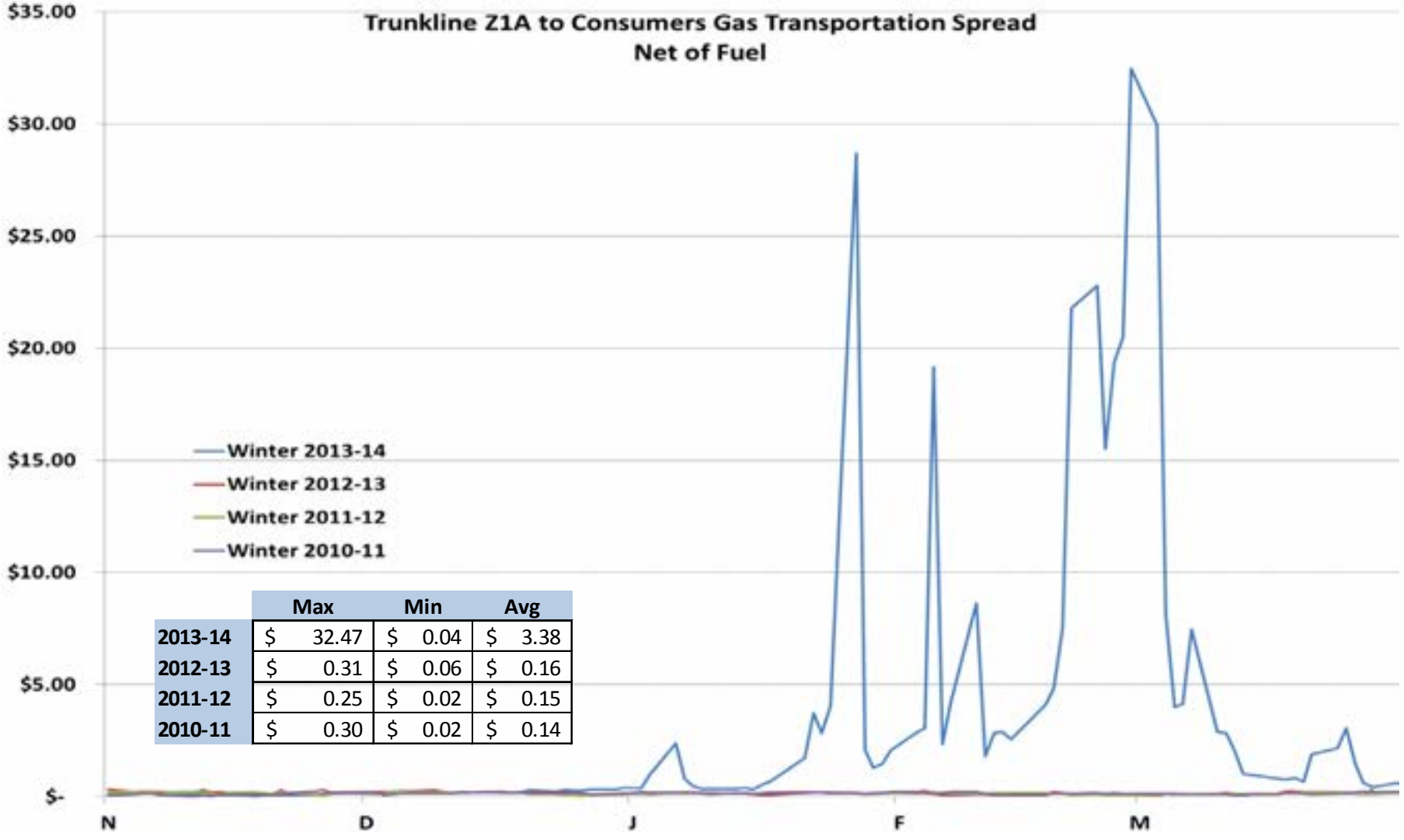
Michcon Winter Price Volatility



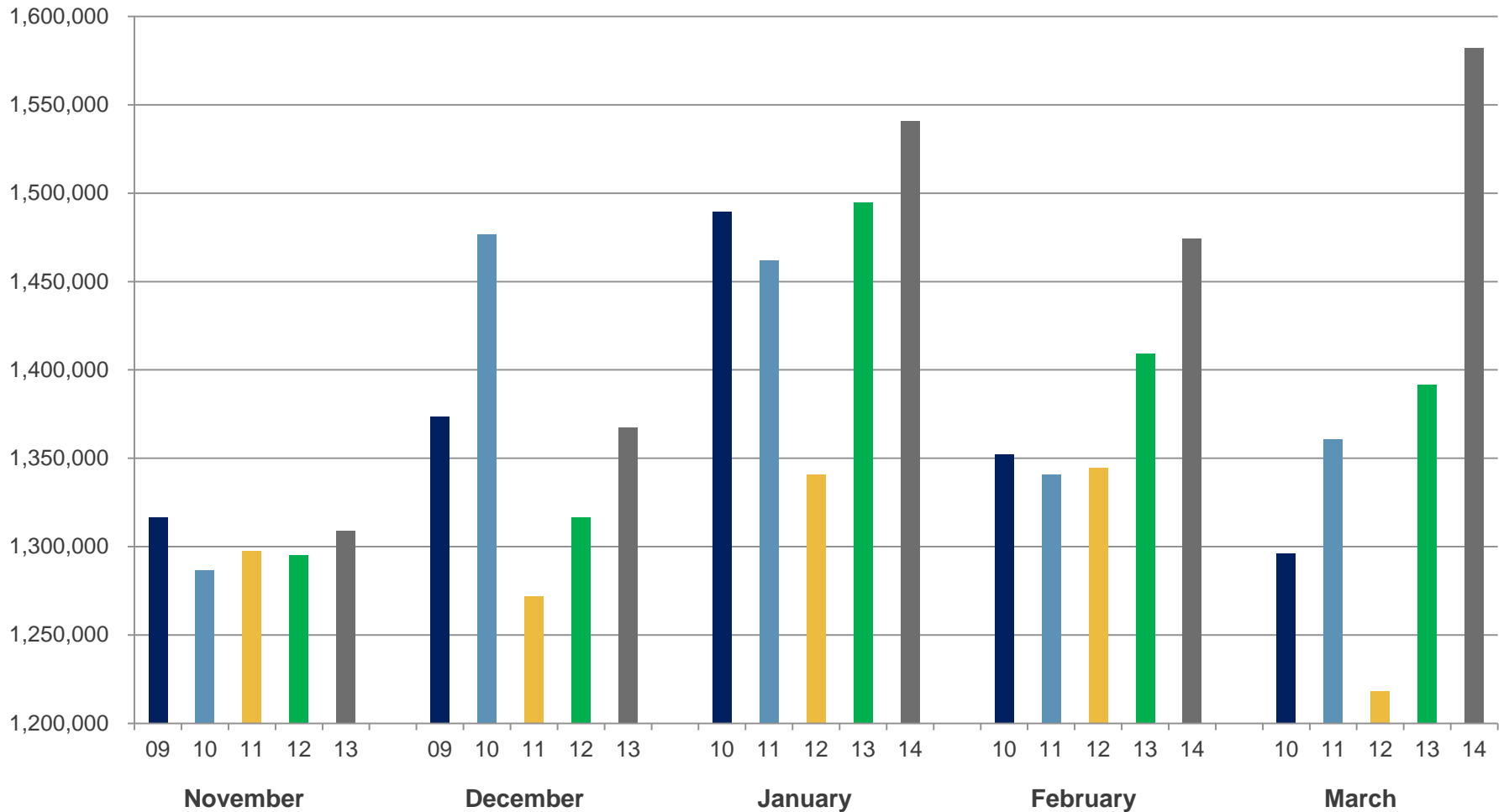
PEPL FIELD ZONE TO MICHCON WINTER TRANSPORTATION SPREAD



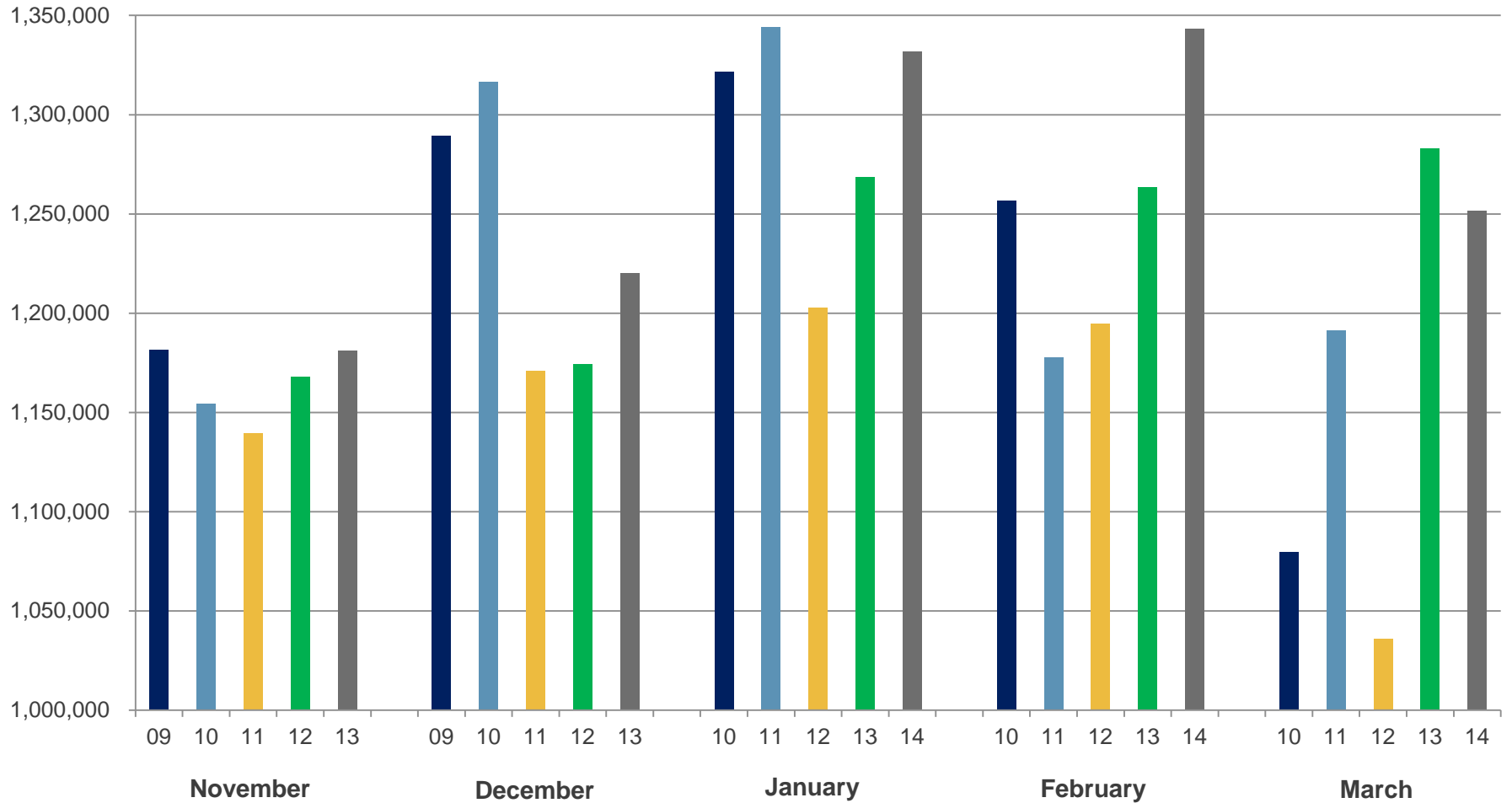
TRUNKLINE Z1A TO CONSUMERS GAS WINTER TRANSPORTATION SPREAD



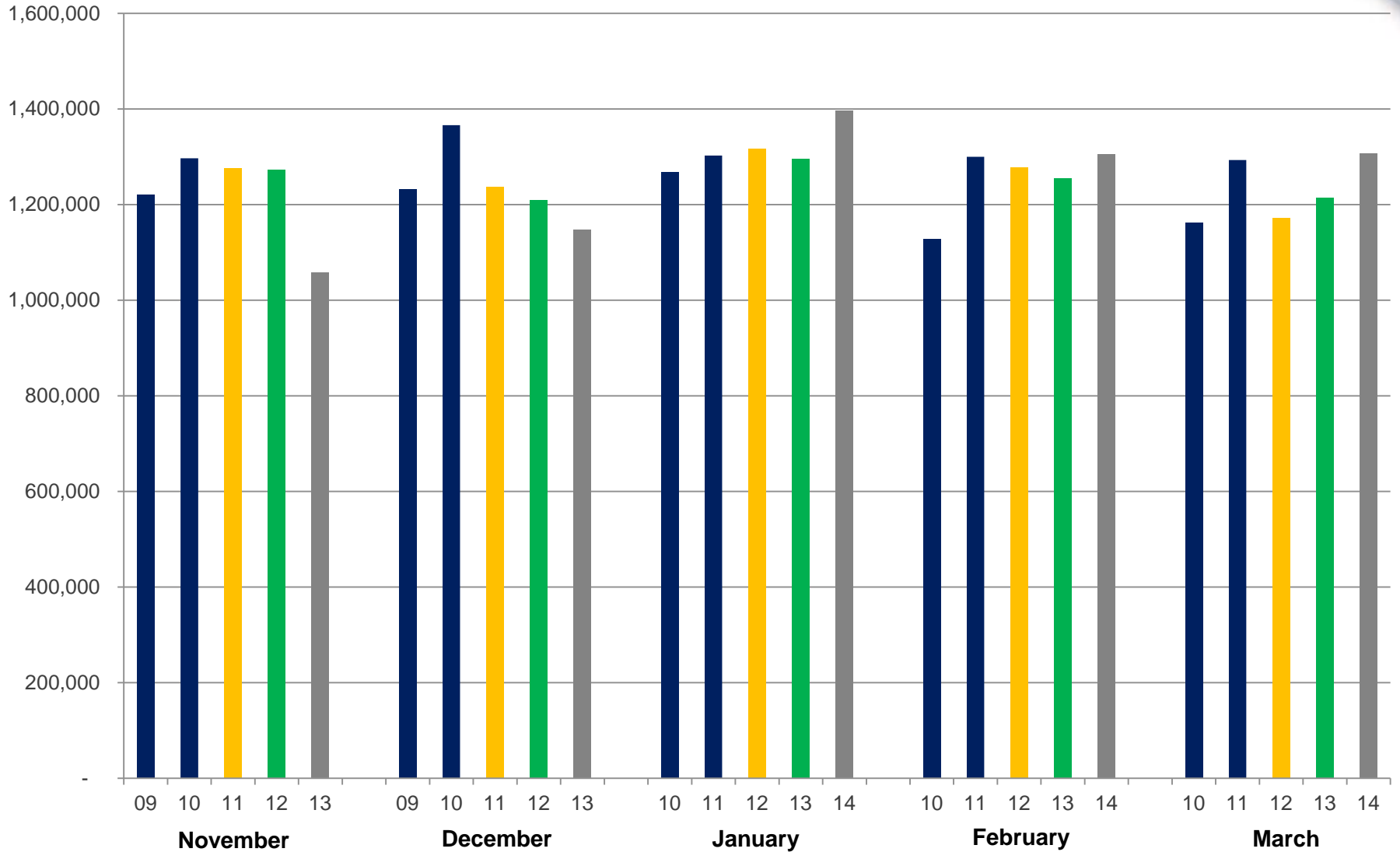
WINTER PEAK DAYS THROUGH HOUSTONIA



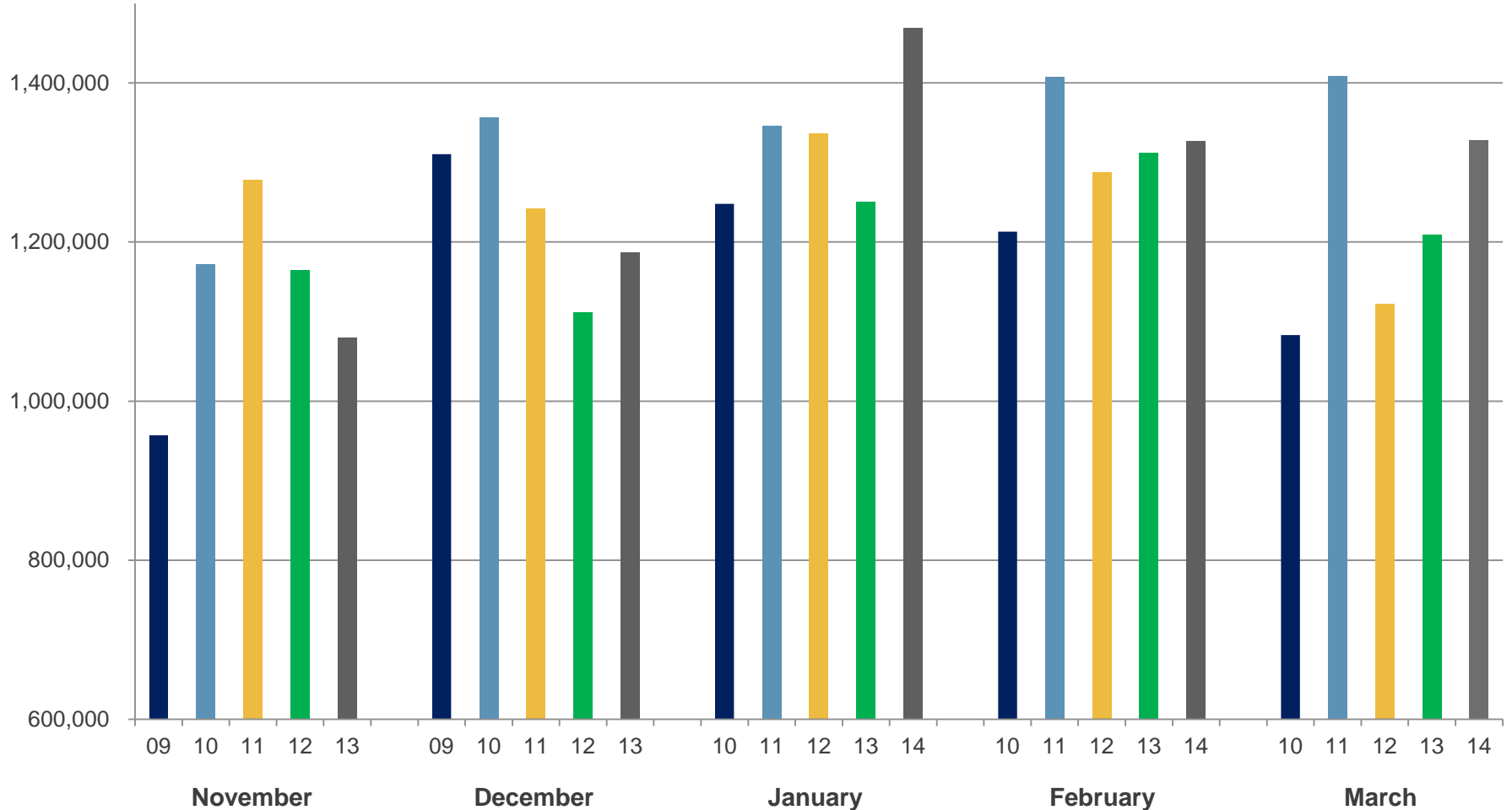
AVG PEAK - HOUSTONIA



WINTER PEAK DAYS THRU PEPL EAST END

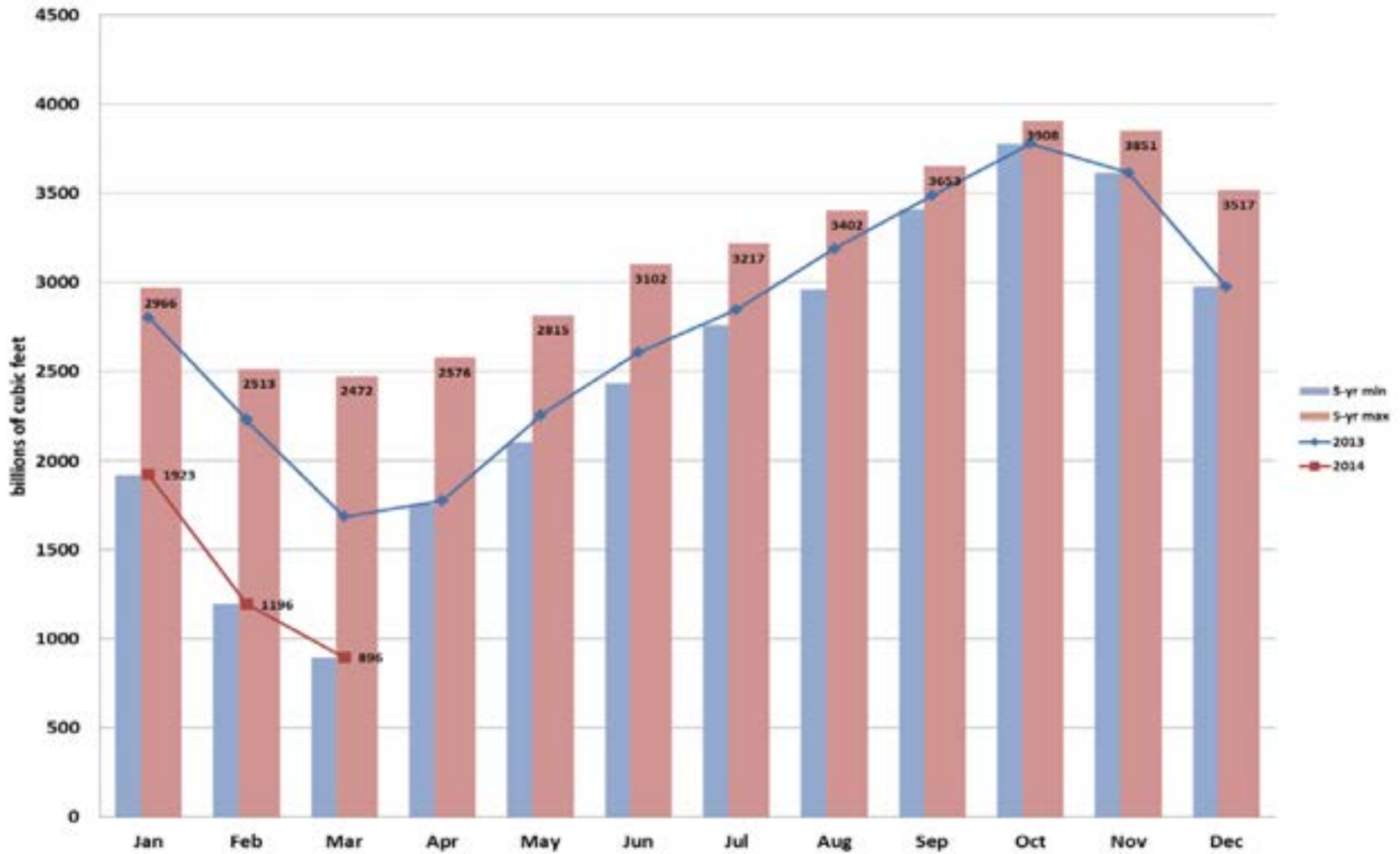


WINTER PEAK DAYS THROUGH INDEPENDENCE



NATURAL GAS STORAGE – UNITED STATES

Natural Gas Storage Levels - United States



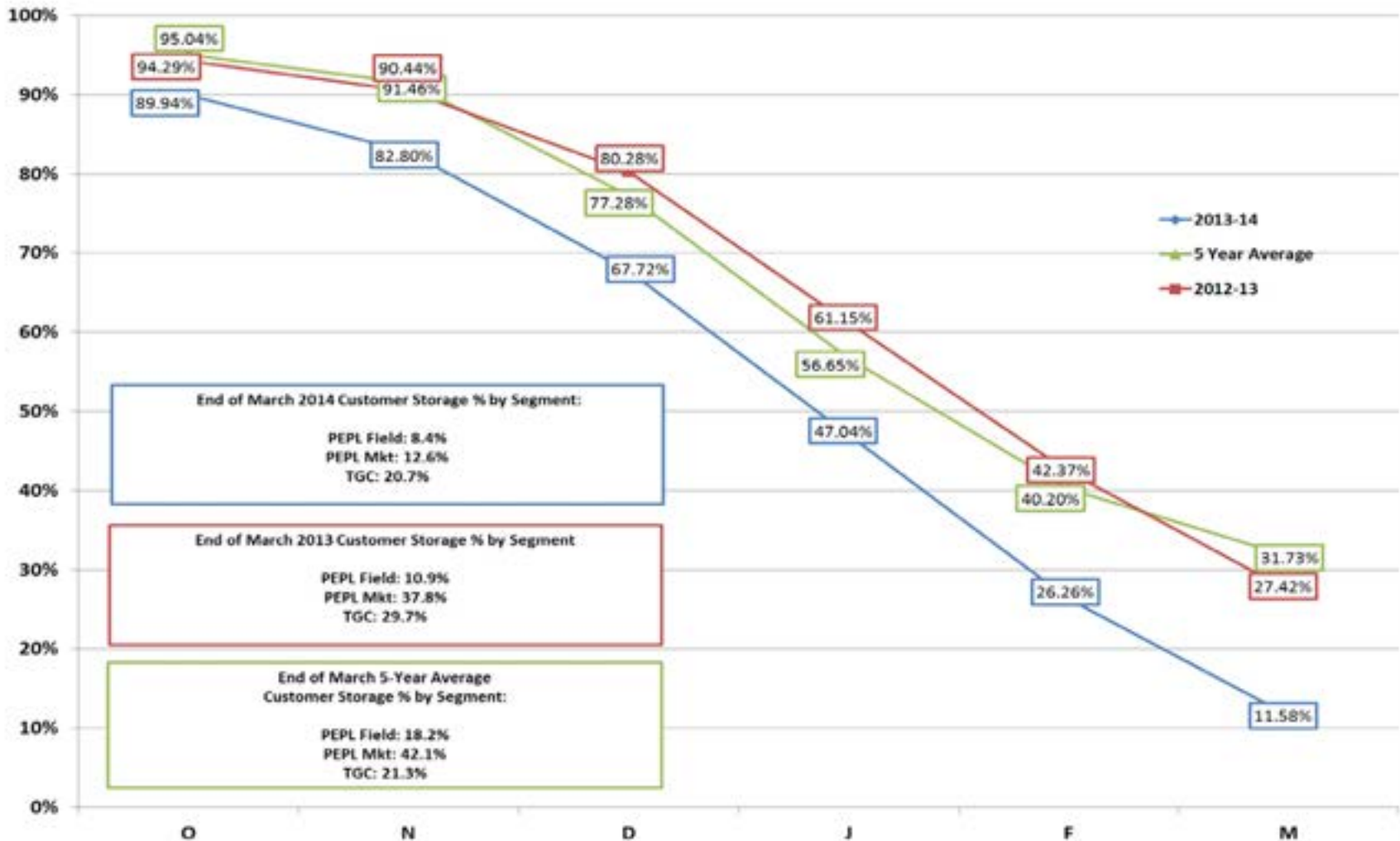
NATURAL GAS STORAGE - CANADA

Natural Gas Storage Levels - Canada



CUSTOMER STORAGE INVENTORY

Customer Storage Comparison to 5-Yr Average





PANHANDLE STORAGE FUEL

STORAGE FUELS	INJECTION	WITHDRAW	RACHETS	
			<30%	<10%
(IOS) IN/OUT STORAGE	1.76%	0.89%		
(IIOS) INTERRUPTABLE IN/OUT	1.76%	0.89%		
(WS) WINTER STORAGE (FIELD)	1.76%	0.89%	75%	60%
(WS) WINTER STORAGE (MARKET)	1.96%	1.74%	75%	60%
(IWS) INTER. WINTER STORAGE (FIELD)	1.76%	0.89%	75%	60%
(IWS) INTER. WINTER STORAGE (MARKET)	1.96%	1.74%	75%	60%
(PS) PEAKING STORAGE	1.96%	1.74%	44%	11%
(FS) FLEXIBLE STORAGE (FIELD)	1.76%	0.89%		
(FS) FLEXIBLE STORAGE (MARKET)	1.96%	1.74%		



PANHANDLE TRANSPORT FUEL

	TRANSMISSION MILES	FUEL	FUEL FROM HAVEN
GATHERING		0.81%	
FIELD ZONE TO HAVEN		1.12%	
FIELD ZONE TO DOWNSTREAM HAVEN	001-100	1.66%	0.54%
	101-200	2.20%	1.08%
	201-300	2.74%	1.62%
	301-400	3.28%	2.16%
	401-500	3.82%	2.70%
	501-600	4.36%	3.24%
	601-700	4.90%	3.78%
	701-800	5.44%	4.32%
	801-900	5.98%	4.86%
	901-1000	6.52%	5.40%



TRUNKLINE TRANSPORT FUEL

FIELD ZONE ONLY	0.63%
FIELD ZONE TO ZONE 1A	1.13%
FIELD ZONE TO ZONE 1B	1.73%
FIELD ZONE TO ZONE 2	2.27%
ZONE 1A ONLY	0.78%
ZONE 1A TO 1B	1.38%
ZONE 1A TO ZONE 2	1.92%
ZONE 1B ONLY	0.88%
ZONE 1B TO ZONE 2	1.42%
ZONE 2 ONLY	0.82%
BACKHAULS	0.30%



PIPELINE MAINTENANCE

ENERGY TRANSFER | **PANHANDLE EASTERN PIPE LINE COMPANY, LP** | Wednesday, Mar 5, 2014

Sea Robin | Southwest Gas | Trunkline | Trunkline LNG

Messenger+ | **QUICK LAUNCH**

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Rate Calculator

Effective Date: 03-04-2014 | Rate Schedule: ENHANCED FIRM TRANSPORTATION

Receipt Point: | Delivery Point: | Distance:

Calculate

Pipeline maintenance

Compressor Station

Asset Information and Services

Coming Soon

Critical Notices - 7

- Scheduling Alert Update #1
- Scheduling Alert - 02/03/2014
- Panhandle Field Zone Maintenance

Events

2014 Summer Operations Meeting Invitation

Planned Service Outages - None

Weather

City	Hi/Low	Precipitation
Detroit	25/16 °F	40%
Indianapolis	32/18 °F	20%
Kansas City	39/23 °F	50%

Contact Numbers

Emergency Contacts
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 Direct Email: Email

Marketing Personnel: Contact List



PEPL



Start Date	End Date	Location	Unit(s)	Maintenance	Anticipated Impact	Meter Impact
02/18/2014	03/25/2014	Houstonia	Unit 817	Bottle Leak	No Impact to Shippers Expected	None
03/26/2014	03/26/2014	Cashion	Station	Isolation ESD	Interruptible and SOP nominations are at risk.	None
03/26/2014	04/08/2014	Olpe	200 Line	Recoat	Interruptible and SOP nominations are at risk.	None
03/31/2014	04/04/2014	Louisburg	300 Line	Recoat	Interruptible and SOP nominations are at risk.	None
03/31/2014	04/07/2014	Glenarm	300 Line	ILDOT SR 29 Expansion	No Impact to Shippers Expected	None
04/07/2014	05/30/2014	Haven	300 Line	Install Launcher	Interruptible and SOP nominations are at risk.	None
04/08/2014	04/13/2014	Louisburg	400 Line	Recoat	Interruptible and SOP nominations are at risk.	None
04/08/2014	04/14/2014	Glenarm	400 Line	ILDOT SR 29 Expansion	Interruptible and SOP nominations are at risk.	None
04/08/2014	04/16/2014	Olpe	300 Line	Relay	Interruptible and SOP nominations are at risk.	None
04/14/2014	04/17/2014	Louisburg	400 Line	Anomaly Digs	Capacity thru Houstonia will be limited. IT and SOP nominations are restricted.	None
04/14/2014	04/21/2014	Glenarm	200 Line	ILDOT SR 29 Expansion	No Impact to Shippers Expected	None
04/17/2014	05/03/2014	Louisburg	200 Line	Relay	Interruptible and SOP nominations are at risk.	None
04/21/2014	04/24/2014	Houstonia	400 Line	Anomaly Repairs	Capacity thru Houstonia will be limited. IT and SOP nominations are restricted.	None
04/24/2014	04/25/2014	Houstonia	200 Line	Coupling Leaks	Interruptible and SOP nominations are at risk.	None
04/28/2014	05/02/2014	Houstonia	200 Line	Coupling Reinforcements	Interruptible and SOP nominations are at risk.	None
05/03/2014	05/16/2014	Houstonia	200 Line	Relay	Interruptible and SOP nominations are at risk.	None
05/05/2014	05/10/2014	Houstonia	300 Line	Marshall Meter Station	No Impact to Shippers Expected	None
05/12/2014	11/21/2014	Houstonia	Unit 817	RegROUT	No Impact to Shippers Expected	None
05/12/2014	05/17/2014	Houstonia	300 Line	Moberly Line Tap	No Impact to Shippers Expected	None
05/20/2014	05/24/2014	Centralia	300 Line	Fulton Line Tap	Interruptible and SOP nominations are at risk.	None

PEPL CONT'D

Start Date	End Date	Location	Unit(s)	Maintenance	Anticipated Impact	Meter Impact
05/27/2014	05/30/2014	Louisburg	200 Line	Coupling Reinforcements	No Impact to Shippers Expected	None
05/28/2014	06/02/2014	Centralia	300 Line	Wellsville Line Tap	Interruptible and SOP nominations are at risk.	None
06/02/2014	06/20/2014	Haven	300 Line	Install Receiver	Interruptible and SOP nominations are at risk.	None
06/02/2014	06/13/2014	Louisburg	300 Line	Hydrotest	Capacity thru Houstonia will be limited. IT and SOP nominations are restricted.	None
06/02/2014	07/01/2014	Peoria	100 Line	Hydrotest	S. Springfield (Meter #02003) will not have odorization	S. Springfield Shut-in
06/05/2014	06/06/2014	Pleasant Hill	300 Line	Atlas Meter	No Impact to Shippers Expected	None
06/09/2014	06/11/2014	Centralia	Unit 919	4000 hr Inspection	No Impact to Shippers Expected	None
06/09/2014	06/12/2014	Pleasant Hill	300 Line	Atlas Meter	No Impact to Shippers Expected	None
06/13/2014	06/23/2014	Pleasant Hill	300 Line	Milton Meter	No Impact to Shippers Expected	None
06/16/2014	06/20/2014	Pleasant Hill	Unit 1019	Minor AI	No Impact to Shippers Expected	None
06/19/2014	06/25/2014	Haven	200 Line	Relay	Interruptible and SOP nominations are at risk.	None
06/23/2014	07/12/2014	Louisburg	200 Line	Hydrotest	Interruptible and SOP nominations are at risk.	None
07/07/2014	07/11/2014	Pleasant Hill	Unit 1018	Minor AI	No Impact to Shippers Expected	None
07/16/2014	08/03/2014	Louisburg	200 Line	Hydrotest	Interruptible and SOP nominations are at risk.	None
07/16/2014	07/18/2014	Louisburg	200 Line	Coupling Reinforcements	Interruptible and SOP nominations are at risk.	None
07/21/2014	07/24/2014	Haven	200 Line	Haven Modernization	Interruptible and SOP nominations are at risk.	None
07/22/2014	07/23/2014	Houstonia	300 Line	Moberly Line Tap; Hot Tap	Capacity thru Houstonia will be limited. IT and SOP nominations are restricted.	None

PEPL CONT'D

Start Date	End Date	Location	Unit(s)	Maintenance	Anticipated Impact	Meter Impact
07/28/2014	07/31/2014	Haven	300 Line	Haven Modernization	Interruptible and SOP nominations are at risk.	None
08/11/2014	08/16/2014	Olpe	400 Line	Anomaly Digs	Capacity thru Houstonia will be limited. IT and SOP nominations are restricted.	None
08/12/2014	08/15/2014	Haven	200 Line	NGP Tie-in	No Impact to Shippers Expected	None
08/13/2014	08/14/2014	Centralia	300 Line	Wellsville Line Tap; Hot Tap	Interruptible and SOP nominations are at risk.	None
08/18/2014	08/22/2014	Centralia	300 Line	Slug Catcher	No Impact to Shippers Expected	None
08/22/2014	08/26/2014	Haven	300 Line	NGP Tie-in	No Impact to Shippers Expected	None
08/26/2014	08/28/2014	Pleasant Hill	300 Line	Atlas Meter; Hot Tap	No Impact to Shippers Expected	None
09/02/2014	09/04/2014	Centralia	400 Line	Anomaly Repairs	Interruptible and SOP nominations are at risk.	None
09/04/2014	09/08/2014	Haven	400 Line	NGP Tie-in	Capacity thru Haven will be limited. IT and SOP nominations are restricted.	None
09/08/2014	09/17/2014	Centralia	200 Line	Anomaly Digs	No Impact to Shippers Expected	None
09/08/2014	09/12/2014	Centralia	300 Line	Slug Catcher	No Impact to Shippers Expected	None
09/10/2014	09/11/2014	Pleasant Hill	300 Line	Milton Meter; Hot Tap	No Impact to Shippers Expected	None
09/22/2014	10/08/2014	Centralia	300 Line	Hydrotest	Interruptible and SOP nominations are at risk.	None
09/22/2014	09/27/2014	Pleasant Hill	200 Line	Coupling Reinforcements	Interruptible and SOP nominations are at risk.	None
10/13/2014	10/15/2014	Louisburg	200 Line	Recoat	No Impact to Shippers Expected	None
10/20/2014	10/23/2014	Olpe	200 Line	Retire Osawatomie Tap	No Impact to Shippers Expected	None

TGC



Start Date	End Date	Location	Unit(s)	Maintenance	Anticipated Impact	Meter Impact
06/02/2014	06/27/2014	Joppa	100-3 Line	Hydrotest	Interruptible and SOP nominations are at risk.	None



MARKET SERVICES UPDATE

Brad Holmes
Vice President, Market Services

OUR NEW WEBSITE:

PANHANDLE EASTERN PIPE LINE COMPANY



ENERGY TRANSFER | **PANHANDLE EASTERN PIPE LINE COMPANY, LP** | Wednesday, Mar 5, 2014

Sea Robin | Southwest Gas | Trunkline | Trunkline LNG

Access Messenger + → QUICK LAUNCH ↩

← Pipeline Selection

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Rate Calculator

Effective Date: 03-04-2014 | Rate Schedule: EQUIPINED FROM TRANSPORTATION

Receipt Point: | Delivery Point: | Distance:

Calculate + ← Rate Calculator

○ Compressor Station

Critical Notices →

Asset Information and Services

Coming Soon

Critical Notices - 7

- Scheduling Alert Update #1
- Scheduling Alert - 03/03/2014
- Panhandle Field Zone Maintenance

Events

2014 Summer Operations Meeting Invitation

Planned Service Outages - None

Weather

City	Hi/Low	Precipitation
Detroit	25/ 16 °F	40%
Indianapolis	32/ 18 °F	20%
Kansas City	39/ 23 °F	50%

Contact Numbers

Emergency Contacts

24-Hr Emergency: (800) 225-3913
 Call Before You Dig: 811 (For National)
 Media Contact: (214) 599-6785

Customer Service

Phone: (713) 989-4372
 Toll Free: (800) 275-7325
 Direct Email: Email

Messenger Services

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 Toll Free: (877) 689-7000
 Direct Email: Email

Marketing Personnel: Contact List



OUR NEW WEBSITE: RATE CALCULATOR

ENERGY TRANSFER | PANHANDLE EASTERN PIPE LINE COMPANY, LP | Wednesday, Mar 5, 2014

Sea Hobbie | Southwest Gas | Trunkline | Trunkline LNG

QUICK LAUNCH

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Rate Calculator

Effective Date: 03-04-2014 | Rate Schedule: ENHANCED FIRM TRANSPORTATION

Receipt Point: | Delivery Point: | Distance:

Calculate +

○ Compressor Station

Asset Information and Services

Coming Soon

Critical Notices - 7

- Scheduling Alert Update #1
- Scheduling Alert - 03/05/2014
- Panhandle Field Zone Maintenance

Events

2014 Summer Operations Meeting Invitation

Planned Service Outages - None

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OUR NEW WEBSITE: RATE CALCULATOR

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Rate Calculator

Effective Date: 03-05-2014 | Rate Schedule: ENHANCED FIRM TRANSPORTATION

Receipt Point: FLDZM | Delivery Point: MOS | Distance: []

Calculate [+]

Click and drag meters into rate calculator

Major Segment Meters

Compressor Station

Asset Information and Services

Coming Soon

Critical Notices - 7

- Scheduling Alert Update #1
- Scheduling Alert - 02/26/2014
- Panhandle Field Zone Maintenance

Events

Edgerton to End of Asset

ANRDF	ANR DEFIANCE
CITGF	CITIZENS GAS FUEL
CECL	COLUMBIA GAS - CECIL
COLGA	COLUMBIA GAS - MALMEE
COLDH	COLUMBIA GAS OF OHIO
MGS	CONSUMERS ENERGY
MOON	DTE GAS CO - DETROIT
EDHO	EAST OHIO GAS
0986	FREMONT PLANT - AMERICAN MUNICIPAL POWER
02691	GENERAL MOTORS
05526	GUARDIAN GLASS
0966	HUSKY MARKETING AND SUPPLY
JACP	JACKSON PIPELINE
JMANV	JOHNS MANVILLE
LEEB	LEE B STORAGE
02994	MICHIGAN ETHANOL PLANT - GREEN PLAINS HOLDINGS
MOU	MICHIGAN GAS UTILITIES
CRSRD	NIPSCO DEFIANCE - CROSSROADS
OHGAS	OHIO GAS
09662	PCS NITROGEN OHIO
02663	RICHLAND POWER PLANT
02997	RIVER ROUGE PLT - SEVERSTAL DEARBORN
SEMC	SEMCO ENERGY DBA SEMCO ENERGY GAS
02862	TROY POWER PLANT
UNION	UNION OJIBWAY - WAYNE COUNTY
NATST	UNITED STATES STEEL

Operations Meeting Invitation

Outages - None

High	Precipitation
25/16 °F	40%
32/18 °F	20%
39/23 °F	50%

Emergency Contacts

Emergency: (800) 275-3913

Toll Free: (800) 275-7376

Media Contact: (214) 599-8795

Customer Service

Phone: (713) 989-4272

Toll Free: (800) 275-7376

Direct Email: Email

Messenger Services

Phone: (713) 989-7800

Toll Free: (877) 689-7800



Direct Email: Email



Marketing Personnel: Contact List

OUR NEW WEBSITE:

RATE CALCULATOR

Rate Calculator

Effective Date: 04-01-2014  Rate Schedule: ENHANCED FIRM TRANSPORTATION 

Receipt: Point 41296  MOBIL MOUSER - Delivery: Point MGS  CONSUMERS ENE Distance: 883

Rate Information - EFT 04-01-2014  

Component	Commodity Rate	Reservation Rate
ACA	0.0012	
FIELD	0.0195	4.7300
MARKET	0.0225	5.4000
MKT ACCESS	0.0006	3.3000
Rate Totals:	0.0438	13.4300

Fuel Use

Type	Percent
Field	1.12
Market	4.86
Total:	5.98

Fuel Rates change Apr. 1 & Nov. 1

Things to Remember:

- Use "FLDZN" for generic field receipt
- Reservation rates are shown as monthly rates, whereas, commodity rates are daily
- In this example your daily rate would be:

$$\$13.43 / 30 \text{ days} = \$.4476$$

$$$.4476 + .0438 = \$.4914 / \text{dth}$$

OUR NEW WEBSITE:

TRUNKLINE GAS COMPANY



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Rate Calculator

Effective Date: 03-05-2014 Rate Schedule: ENHANCED FIRM TRANSPORTATION

Receipt Point: Delivery Point: Distance:

Calculate

○ Compressor Station

Asset Information and Services

- Coming Soon
- #### Critical Notices - 4
- Scheduling Alert Update #2
 - Scheduling Alert Update #1
 - Scheduling Alert - 02/26/2014

Events

- 2014 Summer Operations Meeting Invitation
- #### Non Critical Notices - 1
- Binding Open Season Procedures

Planned Service Outages - None

Weather

City	Hi/Low	Precipitation
Indianapolis	43/19 °F	0%
St. Louis	46/25 °F	0%
Memphis	46/28 °F	30%

Contact Numbers

Emergency Contacts
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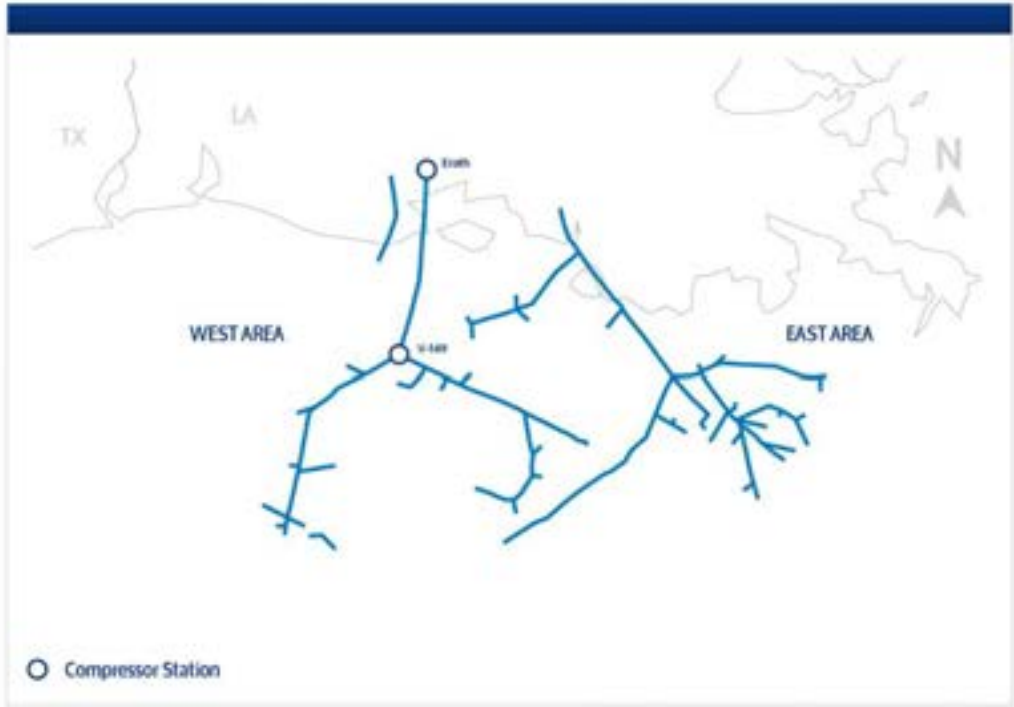
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SEA ROBIN PIPELINE COMPANY



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- Forms
- User Manuals
- Downloads
- Search
- Customer Activities
- Site Map



Asset Information and Services

- Coming Soon
- Rate Case (Access limited to official FERC service list)
- Request Login ID
- Rate Case Website

Critical Notices - None

Non Critical Notices - None

Planned Service Outages - None

Weather

City	H/Low	Precipitation
Indianapolis	43/ 19 °F	0%
St. Louis	46/ 25 °F	0%
Memphis	46/ 20 °F	30%

Contact Numbers

- Emergency Contacts**
 24-Hr Emergency: (800) 225-3913
 Call Before You Dig: 811 (For National)
 Media Contact: (214) 599-8785
- Customer Service**
 Phone: (713) 989-4272
 Toll Free: (800) 275-7375
 Direct Email: Email
- Messenger Services**
 Phone: (713) 989-7000
 Toll Free: (877) 689-7000
 Direct Email: Email

RESERVATION CHARGE CREDIT

RP12-455-000

In compliance with the Federal Energy Regulatory Commission's Order on Rehearing and Compliance issued April 18, 2013 in Docket Nos. RP12-455-000 and RP12-455-001, Panhandle Eastern Pipe Line Company has submitted pro-forma tariff revisions which include the terms for providing Reservation Charge Credits along with related revisions to pipeline scheduling.

Filed: May 20, 2013

Status: Pending Approval

Upon FERC approval implementation may be required within 30 days.

RESERVATION CHARGE CREDIT

- Panhandle shall provide reservation charge credits to shippers with firm transportation service when Panhandle is unable to deliver quantities from primary points of receipt to primary points of delivery.
- No adjustment shall be required if Panhandle's inability to schedule or deliver gas is due to events related to conduct, activities or operations of Shipper and/or upstream or downstream parties, including force majeure events affecting such parties.

RESERVATION CHARGE CREDIT NON-FORCE MAJEURE



The quantity eligible for reservation charge crediting depends upon the timing of the notification of service interruption

If notice of interruption occurs **AFTER** the Timely Nomination Cycle

- the eligible quantity is based on Shipper's scheduled quantity from primary points of receipt to primary points of delivery

If notice of interruption occurs **BEFORE** the Timely Nomination Cycle

- the eligible quantity shall be the average of the scheduled quantity from primary points of receipt to primary points of delivery for the seven days prior to the interruption

If notice of interruption **DURING** the Timely Nomination Cycle

- The quantity eligible is based on the quantity nominated and confirmed from primary points of receipt to primary points of delivery during the Timely Nomination Cycle

In each of the three cases, the eligible quantity is reduced by the amount of gas delivered to all delivery points on a Shipper's contract for that gas day to determine the eligible quantity.

RESERVATION CHARGE CREDIT

Force Majeure Eligible Quantity

After a grace period of ten (10) consecutive days, Panhandle shall calculate daily reservation charge credits. The eligible quantity shall be the average of the scheduled quantity from shipper's primary points of receipt to primary points of delivery during the seven days preceding the announced force majeure event, less the quantity of gas delivered at all points of delivery on shipper's service agreement for the day.

CHANGES TO PANHANDLE SCHEDULING

- Changes are necessary to implement reservation charge crediting. Panhandle must identify Shipper's scheduled quantities from Primary Points of Receipt to Primary Points of Delivery as the basis of the reservation charge credit calculation
- Revised scheduling classifications provide higher priority for contracts utilizing Primary Points of Receipt and Delivery
- More details will be provided after an Order is issued and prior to implementation

FERC INITIATIVE ON GAS & ELECTRIC COORDINATION

- **In February 2012, FERC issued a notice (Docket AD12-12) for comment on gas-electric interdependence**
- **Five regional technical conferences were held through the summer of 2012. The conferences explored scheduling and market structures; communications, coordination and information sharing; reliability concerns**
- **Regional conferences spurred further technical conferences in 2013:**
 - February 13th – Improving communications and data sharing
 - April 25th – Gas and electric trading day differences and scheduling
 - May 16th – RTO and ISO update on winter operations

FERC INITIATIVE ON GAS & ELECTRIC COORDINATION

- **Communications NOPR (Docket RM13-17) – July 2013**
 - Provide authority for interstate pipes and utilities that transmit electricity to share non-public, operational information for the purpose of promoting reliable service or operational planning for either party
- **Natural Gas Council (representation from major gas groups) through Fall of 2013**
 - Reviewing Gas Day, Timely Nomination deadline, additional nomination cycles, changes to the No-Bump rules

FERC INITIATIVES

ISSUED MARCH 20, 2014

- **RM14-2**

- Start of the Gas Day to 4:00 a.m.
- Timely Nomination deadline to 1:00 p.m.
- Two additional Intraday cycles
- Multi party transportation contracts for aggregated firm service

- **FPA Section 206**

- ISO's and RTO's must file to adjust the posting of day ahead energy market and reliability unit commitments

- **NGA Section 5 Show Cause**

- Interstate pipelines must make compliance filings by May 19 to revise their tariffs to provide for the posting of offers to purchase capacity

CURRENT NAESB NOMINATION AND SCHEDULING TIMELINE



Nomination Cycle	Nomination Deadline (CCT)	Notification of Schedule (CCT)	Nomination Effective (CCT)	Bumping of Interruptible Transmission (IT)
Timely	11:30 a.m.	4:30 p.m.	9:00 a.m. Next Day	N/A
Evening	6:00 p.m.	10:00 p.m.	9:00 a.m. Next Day	Yes
Intra-Day 1	10:00 a.m.	2:00 p.m.	5:00 p.m. Current Day	Yes
Intra-Day 2	5:00 p.m.	9:00 p.m.	9:00 p.m. Current Day	No


FERC PROPOSED NOMINATION AND SCHEDULING TIMELINE



Nomination Cycle	Nomination Deadline (CCT)	Notification of Schedule (CCT)	Nomination Effective (CCT)	Bumping of Interruptible Transportation (IT)
Timely	1:00 p.m.	4:30 p.m.	4:00 a.m. Next Day	N/A
Evening	6:00 p.m.	10:00 p.m.	4:00 a.m. Next Day	Yes
Intra-Day 1	8:00 a.m.	11:00 a.m.	12:00 p.m. Current Day	Yes
Intra-Day 2	10:30 a.m.	2:00 p.m.	4:00 p.m. Current Day	Yes
Intra-Day 3	4:00 p.m.	6:00 p.m.	7:00 p.m. Current Day	Yes
Intra-Day 4	7:00 p.m.	9:00 p.m.	9:00 p.m. Current Day	No

CURRENT ISO AND RTO SCHEDULES



 ISO/RTO	Time for Submission of Bids (CCT)	Time for Publication of Day-Ahead Commitment Bids (CCT) (Market Clearing Time)
California Independent System Operator Corporation (CAISO)	12:00 p.m.	3:00 p.m.
ISO New England Inc. (ISO-NE)	9:00 a.m.	12:30 p.m.
PJM Interconnection, LLC (PJM)	11:00 a.m.	3:00 p.m.
Midcontinent Independent System Operator, Inc. (MISO)	10:00 a.m.	2:00 p.m.
New York Independent System Operator, Inc. (NYISO)	4:00 a.m.	10:00 a.m.
Southwest Power Pool, Inc. (SPP)	11:00 a.m.	4:00 p.m.

TIMELINES (FEDERAL REGISTER PUBLICATION DATE)

- **RM14-2**
 - NAESB process – 180 days to reach consensus
 - If no consensus, comments filed in 240 days
- **FPA Section 206**
 - Interventions due by April 10, 2014
- **NGA Section 5 Show Cause**
 - All interstates must make compliance filings by May 19, 2014

NAESB SCHEDULE

GAS ELECTRIC HARMONIZATION (GEH) FORUM

- April 3 - NAESB Board of Directors Meeting
 - GEH recommendations to change the annual plan and identify standards that would require changes to support the Rule Making
- From April 4 to June 5 - GEH Forum Meetings
- June 6 – BOD review and vote on Alternative Consensus Proposal
- June 9 – Status report to FERC if no consensus is reached
- July 18 – Complete recommendation to support consensus standards
- August 22 – WGQ review of recommendations
- September 29 – NAESB files Consensus Standards with FERC



QUESTIONS?



ENERGY TRANSFER