STAFF INTERROGATORY #17

INTERROGATORY

Ref: A/3/1 /page 43 / para 117

Enbridge states that it "…will inject NEXUS supply directly into Enbridge's storage facility at Dawn in the summer".

Please explain the expected impact of NEXUS on Enbridge's Tecumseh storage facilities especially as it relates to any planned increases in the Company's storage capacity in the area.

RESPONSE

Enbridge does not expect that NEXUS will have any impact on its storage facilities. The capacity on NEXUS pipeline will not result in a requirement for an increase in storage capacity. The NEXUS capacity is offsetting supplies that would have otherwise been procured at Chicago and received at the Dawn Hub from the same Vector pipeline. The offsetting of Chicago supplies with NEXUS is not expected to have any impact on Enbridge's receipts at the Dawn Hub from Vector.

Witnesses: J. LeBlanc
A. Welburn

STAFF INTERROGATORY #18

INTERROGATORY

Ref: A/2/1 / para 48 a)

Enbridge indicates that the Precedent Agreement has numerous protections and benefits and one of these is the "Requirement for review of supply"

Please elaborate on the significance of this protection or benefit.

RESPONSE

This condition precedent is included in section 7 (c) (iii) of the restated PA and was negotiated by Enbridge to ensure it had as much time as possible to monitor/evaluate the supply environment in order to secure supply to fill its capacity on the NEXUS pipeline once it is in service. Sussex has provided a comprehensive summary of Utica/Marcellus supply fundamentals as part of its report which has assisted Enbridge in broadening its understanding of the Appalachian supply basin. Enbridge continues to monitor the development of the basin on an ongoing basis through publications to which is has access. Enbridge has, in the last few months, begun working directly with potential suppliers in the region. As part of this work Enbridge recently completed a non-binding request for proposal ("RFP") for supply. Enbridge received 16 supply offers from nine potential suppliers for a total of 390,000 Dth/d of supply for delivery commencing November 1, 2017. Enbridge is now in the process of following up with bidders and other potential suppliers to arrange NAESB agreements in anticipation of a future binding RFP to fill its capacity should the Board approve this pre-approval application.

Should Enbridge's final evaluation of supply availability make it uncomfortable with proceeding, then it can terminate the PA within the stated time limits and will not be liable for pre-service costs.

Witnesses: J. LeBlanc
A. Welburn

STAFF INTERROGATORY #19

INTERROGATORY

Ref: A/3/1 Appendix D / Restated Precedent Agreement / page 22 of 61

Please explain fully the 90 day "Temporary Waiver of Conditions Precedent – Governmental Authorizations" feature at paragraph 7) (d) of the Restated Precedent Agreement. Please indicate if the waiver allows Enbridge, in the event of a regulatory delay in receiving approval from the OEB, to extend the October 1, 2015 deadline by 90 days.

RESPONSE

Condition precedent 7(d) allows Enbridge to temporarily waive, for 90 days, condition precedent 7(c) (v) which is the requirement to receive unconditional regulatory pre-approval from the Ontario Energy Board no later than October 1, 2015. Although Enbridge has the right to a 90 day delay in receiving Board approval, a delay of a full 90 days in receiving Board approval may impact the project developers' ability to have the pipeline in-service on November 1, 2017. Both Enbridge and Union are large shippers on the NEXUS pipeline and important to the viability/nature of the project. Enbridge expects that the project developers would be hesitant to proceed with a FERC filing prior to knowing the outcome of this proceeding.

Witnesses: J. LeBlanc
A. Welburn

BOMA INTERROGATORY #41

INTERROGATORY

Ref: Exhibit A, Tab 3, Schedule 1, Appendix G, Page 3, Pro Forma Statement of Negotiated Rates

Please provide an amended version of the above document which explains each term used in sufficient detail, to allow a Canadian reader to satisfy himself or herself of the extent to which the negotiated rate may vary over the term of the proposed transmission contracts between Union, EGD and NEXUS. EGD should provide a similar explanation for its Negotiated Rate Agreement, as well as its answer to each part of the previous two questions.

RESPONSE

Enbridge has negotiated a fixed rate of $0.70 USD/Dth/day for its capacity on the NEXUS pipeline. This rate or toll will remain fixed for the duration of the contract. The greenfield portion of that fixed rate ($0.65 USD/Dth/day of the $0.70 USD/Dth/day) may be varied based on actual capital spend relative to the pipelines forecast capital spend. This variation is bounded by a plus or minus 15% increase or decrease on the greenfield portion of the toll. For example if the NEXUS actual capital spend is 10% above its estimated capital spend (i.e.: instead of spending $2.019 billion USD NEXUS had to spend $2.221 billion USD for development of the pipeline) then the greenfield portion of the rate would increase from $0.65 USD/Dth/day to $0.715 USD/Dth/day ($0.65 USD/Dth/day x 1.10). In this instance, the overall fixed rate would end up being $0.765 USD/Dth/day ($0.70 USD/Dth/day - $0.65 USD/Dth/day + $0.715 USD/Dth/day).

Witnesses: J. LeBlanc
A. Welburn

BOMA INTERROGATORY #42

INTERROGATORY

Ref: Exhibit A, Tab 3, Schedule 1, Appendix G, Page 3, Pro Forma Statement of Negotiated Rates

What is the role of, the need for, and the proposed route of, NEXUS Transmission Pipeline Canada Ltd., which is mentioned in the EGD Agreement, but not the Union Agreement?

RESPONSE

It is Enbridge's understanding that NEXUS Transmission Pipeline Canada Ltd.'s role is to hold/operate the Canadian portion of the NEXUS pipeline. It is Enbridge's understanding that some shippers on NEXUS have signed commitments for capacity on the full path from Eastern Ohio to Dawn, Ontario. NEXUS Transmission Pipeline Canada Ltd had no direct relevance to the commitment made by Enbridge as the capacity Enbridge has committed to runs from Kensington, Ohio to the interconnection point with the Vector Pipeline at/near Milford Junction, Michigan. Enbridge has not committed to capacity with NEXUS on the Canadian side of the border choosing instead to move the gas to Dawn on its own capacity on the Vector Pipeline.

Witnesses: J. LeBlanc
A. Welburn

BOMA INTERROGATORY #43

INTERROGATORY

Ref: Exhibit A, Tab 2, Schedule 1

Please provide a copy of the EGD gas purchase and sales agreement for the 200,000 GJs at Niagara, and the transportation contract with TCPL to the EGD Parkway/EGD city gate.

RESPONSE

Please refer to BOMA Interrogatory #15 at Exhibit I.T1.EGDI.BOMA.15 for information related to Enbridge's supply contracts at Niagara.

Enbridge has not executed a transportation contract with TransCanada, but please refer to TransCanada Interrogatory #7(a) at Exhibit I.T4.Enbridge.TransCanada.7 a) for details of the transportation commitment.

Witnesses: J. LeBlanc
A. Welburn

TRANSCANADA INTERROGATORY #6

INTERROGATORY

Reference:

i) Application, Exhibit A, Tab 3, Schedule 1, Pages 21 - 22, Paragraph 57

Preamble:

In Reference i), Enbridge states that it negotiated a PA that included favourable terms as a result of its long-term commitment to the NEXUS pipeline. Enbridge then states that with respect to the Rover project, "the ability for Enbridge to negotiate similar conditions precedent as with NEXUS was a risk."
TransCanada seeks to understand the extent to which Enbridge attempted to secure alternatives to the NEXUS project.

Request:

a) Did Enbridge enter into discussions with Rover regarding possible service? Please explain.

b) Please provide all correspondence between Enbridge and Energy Transfer Partners / Rover Pipeline since October 15, 2012**.**

RESPONSE

a) Enbridge became aware of the Rover project when Rover announced its open season in late June 2014. Enbridge did meet with Rover in early July 2014 to get a better understanding of their project; however, because Enbridge had already signed a Precedent Agreement with NEXUS on June 5, 2014 and because only one month was provided by Rover to evaluate the project and make a binding commitment, Enbridge was not in a position to commit to the Rover project.

b) See attached.

Witnesses: J. LeBlanc
A. Welburn

Jamie LeBlanc

From:	Hill, Bryan D. <Bryan.Hill@energytransfer.com>
Sent:	Monday, April 06, 2015 10:34 AM
To:	TIMMINS, BARRY (Barry.Timmins@emeraenergy.com); Bill Gratopp; Caren Tulip; Chris Camirand; Chris Lutz; Chris Shorts; Coralie Sculley; Dan Williamson; Daniel G Brudzynski (brudzynskid@dteenergy.com); DAVID W. HOWARD; Dean Fedewa; Deborah S. Pelmear; Ginger Richman (gprichman@njresources.com); Glen Priestley; ian.johnston@emeraenergy.com; Jacquie Montgomery; Jamie LeBlanc; JGillett@uniongas.com; Jim Redford; Joel Denomy; John Donaldson; John Harris; John Scarlata; Karen Vince; Kevin Humpich (humpichk@dteenergy.com); Kip J Daly (kevin.daly@cmsenergy.com); Lisa Vandenham; Lynda Navarre; Lori Harvey (lori.harvey@cmsenergy.com); Margo Pardi; Mark Bering (bering@millenniumpipeline.com); Mark Isherwood; Mark Stiers; Matt Malinowski; mcadotte@uniongas.com; Mike Morrison (mmorrison@mieco.com); Mike Wiegand; Oliver Trpcic; Patti Piett; Pete Cianci; Ray Siada; Robert Lawshe (lawsher@dteenergy.com); Sarah Mead; Shandy Spencer; Shannon DeBacker; Shawn McClacherty; SAdjukic; scozat@mercuria.com; Tam Spencer; Tim Sparks (TIMOTHY.SPARKS@cmsenergy.com); Tina Hodgson; Tom Pysh; Walt Fitzgerald; Wayne Harvey
Subject:	ET Organizational Changes

FYI, it was announced last week that Beth Hickey has been promoted to **Senior Vice President** over the Commercial, Regulatory, Gas Operation and Market Service efforts for all of Energy Transfer's interstate pipelines (inc. PEPL, TGC, Transwestern, Florida Gas and Rover). A big promotion with big responsibilities. Beth's new position, in part, involves the former responsibilities of Shelley Corman who recently left the company.

ENERGY TRANSFER

Bryan Hill

Panhandle Eastern Pipe Line & Trunkline Gas Co.

phone 313.640.8684 | cell 313.930.0274

Jamie LeBlanc

From: Hill, Bryan D. <Bryan.Hill@energytransfer.com>
Sent: Monday, February 02, 2015 4:50 PM
To: Jamie LeBlanc; Joel Denomy
Subject: FW: Rover Press release
Attachments: Rover Michigan Release Final.docx

Just an FYI.

ET ROVER PIPELINE LLC
An ENERGY TRANSFER Company

FOR IMMEDIATE RELEASE

ROVER PIPELINE ANNOUNCES CAPACITY AGREEMENT WITH VECTOR PIPELINE
Agreement Eliminates a Portion of Rover's Route through Michigan

Rover Continues to Provide U.S. Markets with Increased Access to Natural Gas Originating from Utica and Marcellus Production Areas

DALLAS, Feb. 2, 2015 – Rover Pipeline, LLC is pleased to announce it has signed a contract with Vector Pipeline and its affiliates for firm transportation capacity to deliver gas to markets in Michigan and the Union Gas Dawn Hub in Ontario, Canada, as part of the Rover Pipeline project. This arrangement continues to allow Rover to offer seamless transportation service to its shippers from the Marcellus and Utica production areas to markets in the Midwest, Great Lakes and Gulf Coast regions of the United States, and to the Union Gas Dawn Hub.

The capacity arrangement with Vector eliminates the need for Rover to build its pipeline through Michigan's Shiawassee, Genesee, Lapeer, Oakland St. Clair, and Macomb Counties. This new development is consistent with Rover's ongoing efforts to minimize the project's footprint. It is also consistent with the Federal Energy Regulatory Commission's guidelines and expectations which encourage companies to evaluate alternative routes that maximize the use of existing utilities and utilize existing rights-of-way, where possible. Through this agreement, Rover will eliminate 110 miles of pipeline through Michigan, and will eliminate the Canadian portion entirely.

The scope of the Rover Pipeline project continues to be designed to transport 3.25 billion cubic feet (Bcf) of natural gas per day with up to 1.3 Bcf per day being transported into Michigan and/or Canada. Plans are underway to make the necessary modifications to the proposed project route and to file the final alignment with the Federal Energy Regulatory Commission in mid-February 2015. Pending regulatory approval, Rover is still expected to be in service from the production areas to the Midwest Hub near Defiance, Ohio, by the end of 2016, and from the Midwest Hub to markets in Michigan and the Union Gas Dawn Hub by mid-2017.

# # #

Energy Transfer Partners, L.P. (NYSE: ETP) is a master limited partnership owning and operating one of the largest and most diversified portfolios of energy assets in the United States. ETP currently owns and operates approximately 35,000 miles of natural gas and natural gas liquids pipelines. ETP owns 100% of Panhandle Eastern Pipe Line Company, LP (the successor of Southern Union Company) and a 70% interest in Lone Star NGL LLC, a joint venture that owns and operates natural gas liquids storage, fractionation and transportation assets. ETP also owns the general partner, 100% of the incentive distribution rights, and approximately 67.1 million common units in Sunoco Logistics Partners L.P. (NYSE: SXL), which operates a geographically diverse portfolio of crude oil and refined products pipelines, terminalling and crude oil acquisition and marketing assets. ETP owns 100% of Sunoco, Inc. and 100% of Susser Holdings Corporation. Additionally, ETP owns the general partner, 100% of the incentive distribution rights and approximately 44% of the limited partner interests in Sunoco LP (formerly Susser Petroleum

Partners LP) (NYSE: SUN), a wholesale fuel distributor and convenience store operator. ETP's general partner is owned by ETE. For more information, visit the Energy Transfer Partners, L.P. web site at www.energytransfer.com.

Energy Transfer Equity, L.P. (NYSE: ETE) is a master limited partnership which owns the general partner and 100% of the incentive distribution rights (IDRs) of Energy Transfer Partners, L.P. (NYSE: ETP), approximately 30.8 million ETP common units, and approximately 50.2 million ETP Class H Units, which track 50% of the underlying economics of the general partner interest and the IDRs of Sunoco Logistics Partners L.P. (NYSE: SXL). ETE also owns the general partner and 100% of the IDRs of Regency Energy Partners LP (NYSE: RGP) and approximately 57.2 million RGP common units. On a consolidated basis, ETE's family of companies owns and operates approximately 71,000 miles of natural gas, natural gas liquids, refined products, and crude oil pipelines. For more information, visit the Energy Transfer Equity, L.P. web site at www.energytransfer.com.

For more information, contact:
Vicki Granado
214-599-8785
vicki.granado@energytransfer.com

Jamie LeBlanc

From: Hill, Bryan D. <Bryan.Hill@energytransfer.com>
Sent: Thursday, December 04, 2014 9:22 AM
To: Jamie LeBlanc
Subject: RE: Nexus position

Hi Jamie,
In this vein, when does Enbridge plan on making its OEB filing re. Nexus?

Bryan

From: Jamie LeBlanc [mailto:Jamie.Leblanc@enbridge.com]
Sent: Wednesday, December 03, 2014 6:48 PM
To: Hill, Bryan D.
Cc: Joel Denomy
Subject: RE: Nexus position

Hi Bryan,

We are continuing to work with the NEXUS proponents and consider our participation in the project.

Jamie

From: Hill, Bryan D. [mailto:Bryan.Hill@energytransfer.com]
Sent: Wednesday, December 03, 2014 4:42 PM
To: Jamie LeBlanc
Subject: FW: Nexus position

Hi Jamie,
Just got an automated response that Joel is out for a while (burning up his vacation time I assume – lucky him). In his absence can you provide some insight into my question below? Thanks for your help.

From: Hill, Bryan D.
Sent: Wednesday, December 03, 2014 3:38 PM
To: Joel Denomy
Subject: Nexus position

Hi Joel,
Quick question (and I don't know whether you can even answer it). We thought we understood that Enbridge's original position in the Nexus project had essentially "expired" and that Enbridge opted not to re-up. However, we have recently heard that this was not the case and that Enbridge continues to be a participant in the project. We're curious; which is it? Thanks.

ENERGY TRANSFER

Bryan Hill

Panhandle Eastern Pipe Line & Trunkline Gas Co.

phone 313.640.8684 ¦ cell 313.930.0274

Private and confidential as detailed here. If you cannot access hyperlink, please e-mail sender.

Joel Denomy

From: Hill, Bryan D. <Bryan.Hill@energytransfer.com>
Sent: Wednesday, December 03, 2014 4:38 PM
To: Joel Denomy
Subject: Nexus position

Hi Joel,
Quick question (and I don't know whether you can even answer it). We thought we understood that Enbridge's original position in the Nexus project had essentially "expired" and that Enbridge opted not to re-up. However, we have recently heard that this was not the case and that Enbridge continues to be a participant in the project. We're curious; which is it? Thanks for any insights.

Bryan Hill
Panhandle Eastern Pipe Line & Trunkline Gas Co.
phone 313.640.8684 | cell 313.930.0274

Joel Denomy

From: Hill, Bryan D. <Bryan.Hill@energytransfer.com>
Sent: Thursday, August 14, 2014 10:07 AM
To: Joel Denomy
Subject: RE: Rover Q

Regulatory tells me that we do not have a specific date for the next FERC filing, but will likely be later this Fall.

From: Joel Denomy [mailto:Joel.Denomy@enbridge.com]
Sent: Thursday, August 14, 2014 7:28 AM
To: Hill, Bryan D.
Subject: RE: Rover Q

Bryan,

Appreciate the response. I figured this to be a likely response but had to ask. Thanks for looking into this for me.

Joel

From: Hill, Bryan D. [mailto:Bryan.Hill@energytransfer.com]
Sent: Thursday, August 14, 2014 8:26 AM
To: Joel Denomy
Subject: Rover Q

Hey Joel,
I chatted with Beth yesterday afternoon and she said that due to CAs which are still in place, we have made no announcements regarding additional Rover PL shippers.
Bryan

Joel Denomy

From: Hill, Bryan D. <Bryan.Hill@energytransfer.com>
Sent: Thursday, August 14, 2014 8:26 AM
To: Joel Denomy
Subject: Rover Q

Hey Joel,
I chatted with Beth yesterday afternoon and she said that due to CAs which are still in place, we have made no announcements regarding additional Rover PL shippers.
Bryan

Joel Denomy

From: Hill, Bryan D. <Bryan.Hill@energytransfer.com>
Sent: Wednesday, August 13, 2014 10:32 AM
To: Joel Denomy
Subject: EnergyTransfer.com - Investor Relations - Press Release

http://ir.energytransfer.com/phoenix.zhtml?c=106094&p=irol-newsArticle&ID=1942904&highlight=

Joel Denomy

From: Hill, Bryan D. <Bryan.Hill@energytransfer.com>
Sent: Wednesday, July 09, 2014 3:42 PM
To: Joel Denomy
Subject: RE: Rover

I should have known that off the top of my head though... I'd only focused on the reservation piece. Thanks for educating me!

-----Original Message-----
From: Joel Denomy [mailto:Joel.Denomy@enbridge.com]
Sent: Wednesday, July 09, 2014 11:22 AM
To: Hill, Bryan D.
Subject: RE: Rover

Ok. Thanks for confirming. I appreciate you stopping during your drive to give me a call Bryan. Have a safe trip.

Joel

-----Original Message-----
From: Hill, Bryan D. [mailto:Bryan.Hill@energytransfer.com]
Sent: Wednesday, July 09, 2014 12:13 PM
To: Joel Denomy
Subject: Rover

Yep, it's right there in black and white. The commodity rate of one cent plus fuel. Those are the variables for deliveries to Dawn.

Private and confidential as detailed here: http://www.energytransfer.com/mail_disclaimer.aspx . If you cannot access the link, please e-mail sender.

Joel Denomy

From: Hill, Bryan D. <Bryan.Hill@energytransfer.com>
Sent: Wednesday, July 09, 2014 12:13 PM
To: Joel Denomy
Subject: Rover

Yep, it's right there in black and white. The commodity rate of one cent plus fuel. Those are the variables for deliveries to Dawn.

Joel Denomy

From: Hill, Bryan D. <Bryan.Hill@energytransfer.com>
Sent: Thursday, July 03, 2014 3:53 PM
To: Joel Denomy
Cc: Hickey, Beth A.
Subject: Re: Rover Question

Joel,

The short answer to your question is no as ET is focused only on the transmission portion of the equation. However, we asked one of our Rover producer/shippers that question and was told that the supply price for the region is going to be the average of Dominion South Point and TETCO M2. That's not an official ET opinion, but it's an answer!

What did you guys use when you did your Nexus analysis? I'd think that you'd use the same supply pricing in this situation as you did there.

Hope that helps.

Let me know if you guys go have any additional questions on the project.

Bryan

On Jul 3, 2014, at 12:20 PM, "Joel Denomy" <Joel.Denomy@enbridge.com> wrote:

> Bryan,
>
> Is there any particular pricing point which ET considers to be representative of current commodity prices at the initiation point of the Rover project? Part of our evaluation of Rover will involve a landed cost type analysis. Thanks,
>
> Joel

Jamie LeBlanc

From: Hickey, Beth A. <Beth.Hickey@energytransfer.com>
Sent: Thursday, July 03, 2014 2:57 PM
To: Joel Denomy; Jamie LeBlanc
Cc: Hill, Bryan D.
Subject: Fwd: Rover ferc filling
Attachments: Public-Final Rover Request Letter comb_06_25_14.pdf.pdf

Gentlemen,
Attached is the ferc information you requested earlier today.
Thanks again for taking the time to meet with us today!
Please don't hesitate to contact me if you have any further questions.

Beth.

Sent from my Verizon Wireless 4G LTE Smartphone

-------- Original message --------
From: "Veatch, Stephen"
Date:07/03/2014 1:25 PM (GMT-05:00)
To: "Hickey, Beth A."
Subject: RE: Rover ferc filling

FERC Docket Number is PF14-14-000. FERC approval of our pre-filing request is attached.

Stephen Veatch

Sr. Director Certificates & Tariffs

1300 Main St.

Houston, TX 77002

Ph: (713) 989-2024

Fax: (713) 989-1205

eMail:

ET ROVER PIPELINE
An ENERGY TRANSFER Company

June 25, 2014

Ms. Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, D.C. 20426

Re: ET Rover Pipeline Company LLC
Docket No. PF14-14-000
Rover Pipeline Project
Request to Initiate the FERC Pre-Filing Review Process

Dear Ms. Bose:

Pursuant to pre-filing procedures set forth in 18 C.F.R. §157.21 (2013), ET Rover Pipeline Company LLC ("ET Rover") files this statement of intent to file an application pursuant to Section 7(c) of the Natural Gas Act, 15 USC §717f (2006) for a certificate of public convenience and necessity to construct and operate a new interstate natural gas pipeline to be designated as the Rover Pipeline Project. ET Rover respectfully requests that the Federal Energy Regulatory Commission ("FERC" or "Commission") Director Office of Energy Projects issue a notice approving the use of the FERC Pre-Filing Review Process for the Rover Pipeline Project.

Representatives of ET Rover met with the Commission Staff on May 28, 2014 to discuss the Rover Pipeline Project and their intent to file a Request to Initiate the FERC Pre-Filing Review Process. At the conclusion of the Pre-filing process, ET Rover will file a certificate application pursuant to Section 7(c) of the Natural Gas Act.

The Rover Pipeline Project originated as a result of discussions with producers in the Marcellus and Utica Shale areas of Pennsylvania, West Virginia, and Ohio desiring to move their production to markets in the Midwest and Canada.

The Rover Pipeline Project as currently proposed at 2.2 Bcf per day will consist of approximately 380 miles of 36-inch/42-inch diameter mainline pipeline, the installation of approximately 194,000 horsepower at five new mainline compressor stations, and construction of six new delivery meter stations along the mainline pipeline, and the construction of approximately 197 miles of 24, 36 and 42-inch diameter supply laterals, approximately 38,000 horsepower at five new compressor stations, and various new receipt meter stations in the supply

areas[1]. ET Rover has executed precedent agreements with anchor shippers representing 1.2 Bcf per day and expects to have shippers' commitments for 1.9 Bcf per day prior to the initiation of the Open Season. The remaining capacity will be marketed to shippers during the Open Season which concludes on July 25, 2014. ET Rover is evaluating additional scenarios with the overall pipeline capacity of up to 3.25 Bcf per day.

In compliance with 18 C.F.R. Section 157.21(d) of the Commission's Regulations related to Pre-Filing procedures, ET Rover submits the following:

1. *A description of the schedule desired for the project including the expected application filing date and the desired date for Commission approval.*

   ET Rover anticipates submitting its certificate application in January 2015 or as soon as the Commission Staff is in agreement that ET Rover's draft Resource Reports are complete. ET Rover intends to request in its application that the Commission issue an Order granting a certificate of public convenience and necessity by November 2015. This FERC Order date is necessary so that transportation services from the supply laterals to the Midwest Hub delivery points are in-service by December 2016. The Project segment from the Midwest Hub to the Union Gas Dawn Hub, Ontario, Canada, is proposed to be placed in-service in June 2017. ET Rover will submit a complete draft of Resource Report No. 1, a list of alternatives, and a list of affected landowners within 30-days of the FERC notice approving the use of the Pre-Filing Review Process. Provided below is the desired schedule for the Rover Pipeline Project.

   - Submit FERC Pre-Filing Review Process Request — June 2014
   - File NGA Section 7(c) Application — January 2015
   - Issuance of FERC Order — November 2015
   - File Initial Implementation Plan — December 2015
   - Commence Construction — January 2016
   - Supply Area to Midwest Hub In-Service — December 2016
   - Midwest Hub to the Union Gas Dawn Hub In-Service — June 2017

2. *For LNG terminal facilities, a description of the zoning and availability of the proposed site and marine facility location.*

   Not Applicable.

---

[1] The project scope currently reflects all potential mainline, supply laterals and associated compression facilities that are being discussed with interested shippers. However, upon completion of the open season, ET Rover will determine the final overall scope for the project.

3. *For natural gas facilities other than LNG terminal facilities and related jurisdictional natural gas facilities, an explanation of why the prospective applicant is requesting to use the pre-filing process under this section.*

ET Rover is seeking to use the FERC Pre-Filing Review Process to provide environmental records and assistance to FERC Staff's processing of its proposed certificate application. The FERC Staff's early review of the environmental documentation and its participation in ET Rover's public participation plan will facilitate the development of a complete record to support the conclusion that the Rover Pipeline Project is in the public convenience and necessity, and permit the project to receive timely approval. In particular, ET Rover believes that the Pre-Filing Review Process will be beneficial in the following ways:

- Assisting ET Rover in developing initial information about the proposal and identifying affected parties.
- Facilitating issue identification, study needs, and issue resolution.
- Conducting site visits, examining alternatives, meeting with agencies and stakeholders and participating in public information meetings (Open Houses).
- Reviewing and commenting on the draft Resource Reports for the certificate application.

4. *A detailed description of the project, including location maps and plot plans to scale showing all major plant components that will serve as the initial discussion point for stakeholder review.*

ET Rover will hold an open season from June 27, 2014 to July 25, 2014 to assess and further quantify market demand for the proposed Rover Pipeline Project. The results of this open season will be incorporated into the overall facility design identified below and will be used to continue agency and landowner consultation, environmental and civil surveys, and preparation of the documentation required for the certificate application.

Due to shipper commitments, the Rover Pipeline Project facilities will be constructed with phased in-service dates of December 2016, and June 2017, respectively. The in-service date of December 2016 will include the following project facilities between the supply areas in Ohio, Pennsylvania, and West Virginia to the Midwest Hub.

PIPELINES	Miles	Diameter	Capacity/Volume
Mainline - Leesville Plant to Midwest Hub	186	42-inch	2.2 Bcf/d

PIPELINES (*Continued*)	Miles	Diameter	Capacity/Volume
Supply Laterals (*including Alternate Routes*)			
Cadiz Plant to Leesville Plant	16	42-inch	
Hillman Plant to Leesville Plant	46	36-inch	
Clarington to Cadiz Plant	43	42-inch	
Majorsville Lateral	18	24-inch	
Seneca to Clarington	25	36-inch	
Sherwood to Clarington	49	36-inch	

COMPRESSION

Approximately 194,000 horsepower at five (5) new mainline compressor stations to be located on the Leesville Plant to Midwest Hub Plant mainline route.

Mainline Compressor Stations

- Carroll County CS
- Wayne County CS
- Richland County CS
- Seneca County CS
- Defiance County CS

Lateral Compressor Stations

Approximately 38,000 horsepower at five (5) new compressors to be located on supply laterals.

- Harrison County CS
- Monroe County CS
- Doddridge County CS
- Noble County CS
- Marshall County CS

METER STATIONS

- Receipt Meters – Various in supply area
- Delivery Meter - Midwest Hub-PEPL
- Delivery Meter - Midwest Hub-ANR

The in-service date of June 2017 will include the following project facilities between the Midwest Hub to the Union Gas Dawn Hub, Ontario, Canada.

PIPELINES	Miles	Diameter	Capacity/Volume
Michigan Market Zone – Midwest Hub to the International Border	179	42-inch	1.3 Bcf/d
Canadian Market Zone – International Border to Dawn	15	36-inch	1.0 Bcf/d

METER STATIONS

- Delivery Meter – Consumers Energy
- Delivery Meter – Vector
- Delivery Meter – Michigan Consolidated
- Delivery Meter – Union Dawn

A Project Map of the proposed facilities representing the Rover Pipeline Project is submitted under Appendix B.

5. *A list of the relevant federal and state agencies in the project area with permitting requirements. For LNG terminals facilities, the list shall identify the agency designated by the governor of the states in which the project will be located to consult with the Commission regarding state and local safety considerations. The filing shall include a statement indicating:*

   (i) That those agencies are aware of the prospective applicant's intention to use the pre-filing process (including contact names and telephone numbers);

   Please see the Agency Contact Table submitted under Appendix A that identifies the relevant federal and state environmental agencies in the proposed project area with permitting requirements and the status of contact with those agencies. The agencies have been asked to indicate whether they were willing to participate in the pre-filing review process.

   Whether the agencies have agreed to participate in the process;

   Please refer to the Agency Contact Table submitted under Appendix A for a summary of the participation commitment indicated to date.

(ii) *How the applicant has accounted for agency schedules for issuance of federal authorization;*

During communications with the identified agency personnel, permitting requirements were discussed in general terms with the understanding that ET Rover would conduct pre-application meetings with each agency to fully discuss agency permitting requirements. ET Rover believes that all federal and state environmental permitting requirements can be completed concurrently with the proposed certificate schedule. ET Rover anticipates scheduling these meetings during or near the timeframe of the Open House meetings.

(iii) *When the applicant proposes to file with these agencies for their respective permits or other authorization.*

After pre-application meetings, ET Rover will submit to FERC Staff an execution plan that addresses all required permitting by state, including the proposed schedule for the issuance of permits. ET Rover will submit the required permit applications within timeframes that allow those permits to be received prior to conducting any activities related to those permits.

6. *A list and description of the interest of other persons and organizations who have been contacted about the project (including contact names and telephone numbers).*

ET Rover will contact the affected county commissioners and legislators prior to conducting an Open House and/or other public outreach efforts. In addition, ET Rover will research state and local resources for other possible interested parties and/or organizations.

7. *A description of what work has already been done, e.g., contacting stakeholders, agency consultations, project engineering, route planning, environmental and engineering contractor engagement, environmental surveys/studies, and open houses. This description shall also include the identification of the environmental and engineering firms and sub-contractors under contract to develop the project.*

Landowner Contacts:

ET Rover is contacting landowners along the route in order to obtain permission to conduct civil, biological, and cultural surveys, as well as wetland delineations. These contacts commenced in May 2014, and continue at this time. ET Rover is now processing ownership data, and plans to contact landowners over the next two months to advise them of the Rover Pipeline Project status. ET Rover will invite all landowners to Open Houses that will be held in the early July 2014.

Agency Consultations:

See the Agency Contact Table submitted under Appendix A.

Engineering/Route Planning/Environmental:

ET Rover has identified a preliminary route for the proposed pipeline project that maximizes the use of existing pipeline, powerline, roadway, and railroad right-of-ways. This route was developed by preliminary engineering and environmental feasibility studies. Approximately 80% of the mainline parallels existing pipelines, power lines, or existing roads.

ET Rover has the following firms under contract performing work on the project:

Engineering:	Project Consulting Services
Survey:	Gullett & Associates and Survey and Mapping, Inc.
Environmental:	TRC Solutions
Right-of-Way:	Willbros, Gullett & Associates, and Contract Land Staff

Open Houses:

ET Rover has identified the following locations to hold Open Houses for the project.

Town	County	Tentative Date/Team
New Martinsville, WV	Wetzel	July 8, Team 1
Imperial, PA	Allegheny	July 8, Team 2
Woodsfield, OH	Monroe	July 9, Team 1
Wooster, OH	Wayne	July 9, Team 2
Cadiz, OH	Harrison	July 10, Team 1
Tiffin, OH	Seneca	July 10, Team 2
Defiance, OH	Defiance	July 14, Team 1
Fenton, MI	Genesee	July 14, Team 2
Chelsea, MI	Washtenaw	July 15, Team 1
Richmond, MI	St. Clair	July 15, Team 2

ET Rover will coordinate with the FERC OEP Staff to establish a final list of Open House meeting locations and dates.

8. *For LNG terminal projects, proposals for at least three prospective third-party contractors from which omission staff may make a selection to assist in the preparation of the requisite NEPA document.*

Not Applicable.

9. *For natural gas facilities other than LNG terminal facilities and related jurisdictional natural gas facilities, proposals for at least three prospective third-party contractors from which Commission staff may make a selection to assist in the preparation of the requisite NEPA documents, or a proposal for the submission of an applicant-prepared draft Environmental Assessment as determined during the initial consultation described in paragraph (c) of this section.*

   ET Rover solicited proposals from seven third-party environmental contractors to provide assistance to FERC OEP Staff in the preparation of the required NEPA document. ET Rover is submitting under separate cover with this Pre-Filing Request proposals from three third-party contractors that returned comprehensive proposals for FERC Staff review and selection.

10. *Acknowledgement that a complete Environmental Report and complete application are required at the time of filing.*

    ET Rover acknowledges that a complete Environmental Report and a complete certificate application are required at the time of filing.

11. *A description of a Public Participation Plan which identifies specific tools and actions to facilitate stakeholder communications and public information, including a project website and a single point of contact. This plan shall also describe how the applicant intends to respond to request for information from federal and state permitting agencies, including, if applicable, the governor's designated agency for consultation regarding state and local safety considerations with respect to LNG facilities.*

    Public Participation Plan:

    ET Rover is committed to stakeholder communications and effective public outreach on this project and has identified the following methods of communication with stakeholders:

    Website – ET Rover has initiated a project specific website available to the public to provide constantly updated project materials and information. The web site link is as follows:

    www.energytransfer.com/ops_etrover.aspx

    In addition to the website, regular mailings and/or newsletters will be provided to affected landowners near the proposed project.

    Direct Contact- ET Rover will use direct contact, in person, by phone, or by e-mail and/or letter correspondence for various stakeholders throughout the project, as appropriate. Direct contact will allow ET Rover to respond to requests and inquiries from either federal, state and/or local agencies. In addition, ET Rover will be available to meet with local groups/associations and agencies to discuss the project as necessary.

Open Houses – ET Rover has identified ten sites to hold Open House meetings along the proposed route. Stakeholders along the route will be invited to participate both directly with invitations and indirectly through the media. The final locations and dates will be determined in consultation with FERC Staff.

In its communication with landowners, ET Rover has recommended that their first point of contact should be with their local assigned right-of-way agent whose name, phone number, and email address is provided in the correspondence. ET Rover is also providing with its correspondence a toll free phone number and accessible email address. The contact is:

Rover Pipeline Project
Ms. Erica Richardson, Administrative Assistant, Regulated Projects
eMail: erica.richardson@energytransfer.com
Toll-Free No.: +1 (888) 844-3718

12. *Certification that a Letter of Intent and a Preliminary WSA have been submitted to the U.S. Coast Guard or, for modifications to an existing or approved LNG terminal, that the U.S. Coast Guard did not require such information.*

Not Applicable.

Any questions regarding this request should be directed to Stephen Veatch, Senior Director Certificates at (713) 989-2024 or e-mail at stephen.veatch@energytransfer.com.

Finally, it is important that the FERC recognize that ET Rover is committed to:

- Identifying stakeholder issues or concerns regarding the Rover Pipeline Project.
- Resolving such issues before filing its application.
- Providing the FERC with a complete application.

Respectfully submitted,

ET ROVER PIPELINE COMPANY LLC

/s/Stephen T. Veatch

By: _____

Stephen T. Veatch
Senior Director Certificates
Government & Regulatory Affairs

Enclosures

CC: Ms. Lauren O'Donnell, FERC – OEP
Mr. Michael McGehee, FERC – OEP
Mr. Rich McGuire, FERC – OEP
Mr. James Martin, FERC – OEP
Ms. Kara Harris, FERC – OEP

ET Rover Pipeline Company LLC
Docket No. PF14-___-000
Rover Pipeline Project
Request to Initiate FERC Pre-Filing Review Process

Appendix A
Agency Contact Table

Agency and Contact Information	Permit/Consultation	Participation in the Pre-Filing Process	Comments
FEDERAL			
Carol M. Borgstrom, Director Office of NEPA Policy and Compliance, GC–54 U.S. Department of Energy 1000 Independence Avenue, S.W. Washington, DC 20585 202–586–4600 http://energy.gov/nepa/office-nepa-policy-and-compliance	Presidential Permit for border crossing	Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.
Ginger Mullins Chief, Regulatory Branch U.S. Army Corps of Engineers, Huntington District 502 Eighth Street Huntington, WV 25701-2070 http://www.lrh.usace.army.mil/Missions/Regulatory.aspx	Permit - Section 404 of the Clean Water Act (CWA) Permit - Section 10 of the Rivers & Harbors Act	Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.
Scott Hans Chief, Regulatory Branch U.S. Army Corps of Engineers, Pittsburgh District 1000 Liberty Avenue, Suite 2200 Pittsburgh, PA 15222 412-395-7155 http://www.lrp.usace.army.mil/Missions/Regulatory.aspx	Permit - Section 404 of the Clean Water Act (CWA) Permit - Section 10 of the Rivers & Harbors Act	Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.
Diane C. Kozlowski Chief, Regulatory Branch U.S. Army Corps of Engineers, Buffalo District 1776 Niagara Street Buffalo, NY 14207 716-879-4330 http://www.lrb.usace.army.mil/Missions/Regulatory.aspx	Permit - Section 404 of the Clean Water Act (CWA) Permit - Section 10 of the Rivers & Harbors Act	Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.

Agency and Contact Information	Permit/Consultation	Participation in the Pre-Filing Process	Comments
John Konik Chief, Regulatory Branch U.S. Army Corps of Engineers, Detroit District 77 Michigan Avenue Detroit, Michigan 48226-2550. http://www.lre.usace.army.mil/Missions/RegulatoryProgramandPermits.aspx	Permit - Section 404 of the Clean Water Act (CWA) Permit - Section 10 of the Rivers & Harbors Act	Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.
Tinka Hyde Division Director, Water U.S. Environmental Protection Agency Region 5 (OH, MI) 77 West Jackson Blvd. Chicago, IL 60604 312-886-2255 http://www2.epa.gov/aboutepa/epa-region-5	As part of delegation of Section 404/401 to MIDEP, may provide comments on the project	Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.
Gary Jensen, Team Leader U.S. Department of Transportation Federal Highway Administration National Scenic Byways Program 1200 New Jersey Avenue, SE Washington, DC 20590 202-366-2048 http://www.fhwa.dot.gov/hep/scenic_byways/	Under Title 23, 162 USC, may provide comment on crossings of America's (scenic) byways.	Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.
Gary C. Chancey Public Affairs Officer U.S. Forest Service Wayne National Forest 13700 US Highway 33 Nelsonville, OH 45764 740-753-0862 http://www.fs.usda.gov/wayne	Wayne National Forest, may provide comments on crossing within Forest Service (FS) boundary. No FS-owned land is crossed.	Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.

Agency and Contact Information	Permit/Consultation	Participation in the Pre-Filing Process	Comments
John Schmidt, Project Leader U.S. Fish & Wildlife Service West Virginia Ecological Services Field Office 694 Beverly Pike Elkins, WV 26241 http://www.fws.gov/westvirginiafieldoffice/	Consultation - Section 7 Endangered Species Act Consultation - Migratory Bird Treaty Act and Bald and Golden Eagle Protection Act	Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.
Lora Zimmerman, Project Leader/Supervisor U.S. Fish & Wildlife Service Pennsylvania Ecological Services Field Office 315 South Allen Street, Suite 322 State College, PA 16801 814-234-4090 x 233 http://www.fws.gov/northeast/pafo/	Consultation - Section 7 Endangered Species Act Consultation - Migratory Bird Treaty Act and Bald and Golden Eagle Protection Act	Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.
Mary Knapp, Ph.D., Field Supervisor U.S. Fish & Wildlife Service Ohio Ecological Services Field Office 4625 Morse Road, Suite 104 Columbus, OH 43230 614-416-8993 x 12 http://www.fws.gov/midwest/Ohio/	Consultation - Section 7 Endangered Species Act Consultation - Migratory Bird Treaty Act and Bald and Golden Eagle Protection Act	Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.
Scott Hicks, Field Office Supervisor U.S. Fish & Wildlife Service East Lansing Ecological Services Field Office 2651 Coolidge Road East Lansing, MI 48823 517-351-6274 http://www.fws.gov/midwest/EastLansing/	Consultation - Section 7 Endangered Species Act Consultation - Migratory Bird Treaty Act and Bald and Golden Eagle Protection Act	Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.

Agency and Contact Information	Permit/Consultation	Participation in the Pre-Filing Process	Comments
WEST VIRGINIA			
Scott G. Mandirola, Division Director Division of Water and Waste Management West Virginia Department of Environmental Protection 601 57th Street, SE Charleston, WV 25304 (304) 926-0463 http://www.dep.wv.gov/Pages/default.aspx	Section 401 Water Quality Certification. NPDES Construction Stormwater approval Hydrostatic test water discharge permit	Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.
John A. Benedict, Director Division of Air Quality West Virginia Department of Environmental Protection 601 57th Street, SE Charleston, WV 25304 (304) 926-0440	Air permit	Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.
Director, Office of Land and Streams West Virginia Division of Natural Resources 324 Fourth Avenue South Charleston, WV 25303 (304) 558-3225 http://www.wvdnr.gov/	Permit for crossings of regulated waterbodies, if applicable	Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.
Susan Pierce, Director/Deputy State Historic Preservation Officer West Virginia Division of Culture and History The Culture Center, Capitol Complex 1900 Kanawha Boulevard East Charleston WV 25305-0300 304-558-0240 http://www.wvculture.org/shpo/shpoindex.aspx	Consultation Section 106 National Historic Preservation Act	Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.

Agency and Contact Information	Permit/Consultation	Participation in the Pre-Filing Process	Comments
PENNSYLVANIA			
Sue Malone, Regional Director Southwest (Pittsburgh) Regional Office Pennsylvania Department of Environmental Protection 400 Waterfront Drive Pittsburgh, PA 15222 412-442-4000 http://www.depweb.state.pa.us/portal/server.pt/community/dep_home/5968	Erosion & Sediment Control General Permit (ESCGP) BDWM GP-8 Temporary Road Crossing Permit BDWM GP-5 Utility Line Crossing Permit NPDES – Hydrostatic Test Water Discharge Permit/Approval Air Permit	Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.
Lauren Imgrund, Director Bureau of Recreation and Conservation Pennsylvania Department of Conservation and Natural Resources 400 Market Street Harrisburg, PA 17105-8552 717-783-2658 http://www.dcnr.state.pa.us/	Consultation - State listed species	Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.
Director, Division of Environmental Services Pennsylvania Fish and Boat Commission 450 Robson Lane Bellefonte, PA 16823-7437 717-705-7800 https://www.fish.state.pa.us/	Consultation - State listed species	Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.
William A. Capouillez, Director Bureau of Wildlife Habitat Management Pennsylvania Game Commission (PGC) 2001 Elmerton Avenue, Harrisburg, PA 17110-9797 717-787-4250 http://www.pgc.state.pa.us/portal/server.pt/community/pgc/9106	Consultation - State listed species	Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.

Agency and Contact Information	Permit/Consultation	Participation in the Pre-Filing Process	Comments
Doug McLearen, Division Chief, Archaeology and Protection Pennsylvania Historical & Museum Commission Commonwealth Keystone Building, Second Floor 400 North Street Harrisburg, PA 17120-0093 717-772-0925 http://www.portal.state.pa.us/portal/server.pt/community/historic_preservation/3741	Consultation Section 106 National Historic Preservation Act	Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.
OHIO			
Craig W. Butler, Director Ohio Environmental Protection Agency 50 West Town Street, Suite 700 Columbus, OH 43216-1049 (614) 644-2782 http://www.epa.state.oh.us/	Section 401 Water Quality Certification Isolated Wetland Permits, if required NPDES Stormwater Permit NPDES Hydrostatic Test Discharge Permit Air Permit	Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.
Carl Gebhardt, Division Chief Division of Surface Water Ohio Environmental Protection Agency 50 West Town Street, Suite 700 Columbus, OH 43216-1049 (614) 644-2041	Section 401 Water Quality Certification Isolated Wetland Permits, if required NPDES Stormwater Permit NPDES Hydrostatic Test Discharge Permit	Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.
Rachel Taulbee, Supervisor Division of Air Pollution Control Ohio Environmental Protection Agency 50 West Town Street, Suite 700 Columbus, OH 43216-1049 (614) 644-2490	Air Permit	Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.

Agency and Contact Information	Permit/Consultation	Participation in the Pre-Filing Process	Comments
Director, Division of Wildlife Ohio Department of Natural Resources 2045 Morse Road Columbus, OH 43229-6693 http://www.dnr.state.oh.us/	Consultation - State listed species Leesville Lake Wildlife Area crossing	Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.
Mark J. Epstein Department Head, Resource Protection and Review State Historic Preservation Office 800 E. 17th Avenue Columbus, OH 43211 614-298-2000 http://www.ohiohistory.org/ohio-historic-preservation-office	Consultation Section 106 National Historic Preservation Act	Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.
Todd Schaffer, Operations Stark County Park District 5300 Tyner Street, NW Canton, OH 44708 (330) 477-3552 http://www.starkparks.com/park.asp?park=12	Consultation - Crossing of the Ohio & Erie Canalway at the Tuscarawas River.	Pending	Telecom on June 16, 2014. Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.

Agency and Contact Information	Permit/Consultation	Participation in the Pre-Filing Process	Comments
MICHIGAN			
Mary Vanderlaan, District Coordinator Michigan Dept. of Environmental Quality Lansing District Office Water Resources Division 525 West Allegan Street (Constitution Hall) Lansing, MI 48909-7742 517-284-6651 http://www.michigan.gov/deq	Delegated 401/404. Inland Lakes and Streams (Part 301) and Wetland (Part 303) Permit Soil Erosion & Sedimentation Control (SESC) approval Water Withdrawal Permit Groundwater (hydrostatic) Discharge Permit Coastal Zone Management consistency (St. Claire River) Submerged Lands Permit (St. Claire River)	Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.
Jon Russell, District Coordinator Michigan Dept. of Environmental Quality Jackson District Office Water Resources Division 301 East Louis Glick Highway Jackson, MI 49101-1556 (517) 780-7690		Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.
Andy Hartz, District Coordinator Water Resources Division Michigan Department of Environmental Quality Southeast Michigan District Office 27700 Donald Court Warren, MI 48092—2793 586-753-3700		Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.
Keith Creagh, Director Michigan Department of Natural Resources 525 West Allegan Street, PO Box 30028 Lansing, MI 48909 517-284-6367 http://www.michigan.gov/dnr	Consultation - State listed species Pinkney State Recreation Area crossing Holly State Recreation Area crossing Horseshoe Lake State Game Area crossing Polly Ann Trail (converted railroad) crossing	Pending	Telecom on June 13, 2014 about Horseshoe Lake crossing. Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.

Agency and Contact Information	Permit/Consultation	Participation in the Pre-Filing Process	Comments
Jenifer Olsen, Lands – Oakland County Michigan Department of Natural Resources Rose Lake Wildlife Office 8562 East Stoll Road East Lansing, MI 48823	Horseshoe Lake State Game Area	Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.
Martha MacFarlane-Faes Deputy State Historic Preservation Officer Michigan State Housing Development Authority Historic Preservation 702 W. Kalamazoo St., P.O. Box 30740 Lansing, MI 48909-8240 517-335-2720 http://www.michigan.gov/mshda/0,1607,7-141-54317---,00.html	Consultation Section 106 National Historic Preservation Act	Pending	Project Introduction Letter/Request to Participate in Pre-Filing Process mailed 6/25/14.

ET Rover Pipeline Company LLC
Docket No. PF14-___-000
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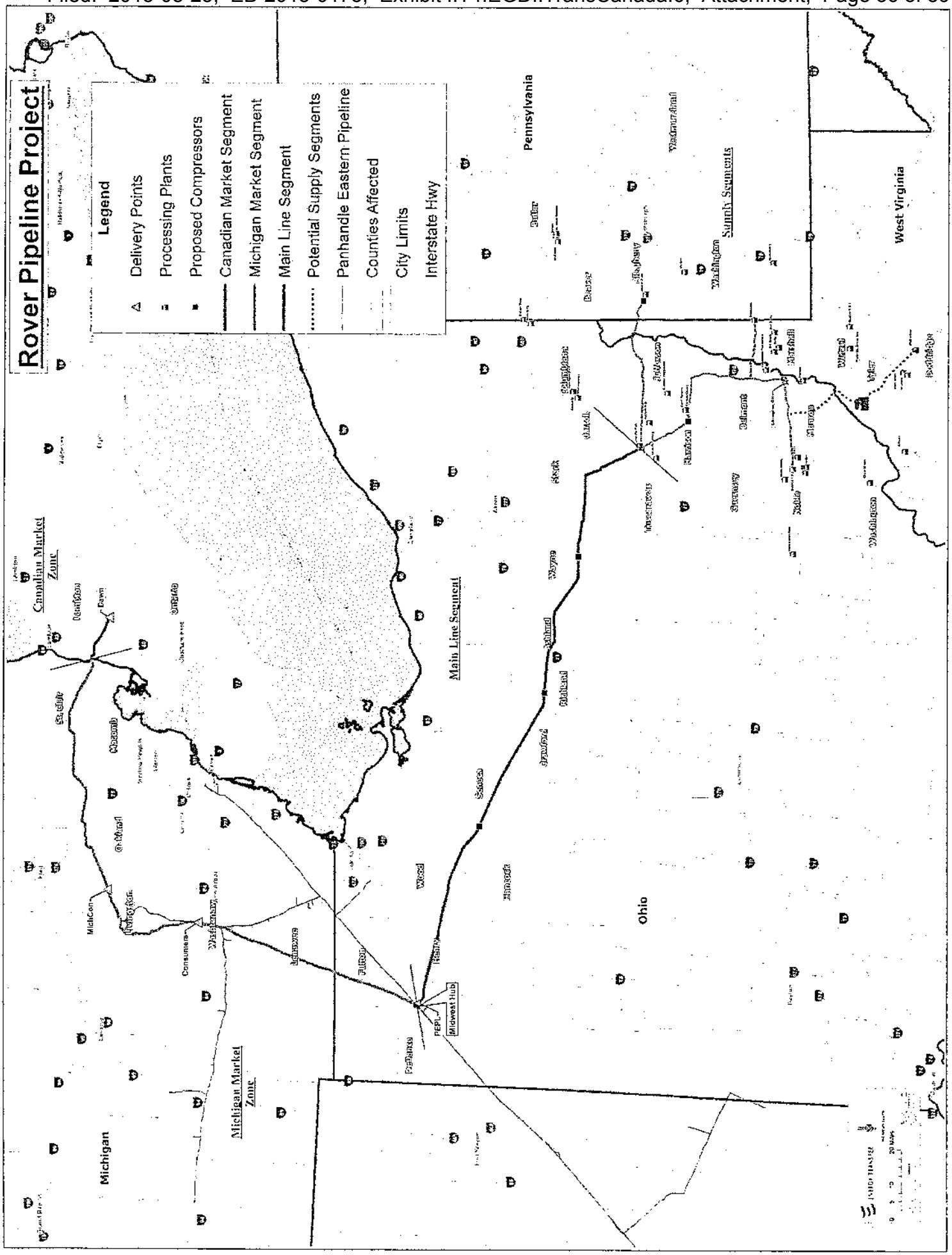
Appendix B
Project Map


Rover Pipeline Project
Legend
Delivery Points
Processing Plants
Proposed Compressors
Canadian Market Segment
Michigan Market Segment
Main Line Segment
Potential Supply Segments
Panhandle Eastern Pipeline
Counties Affected
City Limits
Interstate Hwy
Summit Segments
Pennsylvania
West Virginia
Ohio
Michigan
Canadian Market Zone
Michigan Market Zone
Main Line Segment
Midwest Hub
PEPL
Panhandle

Joel Denomy

From: Hill, Bryan D. <Bryan.Hill@energytransfer.com>
Sent: Monday, June 30, 2014 11:36 AM
To: Joel Denomy
Subject: RE: Operations - ET Rover Pipeline Project

FYI, it's out there now.

http://www.energytransfer.com/ops_etrover.aspx

-----Original Message-----
From: Joel Denomy [mailto:Joel.Denomy@enbridge.com]
Sent: Friday, June 27, 2014 11:12 AM
To: Hill, Bryan D.
Subject: Re: Operations - ET Rover Pipeline Project

Thanks Bryan,

Joel

> On Jun 27, 2014, at 11:33 AM, "Hill, Bryan D." <Bryan.Hill@energytransfer.com> wrote:
>
> Joel,
> FYI, contrary to initial indications, I just learned that the Rover Open Season will be out on Monday morning. See link below for additional information if you're interested.
>
> http://www.energytransfer.com/ops_etrover.aspx
>
> Thanks.

Joel Denomy

From: Hill, Bryan D. <Bryan.Hill@energytransfer.com>
Sent: Friday, June 27, 2014 11:33 AM
To: Joel Denomy
Subject: Operations - ET Rover Pipeline Project

Joel,
FYI, contrary to initial indications, I just learned that the Rover Open Season will be out on Monday morning. See link below for additional information if you're interested.

http://www.energytransfer.com/ops_etrover.aspx

Thanks.

Joel Denomy

From: Hill, Bryan D. <Bryan.Hill@energytransfer.com>
Sent: Thursday, June 26, 2014 2:55 PM
To: Joel Denomy
Subject: RE: July 3

That works great.

From: Joel Denomy [mailto:Joel.Denomy@enbridge.com]
Sent: Thursday, June 26, 2014 1:54 PM
To: Hill, Bryan D.
Cc: Jamie LeBlanc
Subject: RE: July 3

Good. Works for us. Lets say 9am or thereabouts. I'll have a room booked for us.

Joel

From: Hill, Bryan D. [mailto:Bryan.Hill@energytransfer.com]
Sent: Thursday, June 26, 2014 2:47 PM
To: Joel Denomy
Subject: July 3

Joel,
Sorry, I just missed your call. As your schedules are open right now, let's go with the morning of Thursday, July 3. Beth and I will likely be coming in from the metropolis of Chatham on Wednesday evening so a Thursday morning meeting would be great. Then I can get her back on a plane towards Houston that evening. Thanks very much.

ENERGY TRANSFER

Bryan Hill
Panhandle Eastern Pipe Line & Trunkline Gas Co.
phone 313.640.8684 | cell 313.930.0274

Joel Denomy

From: Hill, Bryan D. <Bryan.Hill@energytransfer.com>
Sent: Thursday, June 26, 2014 2:47 PM
To: Joel Denomy
Subject: July 3

Joel,
Sorry, I just missed your call. As your schedules are open right now, let's go with the morning of Thursday, July 3. Beth and I will likely be coming in from the metropolis of Chatham on Wednesday evening so a Thursday morning meeting would be great. Then I can get her back on a plane towards Houston that evening. Thanks very much.

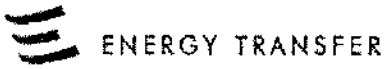
Bryan Hill
Panhandle Eastern Pipe Line & Trunkline Gas Co.
phone 313.640.8684 | cell 313.930.0274

Jamie LeBlanc

From: Hill, Bryan D. <Bryan.Hill@energytransfer.com>
Sent: Thursday, June 26, 2014 9:37 AM
To: Joel Denomy
Cc: Jamie LeBlanc
Subject: Energy Transfer Rover Press Release
Attachments: 2014 6 26 ET Rover Pipeline Press Release FINAL.pdf

Joel,
Attached is the press release that I mentioned on the message I just left you regarding a Marcellus/Utica project we're sponsoring that will deliver gas into Dawn. Beth Hickey and I would like to meet up with you and Jamie to go over the project. A 30 day open season is being launched tomorrow so time is a bit tight.

If you are available, we'd like to come by your offices next Thursday, July 3. I realize that you guys will be just coming off of a long weekend (and we are going in to one) and this is short notice, but hopefully we can snag a few minutes of your time to discuss the project. Please let me know if this is a possibility as we're trying to cobble a travel schedule together rather quickly. Thanks.



Bryan Hill
Panhandle Eastern Pipe Line & Trunkline Gas Co.
phone 313.640.8684 | cell 313.930.0274

ENERGY TRANSFER

ENERGY TRANSFER PARTNERS ANNOUNCES PIPELINE PROJECT CONNECTING MARCELLUS AND UTICA SHALE SUPPLIES TO MULTIPLE MARKETS

Significant long-term binding shipper commitments secured to support the pipeline

Open Season Launched to Finalize Project Scope

DALLAS, June 26, 2014 – Energy Transfer Partners, L.P. (NYSE: ETP) today announced that its Board of Directors has approved building a pipeline to transport natural gas from processing facilities located in the prolific Marcellus and Utica Shale areas to numerous market regions in the United States and Canada. In conjunction with this announcement, ETP is announcing it has signed long-term agreements with multiple shippers and is launching a binding Open Season.

The natural gas pipeline is currently sized to transport 2.2 billion cubic feet per day, however, depending on additional shipper commitments, the project likely will be expanded to transport up to 3.25 billion cubic feet per day. ETP has secured capacity commitments from producers who hold significant acreage positions in the Utica and Marcellus Shales and has been in negotiations with numerous other shippers who have expressed a desire to contract for capacity in the Open Season. The three largest shippers on the project are American Energy – Utica, LLC (AEU), Antero Resources Corporation (NYSE:AR) and Range Resources Corporation (NYSE:RRC). American Energy and Antero Resources both have options to purchase non-operating equity interests in the project.

The first approximately 400 miles of the project will enable the flow of gas from processing plants and interconnections in Pennsylvania, West Virginia and Ohio to points of interconnection with Energy Transfer's existing Panhandle Eastern Pipe Line (PEPL) and another Midwest pipeline near Defiance. Ohio. Shippers in the ET Rover project also will be able to transport to Trunkline Zone 1A, delivery points via the interconnection with PEPL, to access existing and new industrial markets and potential liquefaction export markets in the Gulf Coast. Additionally, ETP expects to construct an approximately 195-mile segment from the Defiance area through Michigan and ultimately to the Union Gas Dawn Hub (Dawn) near Sarnia, Canada providing producers with access to diverse markets and end-users in Michigan and Canada with access to Marcellus and Utica supplies. Energy Transfer has received sufficient commitments and Board Approval to build the pipeline to Defiance and anticipates receiving sufficient volumes to justify building to Dawn.

ETP's binding Open Season for shippers to secure capacity on the ETP pipeline will begin tomorrow at 9:00 AM CDT. Pending the results of the Open Season and all necessary regulatory approvals, Energy

Transfer plans to have initial service to the Midwest Hub located near Defiance, Ohio and Gulf Coast markets by the fourth quarter of 2016, and the remaining service to markets in Michigan and Canada by the second quarter of 2017.

For commercial inquiries about the natural gas pipeline project, please contact:

Beth Hickey
beth.hickey@energytransfer.com
713-989-7633

Terry Reilly
terrance.reilly@energytransfer.com
713-989-7629

Energy Transfer Partners, L.P. (NYSE: ETP) is a master limited partnership owning and operating one of the largest and most diversified portfolios of energy assets in the United States. ETP currently owns and operates approximately 35,000 miles of natural gas and natural gas liquids pipelines. ETP owns 100% of Panhandle Eastern Pipe Line Company, LP (the successor of Southern Union Company) and Sunoco, Inc., and a 70% interest in Lone Star NGL LLC, a joint venture that owns and operates natural gas liquids storage, fractionation and transportation assets. ETP also owns the general partner, 100% of the incentive distribution rights, and approximately 33.5 million common units in Sunoco Logistics Partners L.P. (NYSE: SXL), which operates a geographically diverse portfolio of crude oil and refined products pipelines, terminalling and crude oil acquisition and marketing assets. ETP's general partner is owned by ETE. For more information, visit the Energy Transfer Partners, L.P. web site at www.energytransfer.com.

Energy Transfer Equity, L.P. (NYSE: ETE) is a master limited partnership which owns the general partner and 100% of the incentive distribution rights (IDRs) of Energy Transfer Partners, L.P. (NYSE: ETP), approximately 30.8 million ETP common units, and approximately 50.2 million ETP Class H Units, which track 50% of the underlying economics of the general partner interest and IDRs of Sunoco Logistics Partners L.P. (NYSE: SXL). ETE also owns the general partner and 100% of the IDRs of Regency Energy Partners LP (NYSE: RGP) and approximately 40.7 million RGP common units. The Energy Transfer family of companies owns more than 61,000 miles of natural gas, natural gas liquids, refined products, and crude oil pipelines. For more information, visit the Energy Transfer Equity, L.P. web site at www.energytransfer.com.

Forward-Looking Statements
This press release may include certain statements concerning expectations for the future that are forward-looking statements as defined by federal law. Such forward-looking statements are subject to a variety of known and unknown risks, uncertainties, and other factors that are difficult to predict and many of which are beyond management's control. An extensive list of factors that can affect future results are discussed in the Partnership's Annual Report on Form 10-K and other documents filed from time to time with the Securities and Exchange Commission. The Partnership undertakes no obligation to update or revise any forward-looking statement to reflect new information or events.

The information contained in this press release is available on our website at www.energytransfer.com.

Investor Relations:
Brent Ratliff
Office: 214-981-0700

or

Media Relations:
Granado Communications Group

Vicki Granado
Office: 214-599-8785
Cell: 214-498-9272

Jamie LeBlanc

From: Hickey, Beth A. <Beth.Hickey@energytransfer.com>
Sent: Friday, August 02, 2013 3:45 PM
To: Jamie LeBlanc; Joel Denomy (joel.denomy@enridge.com)
Subject: FW: Scanned from a Xerox multifunction device
Attachments: Scanned from a Xerox multifunction device.PDF; Beth Hickey.vcf

Hi there!

Thanks again for taking time out of your schedules to meet up with us last week. It was very nice to meet you.

Attached is an electronic copy of the presentation we went thru regarding the Trunkline potential build into Vector Pipeline. The potential new interconnect with Vector will be on the suction side of the Springville compressor station.

Good luck with all your regulatory proceedings this summer and we will make a point of re-connecting with you later this year. In the meantime, please do not hesitate to contact me should you have any questions or if I can provide any further assistance. I have attached my vcard for your contact info.

Thanks,
Beth.

Beth Hickey
Sr. Director, Marketing & Optimization
Panhandle Energy
office: (713) 989 - 7633
cell: (713) 206 - 1067
Beth.hickey@energytransfer.com
AOL IM: bethatpan

-----Original Message-----
From: HOU_01_001_XRX_PS@sug.pri [mailto:HOU_01_001_XRX_PS@sug.pri]
Sent: Friday, August 02, 2013 2:32 PM
To: Hickey, Beth A.
Subject: Scanned from a Xerox multifunction device

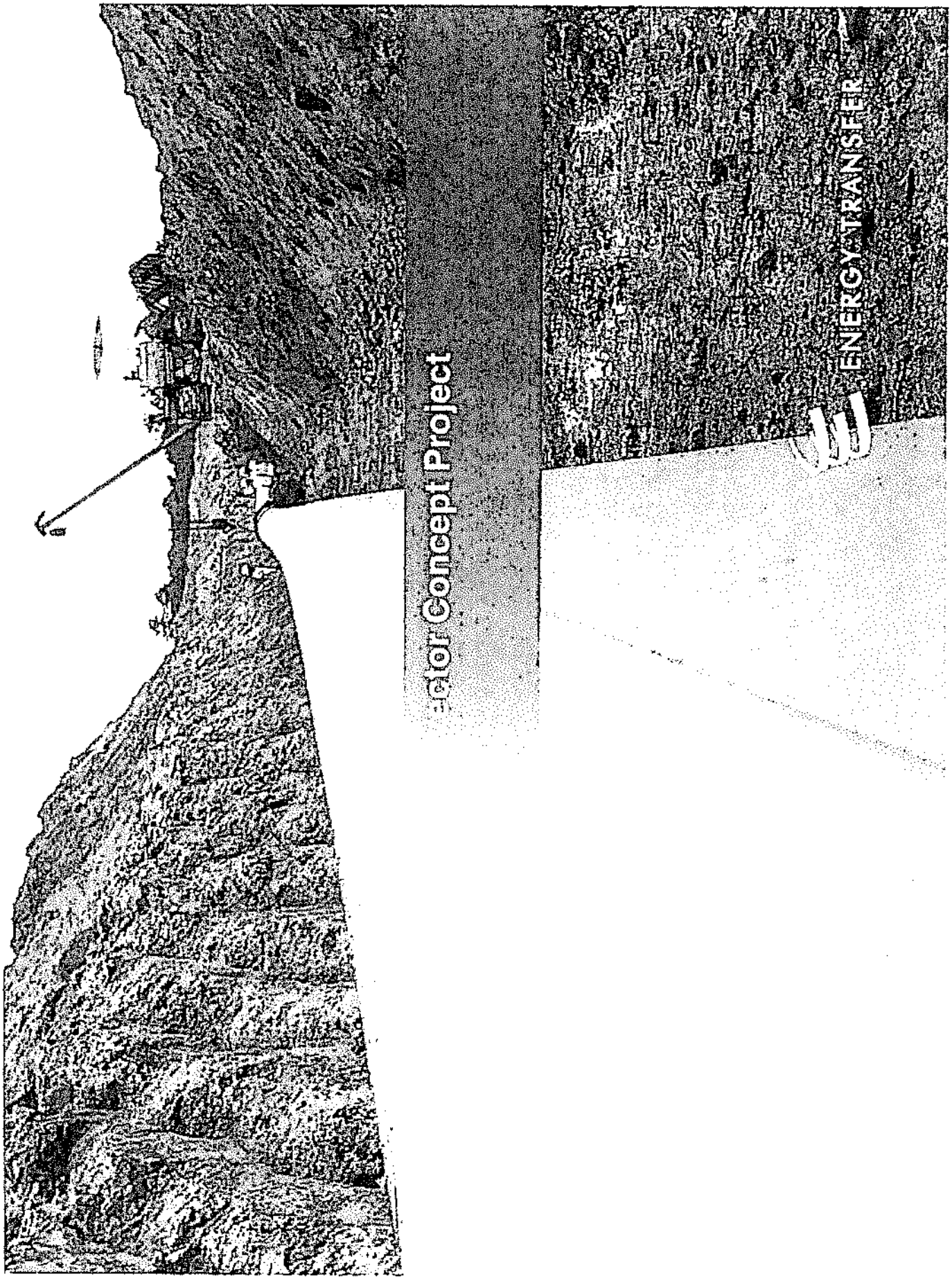
Please open the attached document. It was scanned and sent to you using a Xerox multifunction device.

Sent by: [HOU_01_001_XRX_PS@sug.pri]
Attachment File Type: PDF, Multi-Page

multifunction device Location: 1300 Main
Device Name: XRX_9c934e1d28a0

multifunction device IP Address: 10.72.171.247

For more information on Xerox products and solutions, please visit http://www.xerox.com


ENERGY TRANSFER
ator Concept Project

Legal Disclaimer

This presentation may contain statements about future events, outlook and expectations of Energy Transfer Equity, L.P. (ETE), Energy Transfer Partners, L.P. (ETP), Sunoco Logistics Partners L.P. (SXL), Southern Union Company, and Regency Energy Partners LP (RGP) (collectively, the "Companies"), all of which are forward-looking statements. Any statement in this presentation that is not a historical fact may be deemed to be a forward-looking statement. These forward-looking statements rely on a number of assumptions concerning future events that are believed to be reasonable, but are subject to a number of risks, uncertainties and other factors, many of which are outside the Companies' control, and which could cause the actual results, performance or achievements of the Companies to be materially different. While the Companies believe that the assumptions concerning future events are reasonable, we caution that there are inherent difficulties in predicting certain important factors that could impact the future performance or results of our businesses. These risks and uncertainties are discussed in more detail in the filings made by the Companies with the Securities and Exchange Commission, copies of which are available to the public. The Companies expressly disclaim any intention or obligation to revise or publicly update any forward-looking statements, whether as a result of new information, future events, or otherwise.

All references in this presentation to capacity of a pipeline, processing plant or storage facility relate to maximum capacity under normal operating conditions and with respect to pipeline transportation capacity and are subject to multiple factors (including natural gas injections and withdrawals at various delivery points along the pipeline and the utilization of compression) which may reduce the throughput capacity from specified capacity levels.

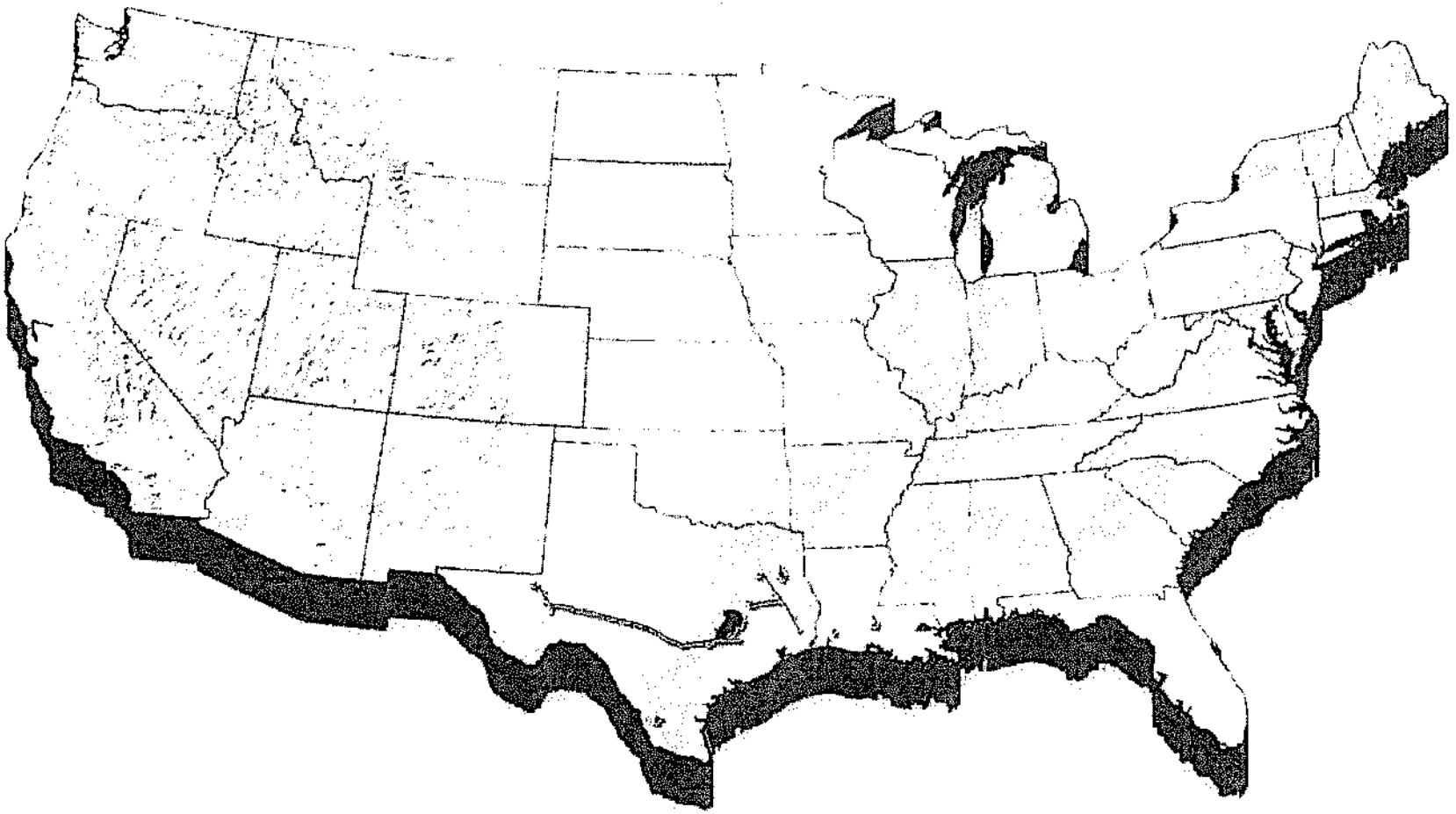
Energy Transfer – Company Overview

Energy Transfer began in 1995 as a small intrastate natural gas pipeline operator and is now one of the largest and most diversified investment grade master limited partnerships in the United States.

The Energy Transfer family of partnerships consists of the following publicly traded partnerships:

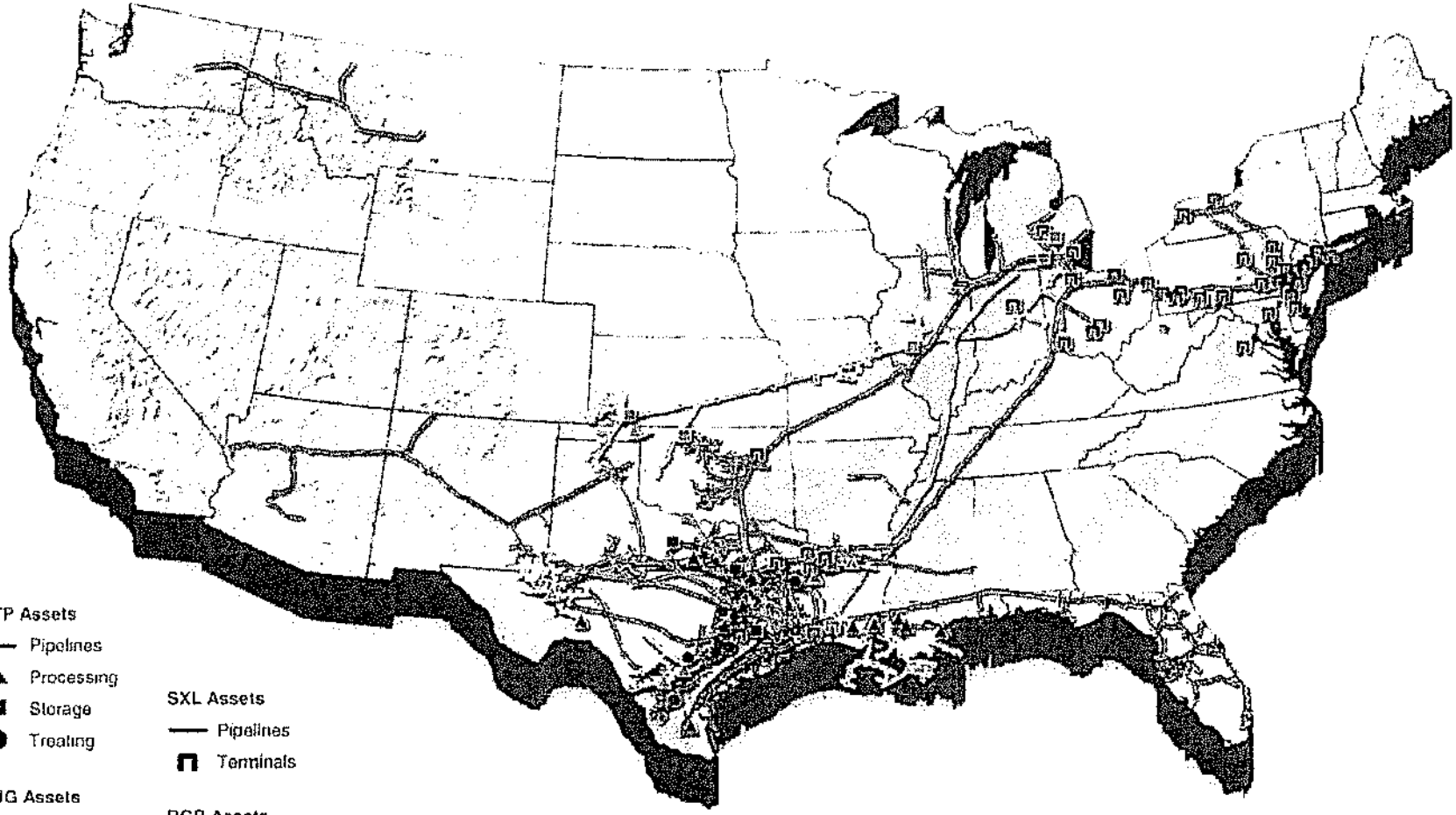
- Energy Transfer Partners, L.P. (NYSE: ETP)
- Energy Transfer Equity, L.P. (NYSE: ETE)
- Regency Energy Partners, L.P. (NYSE: RGP)
- Sunoco Logistics Partners, L.P. (NYSE: SXL)

Energy Transfer Assets - 2002



Approximately 3,400 miles of natural gas pipelines

Energy Transfer Today
A Leading Midstream Energy Platform

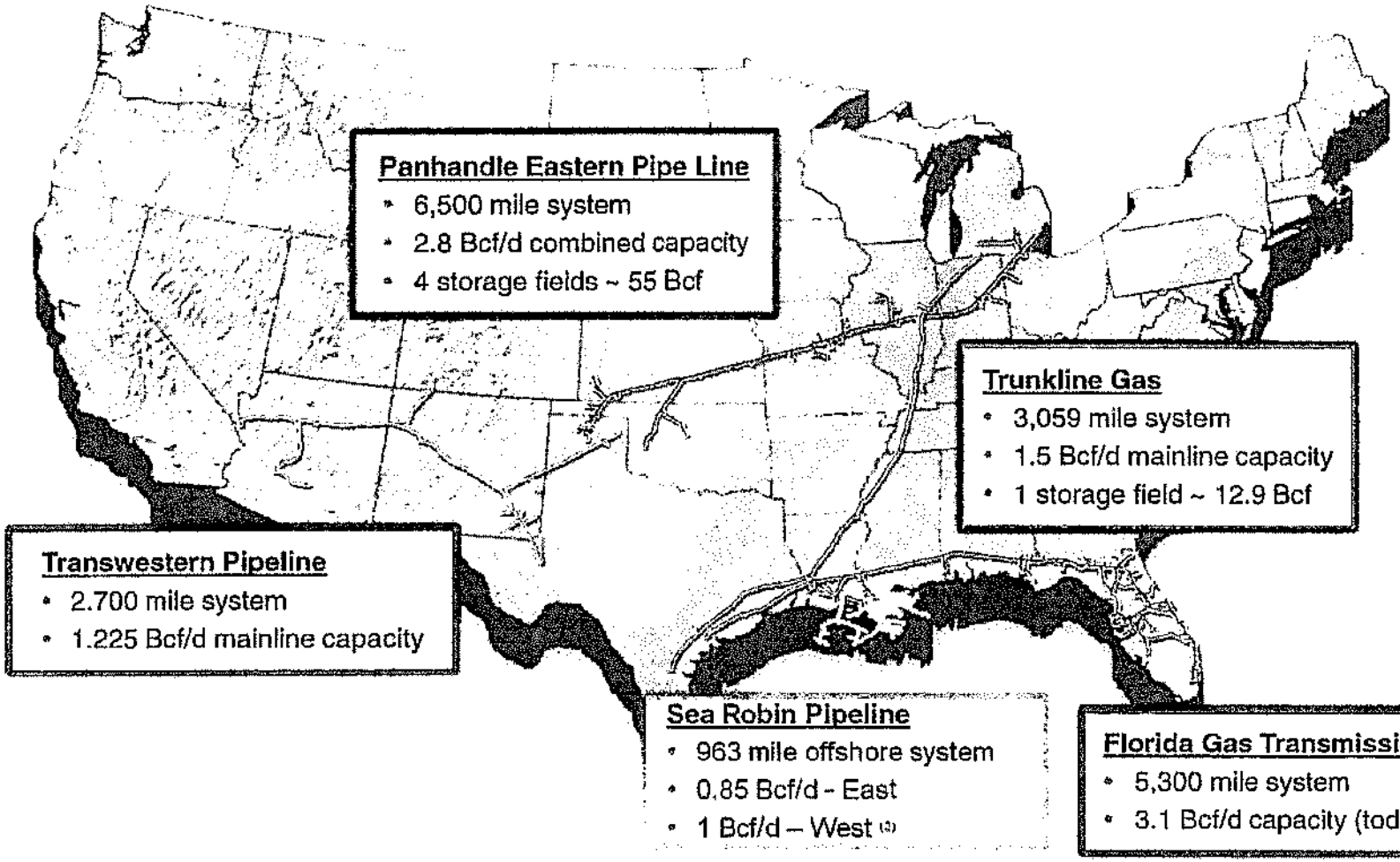


More than 65,000 miles of natural gas, NGL, crude, and refined products pipelines

ENERGY TRANSFER

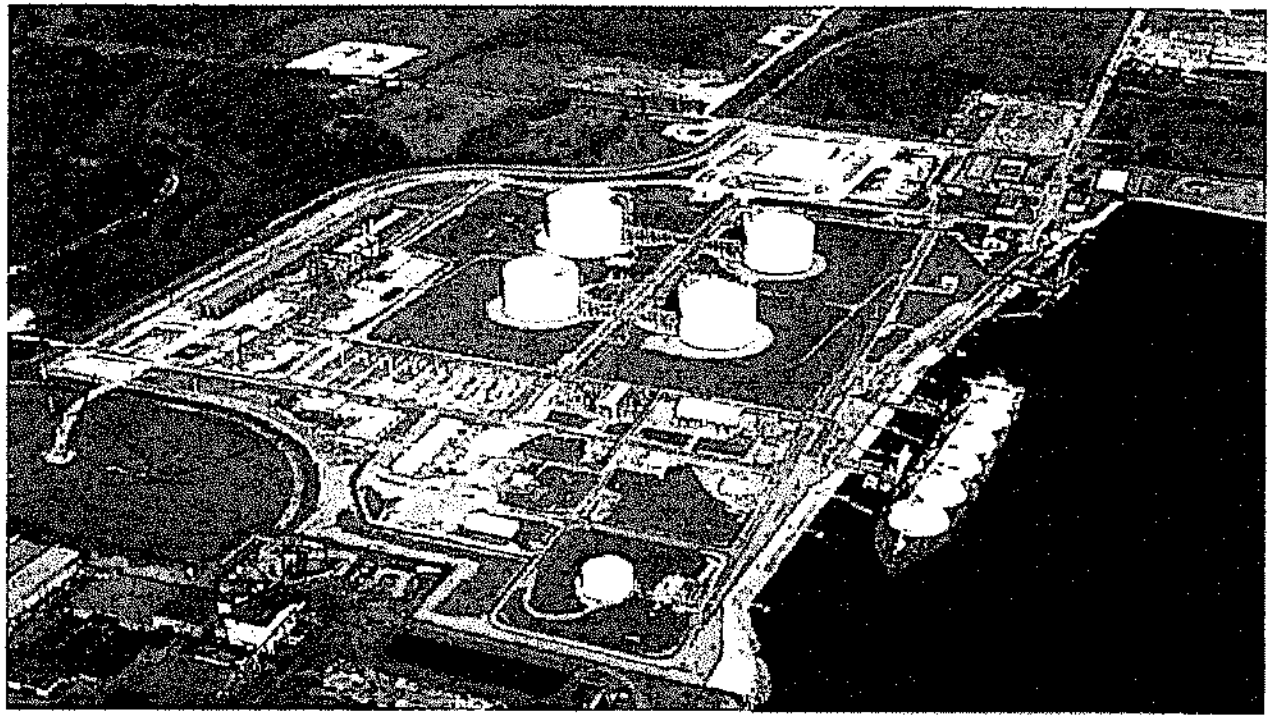
Note: Assets Shown Exclude SUN Retail and SUG Distribution

Energy Transfer/Southern Union Legacy Interstate Assets (1)



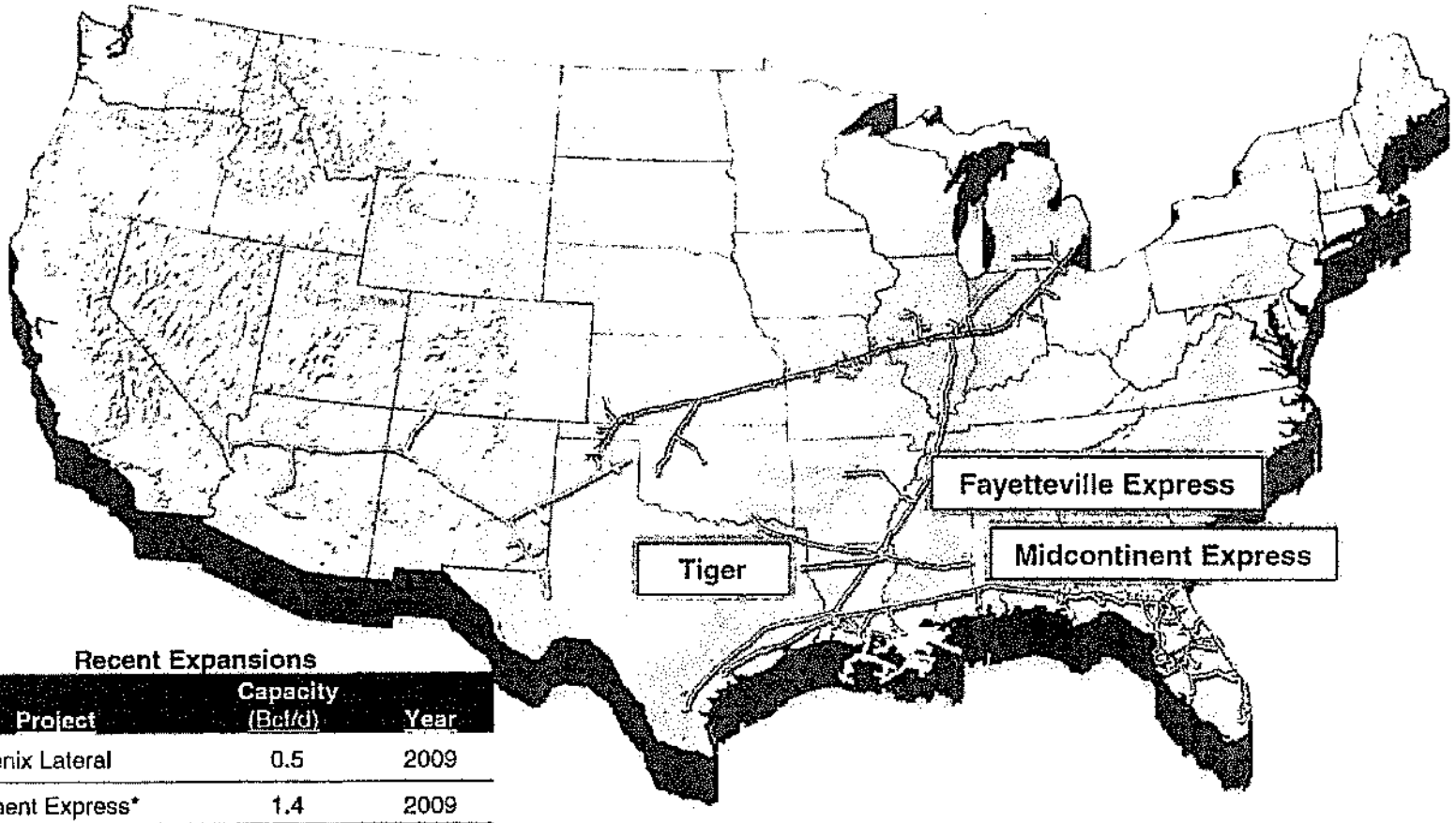
(1) Pipeline systems in operation prior to 2008.
(2) The West leg was operated as part of the Trunkline system prior to 2012.

Energy Transfer Interstate Assets
Trunkline LNG Import Terminal



- One of the nation's largest LNG import terminals
- Located in Lake Charles, Louisiana
- 2.1 Bcf/day of peak send out capacity; 9.0 Bcf of storage

Energy Transfer Interstate Pipeline Assets Today

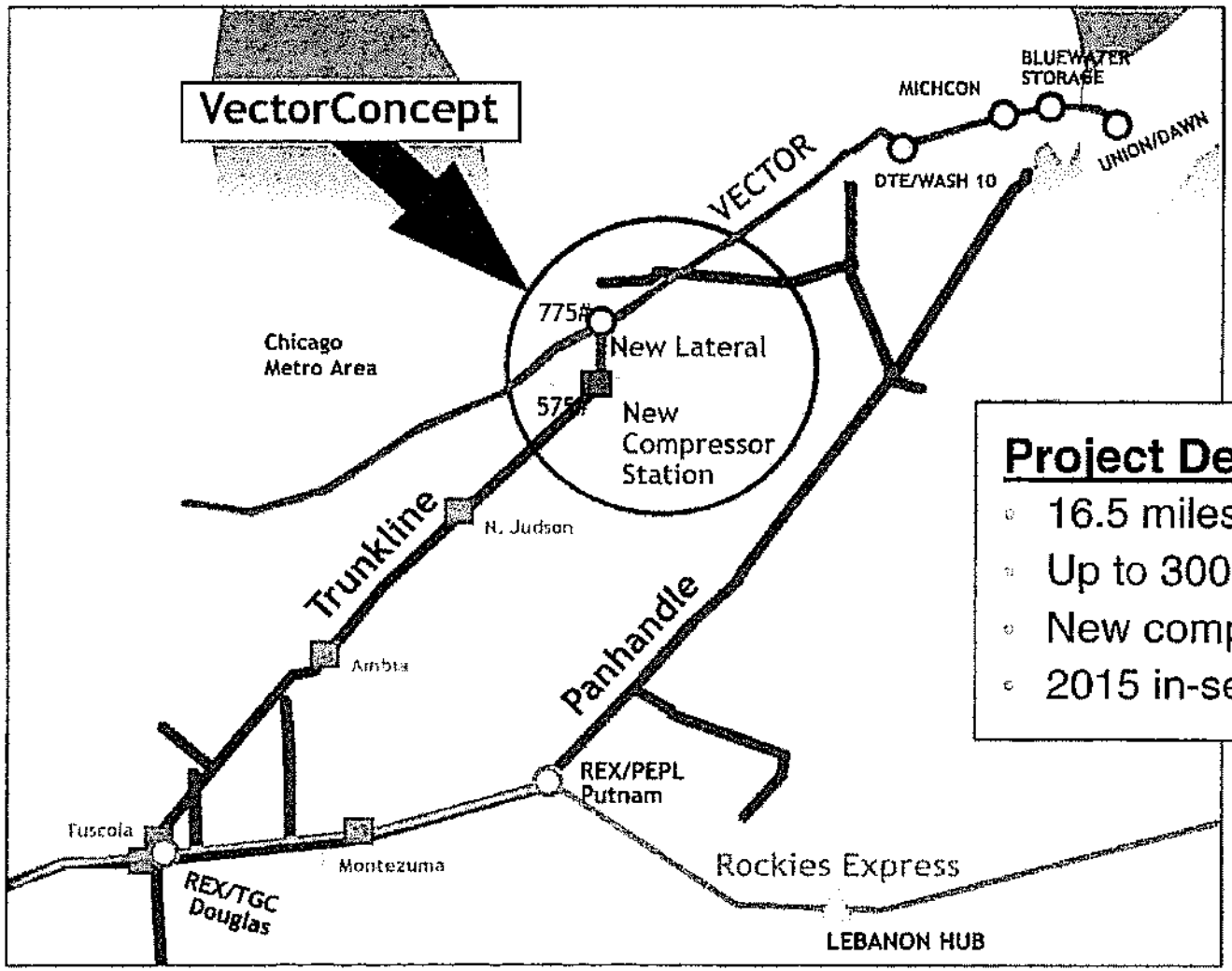


Recent Expansions

Project	Capacity (Bcf/d)	Year
TW Phoenix Lateral	0.5	2009
Midcontinent Express*	1.4	2009
Fayetteville Express*	2.0	2010
Tiger	2.4	2010
FGT Phase VIII	0.8	2011

* Joint venture with Kinder Morgan.

Vector Concept

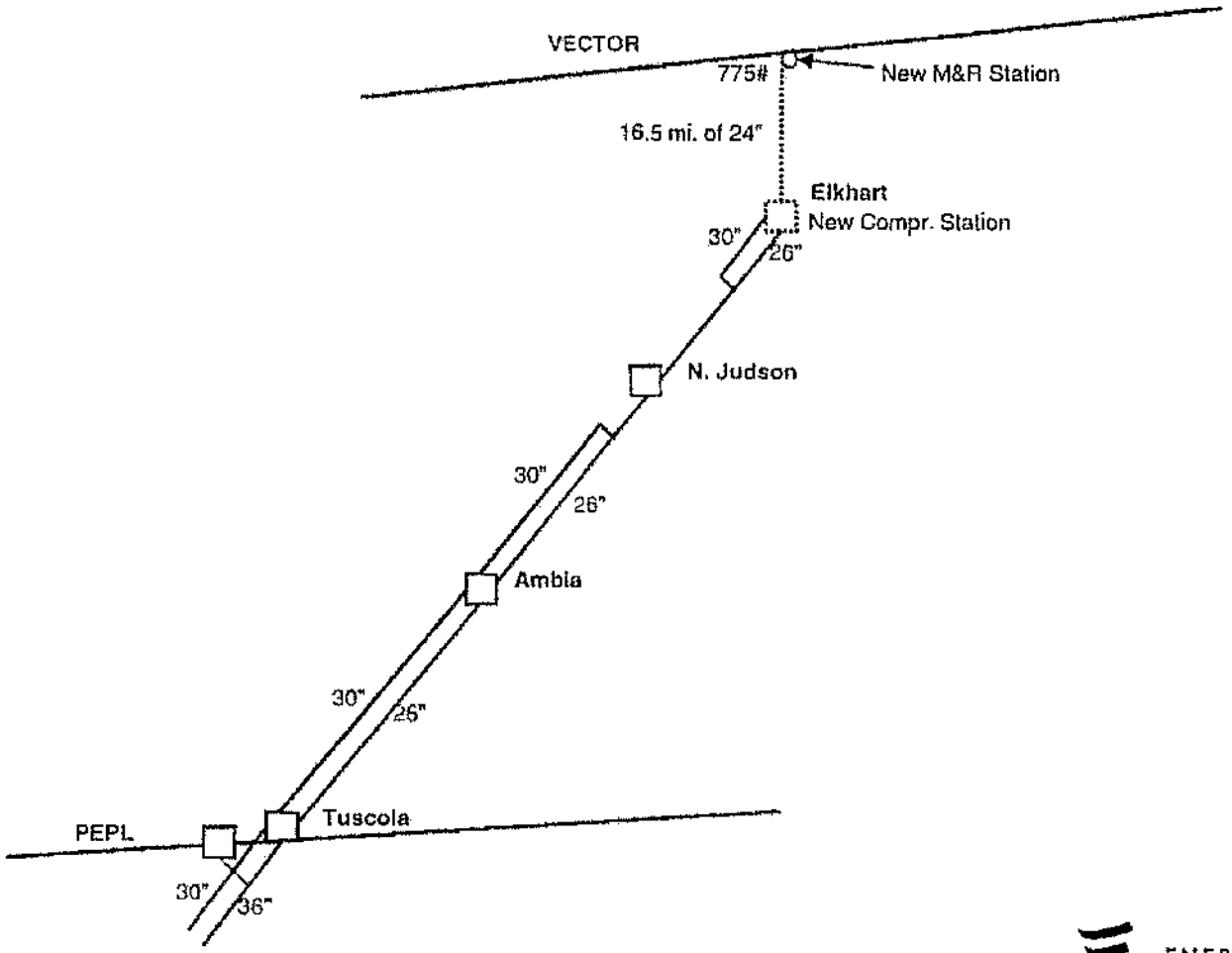


Project Description

- 16.5 miles of 24" pipeline
- Up to 300,000 Dth/d
- New compression at Elkhart
- 2015 in-service

ENERGY TRANSFER

Vector Concept



ENERGY TRANSFER

Vector Concept Supply Options

ENERGY TRANSFER

Regulatory Process

Requirement	Timing
Obtain Project Support	October 1, 2013
File FERC 7(c) Application	December 31, 2013
Air Permit - compressor	January 2014 (1 year)
FERC Issues Certificate	June 2014
FERC Issues Notice to Proceed	September 2014
Facilities Complete/In-service	September 2015

Project Assumptions

- At $0.25-$0.30/Dth this is the least reservation of all proposed projects to move Utica/Marcellus gas
- Trunkline path - Zone 1B to Zone 2 fuel currently 1.35% and $0.0062 commodity
- The value of the access to various supply and market options is greater than the forward spread
- Earliest projected in service date (Q3-15)

TRANSCANADA INTERROGATORY #7

INTERROGATORY

Reference:

i) Application, Exhibit A, Tab 3, Schedule 1, Appendix C, Page 1 of 1

ii) Application, Exhibit A, Tab 3, Schedule 1, Page 9, Paragraph 26

Preamble:

Enbridge's landed cost analysis shows that TCPL from Niagara to Kirkwall is a lower cost option relative to NEXUS.

In Reference ii), Enbridge states: "There is no current means for Enbridge to obtain direct supply of natural gas on a firm basis from the Marcellus and Utica basins to the Company's storage facilities at Dawn, nor to Enbridge's franchise area. This makes NEXUS a valuable new option for Enbridge to meet its gas supply requirements."

Request:

a) Please provide all contract information for capacity held by Enbridge on the TransCanada Mainline with a receipt point of Niagara / Chippawa, including, delivery point, contract quantity, and contract term.

b) Please explain why Enbridge has not contracted for more Niagara / Chippawa to Kirkwall Mainline capacity in TransCanada's 2015, 2016, or 2017 new capacity open seasons given its advantage from a landed cost perspective.

c) Did Enbridge participate in the 2010 open season for Empire Pipeline Inc.'s Tioga County Extension Project which made available 350,000 Dth/d of incremental firm service from the Marcellus supply area to the Chippawa interconnect with the TransCanada Mainline? If not, why not?

d) Did Enbridge participate in the 2010 open season for Tennessee Gas Pipeline's Northeast Supply Diversification (NSD) project, which made available 150,000 Dth/d of incremental firm service from the Marcellus supply area to the Niagara interconnect with the TransCanada Mainline? If not, why not?

Witnesses: J. LeBlanc
A. Welburn

e) Did Enbridge participate in the 2010 open season for National Fuel Gas Supply Corporation's Northern Access Project which made available 320,000 Dth/d of incremental firm service from the Marcellus supply area to the Niagara interconnect with the TransCanada Mainline? If not, why not?

f) Did Enbridge participate in the 2013 open season for Tennessee Gas Pipeline's Niagara Expansion Project which made available 158,000 Dth/d of incremental firm service from the Marcellus supply area to the Niagara interconnect with the TransCanada Mainline? If not, why not?

g) Did Enbridge participate in the 2014 open season for Empire Pipeline Inc,'s (in cooperation with National Fuel Gas Supply Corporation) Northern Access 2016 Project which made available 350,000 Dth/d of incremental firm service from the Marcellus supply area to the Chippawa interconnect with the TransCanada Mainline? If not, why not?

h) Please confirm that recent open seasons for firm capacity with a delivery point of Niagara / Chippawa held by Tennessee Pipeline, National Fuel and Empire provide direct access to the Marcellus gas supply region. If not confirmed, why not?

i) Please explain why exposing Enbridge's ratepayers to the risks associated with underpinning NEXUS is preferable to simply purchasing delivered gas supply at Dawn, Niagara / Chippawa, or Kirkwall.

j) Please provide any presentations or other marketing material provided to Enbridge with respect to any of the projects listed in c) through g) above.

k) Please provide any presentations, meeting notes, e-mails or marketing materials from NEXUS to Enbridge, and any internal presentations with respect to NEXUS.

l) Please provide any presentations, meeting notes, e-mails or other correspondence between Union and Enbridge regarding NEXUS.

m) Please provide any presentations, meeting notes, or e-mails to Enbridge's Board of Directors or Senior Management regarding NEXUS.

n) Did Enbridge pursue any delivered gas supply options at Niagara / Chippawa, or Kirkwall in lieu of NEXUS? If not, why not?

Witnesses: J. LeBlanc
A. Welburn

RESPONSE

a) The contract information for capacity held by Enbridge for capacity on the TransCanada Mainline with a receipt point of Niagara is:

   i. Delivery Point – Enbridge Parkway CDA
   ii. Contract Quantity – 200,000 GJ per day
   iii. Contract Term – 15 years
   iv. Commencement Date – November 1, 2015, or a later date depending on the in-service date for Enbridge's GTA Project Segment A
   v. Toll (inclusive of abandonment surcharge) - $0.2462 Cdn per GJ/day

b) Please refer to Board Staff Interrogatory #7 at Exhibit I.T1.EGDI.STAFF.7, and the other interrogatory responses referred to in that document.

c) No. Enbridge applied for pre-approval of a contract with TransCanada for capacity from Niagara to the CDA in November 2010. The proposed commitment at that time was 30,000 GJ per day, to replace some Dawn supply. This was the first time that Enbridge had considered acquiring transportation capacity to transport Appalachian basin gas. In August 2010, at the time that Enbridge participated in TransCanada's open season for capacity from Niagara to the CDA, Enbridge believed that it could procure gas supplies at Niagara to fill the capacity that Enbridge proposed to acquire. Enbridge did not believe that it was necessary to secure capacity back to the Appalachian basin for this supply, as it was confident it could secure these supplies at Niagara. Therefore, Enbridge did not believe that it was necessary to participate in the open seasons from US pipelines (held around the same time as the TransCanada open season) for transportation capacity into Niagara.

d) See response to (c) above.

e) See response to (c) above.

f) No. At that time of the Tennessee Gas Pipelines Niagara Expansion Project open season in December 2013, Enbridge had committed to acquiring 200,000 GJ/day of Niagara to Enbridge Parkway CDA capacity from TransCanada. Enbridge did not believe it would have difficulty filling its 200,000 GJ/day at Niagara given all of the capacity from the Appalachian basin to Niagara/Chippawa that had been taken up in the open seasons referenced in c), d) and e) above. Therefore, Enbridge did not participate in the noted open season.

Witnesses: J. LeBlanc
A. Welburn

At the time of the noted open season, Enbridge was considering acquiring additional Appalachian basin gas supply through the NEXUS pipeline. Enbridge felt that NEXUS provided better diversity to its system gas supply portfolio (a second route into Marcellus/Utica). Please refer to Board Staff Interrogatory #7 at Exhibit I.T1.EGDI.STAFF.7, and the other interrogatory responses referred to in that document.

g) No. As was the case at the time of the Tennessee Gas Pipeline open season, at the time of the Empire Pipeline open season (June 2014), Enbridge did not believe it would have difficulty filling its 200,000 GJ/day at Niagara given all of the capacity from the Appalachian basin to Niagara/Chippawa that had been taken up in the open seasons referenced in c), d) and e) above. Therefore, Enbridge did not participate in the Empire Pipeline open season.

At the time of the Empire Pipeline open season, Enbridge was completing a Precedent Agreement with NEXUS for 150,000 Dth per day of capacity. Enbridge felt that NEXUS provided better diversity to its system gas supply portfolio (a second route into Marcellus/Utica). Please refer to Board Staff Interrogatory #7 at Exhibit I.T1.STAFF.7, and the other interrogatory responses referred to in that document.

h) Confirmed. These open seasons offered capacity with direct access from Marcellus to Niagara.

i) Please refer to Board Staff Interrogatory #7 at Exhibit I.T1.EGDI.STAFF.7, and the other interrogatory responses referred to in that document.

j) Enbridge has not been able to find any presentations or marketing materials that may have been provided to Enbridge in relation to the projects listed in (c) through (g).

k) The Attachment to this response includes copies of the presentations and marketing materials that were provided by NEXUS to Enbridge that were found though a search of Enbridge's files. Certain of the documents are from NEXUS and are labeled confidential. NEXUS has required that specific commercially sensitive information in the NEXUS Update documents be redacted. The redacted versions of those documents are provided in the Attachment.

Enbridge has not produced emails with NEXUS, as it would be time-consuming to search and review all electronic correspondence, and it is unlikely that the results would be relevant or meaningful to the decision to be made in this

proceeding. Most of the emails are administrative and will entail discussing meeting times to negotiate the Precedent Agreement and/or sending versions of the Precedent Agreement in anticipation of those meetings along with other administrative items. The negotiations of the Precedent Agreement are not relevant – what is relevant is the final document that has been presented in this application.

Enbridge's internal presentations related to how to proceed with NEXUS are produced in response to FRPO Interrogatories 3, 4 and 5 at Exhibits I.T1.EGDI.FRPO.3, 4 and 5.

l) There are no presentations between Enbridge and Union Gas related to NEXUS. The correspondence with Union Gas has been administrative in nature discussing timelines for each other's progress, hiring of Sussex as consultant and other administrative type interactions. Enbridge has not produced emails with Union Gas, as it would be time-consuming to search and review all electronic correspondence, and it is unlikely that the results would be relevant or meaningful to the decision to be made in this proceeding.

m) The Board of Directors memorandum recommending approval of the Amended Precedent Agreement is produced in response to SEC Interrogatory #2 at Exhibit I.T1.EGD.SEC.2. Enbridge's internal presentations to senior management related to NEXUS are produced in response to FRPO Interrogatories 3, 4 and 5 at Exhibits I.T1.EGDI.FRPO.3, 4 and 5. Enbridge has not produced emails with senior management, as it would be time-consuming to search and review all electronic correspondence, and it is unlikely that the results would add meaningful relevant information to that which is set out in the documents attached to the above-noted interrogatories.

n) No. Please refer to TransCanada Interrogatory #5(c) at Exhibit I.T2.EGDI.TransCanada.5c.

Witnesses: J. LeBlanc
A. Welburn

DTE Energy

ENBRIDGE

Spectra Energy

Nexus Gas Transmission

Eastern Canada Markets

Bringing New Supplies to Dawn

September 2012

CONFIDENTIAL

Agenda

Project introduction

Gas Supply Changes

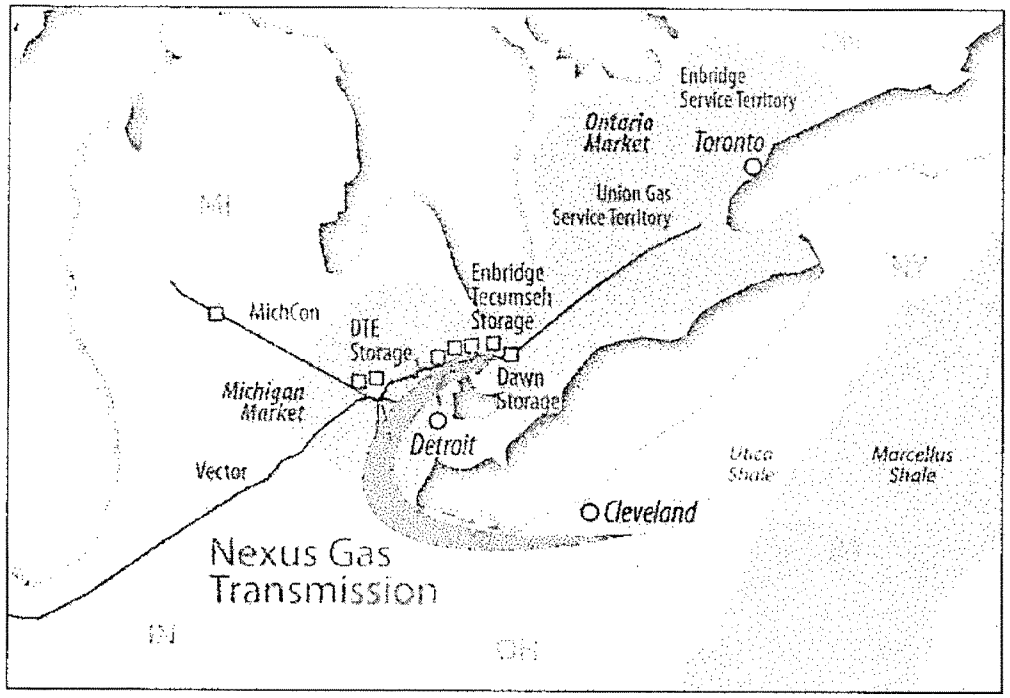
The need for more Supply to Dawn

Northeast and Utica gas supply

Recommendation

Net Steps & Follow up

Overview of NEXUS Gas Transmission



- New pipeline to connect supply in Ohio region to Dawn
- Strong development partners - DTE Energy, Enbridge and Spectra
- 250 mile, large diameter pipeline delivering at least 1 Bcf/d
- In service by November 2016
- Uses existing infrastructure and utility corridors
- Firm path to Dawn Hub with interconnects to major markets – MichCon, Consumers, Vector, Enbridge Tecumseh and Union Dawn and potential interconnects in Ohio
- Interest in firm capacity to anchor the project

Agenda

Project introduction

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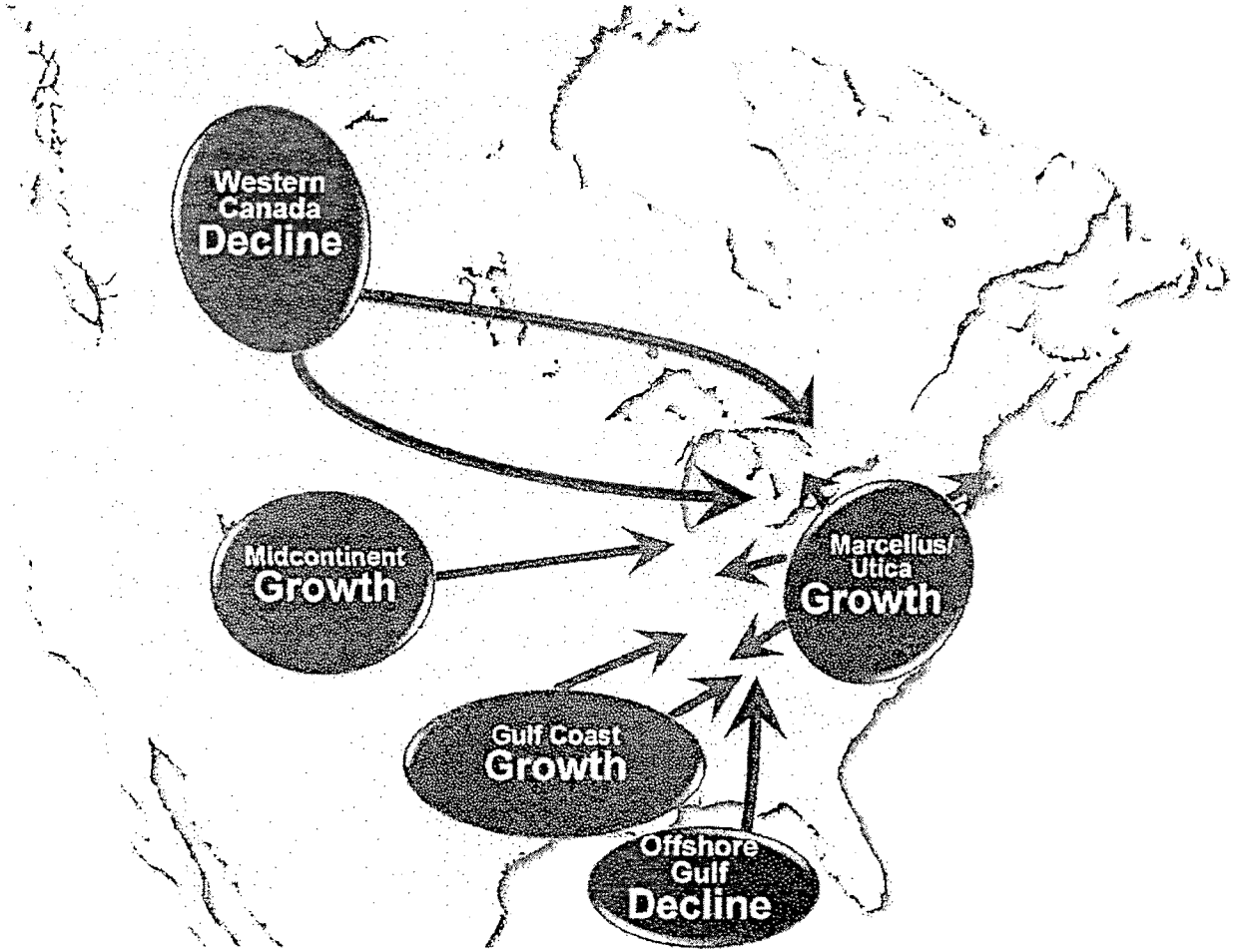
Net Steps & Follow up

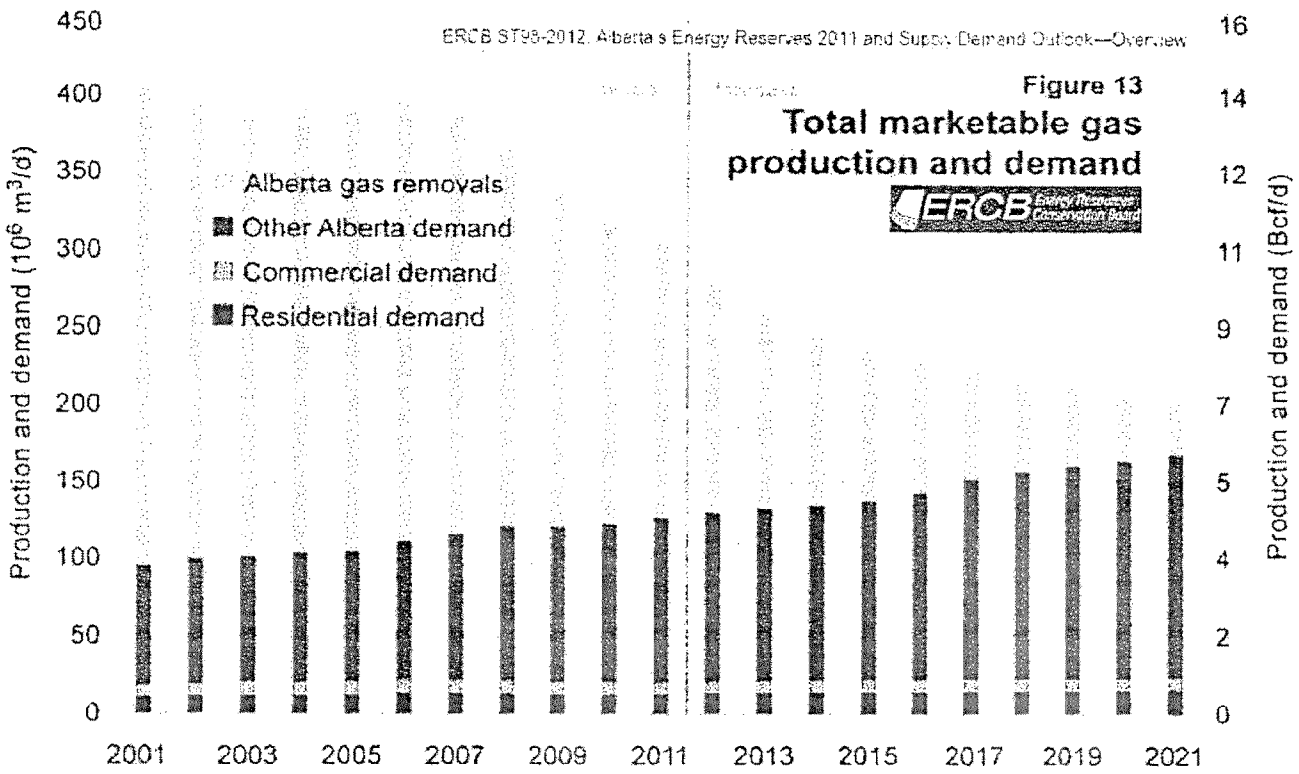
North American Gas Supply Changes

Supply changes create challenges & opportunities



Alberta Gas Supply Changes

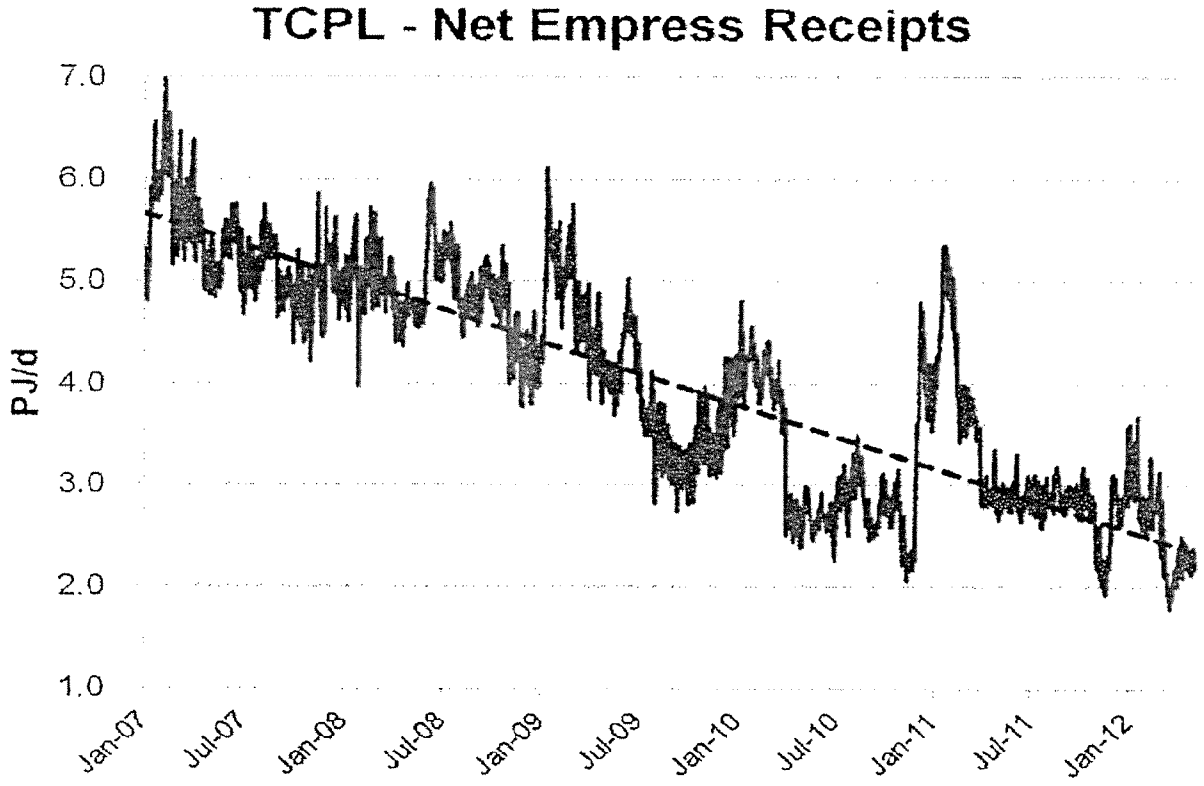
Regional demand to consume majority of forecasted production



By 2017, less than 2.5 Bcf/d available for export out of Alberta

Changing Flows on TCPL

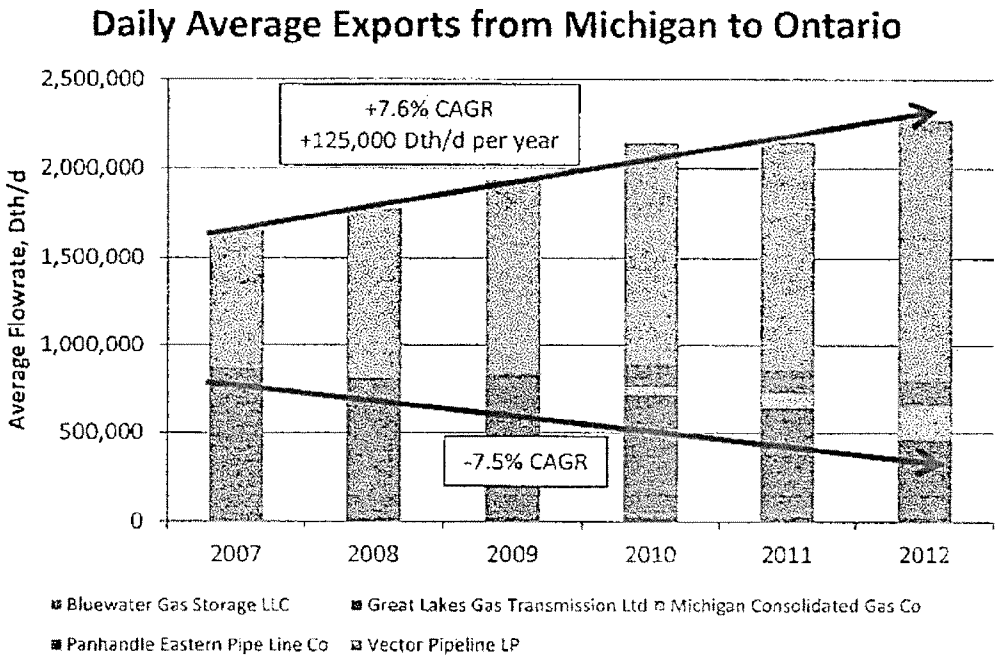
Declining trend impacting downstream markets



Flows from Alberta into the TCPL mainline have declined significantly, reducing supply available to Midwest U.S. and Eastern Canada

Changing flows from Michigan into Ontario

GLGT ↓ - Vector ↑; All other interconnections ↑



- Approximately 2.2 Bcf/d flows from Michigan to Dawn
- Since 2007, this has been growing by 125,000 Dth/d on average each year, equating to a 7.6% compounded annual growth rate
- Deliveries from Western Canada to Ontario are declining and forecasted to continue that trend
- A new pipeline from Ohio has the opportunity to serve a large portion of this market

There is significant and growing demand for supply in Michigan and Ontario

Agenda

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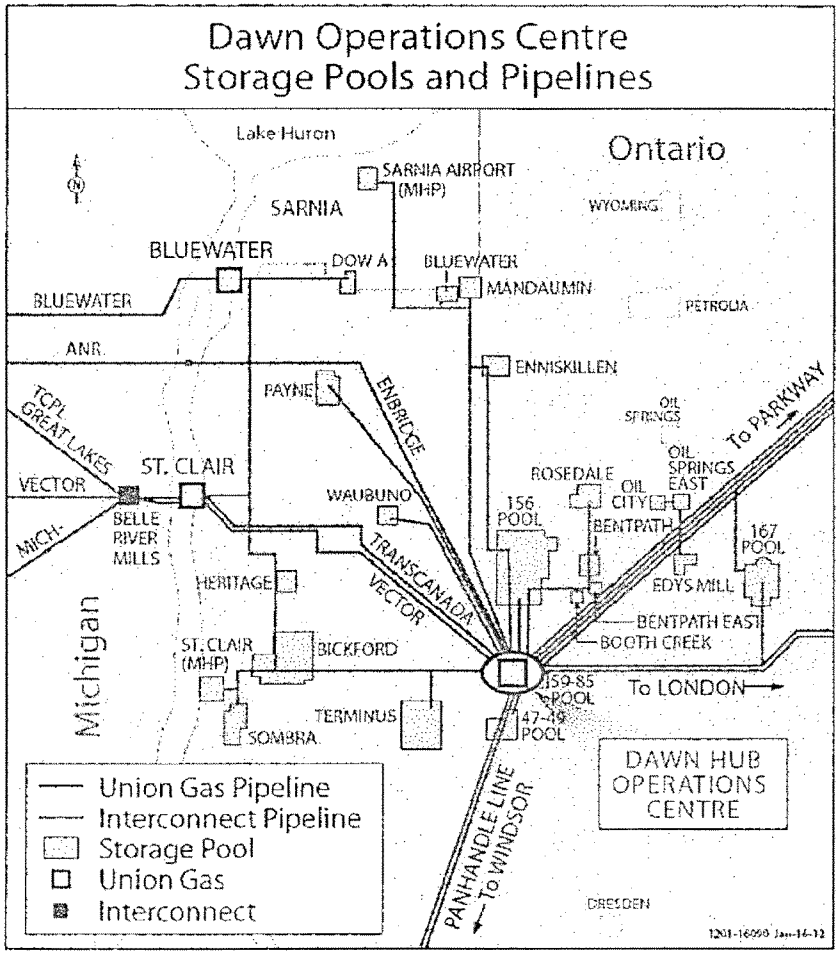
Net Steps & Follow up

The Dawn Hub

3rd highest physically traded Hub in North America



> 100 companies active at Dawn
~ 10 Bcf/d of total trading activity
> 1Bcf/d of trading activity on the daily index
~ 3 Bcf/d OTC activity in 2011

6 of North Americas top 10 marketers active at Dawn
Price transparency with fixed price, index & basis products offered
Integrated storage facility marketing 100 Bcf of non-utility & managing 94 Bcf of utility space
> 6 Bcf/d Output from Dawn Storage
Interconnecting pipelines include:

- TCPL, Panhandle, Vector, GLGT, MichCon & Bluewater

Transmission pipe takeaway capacity of :

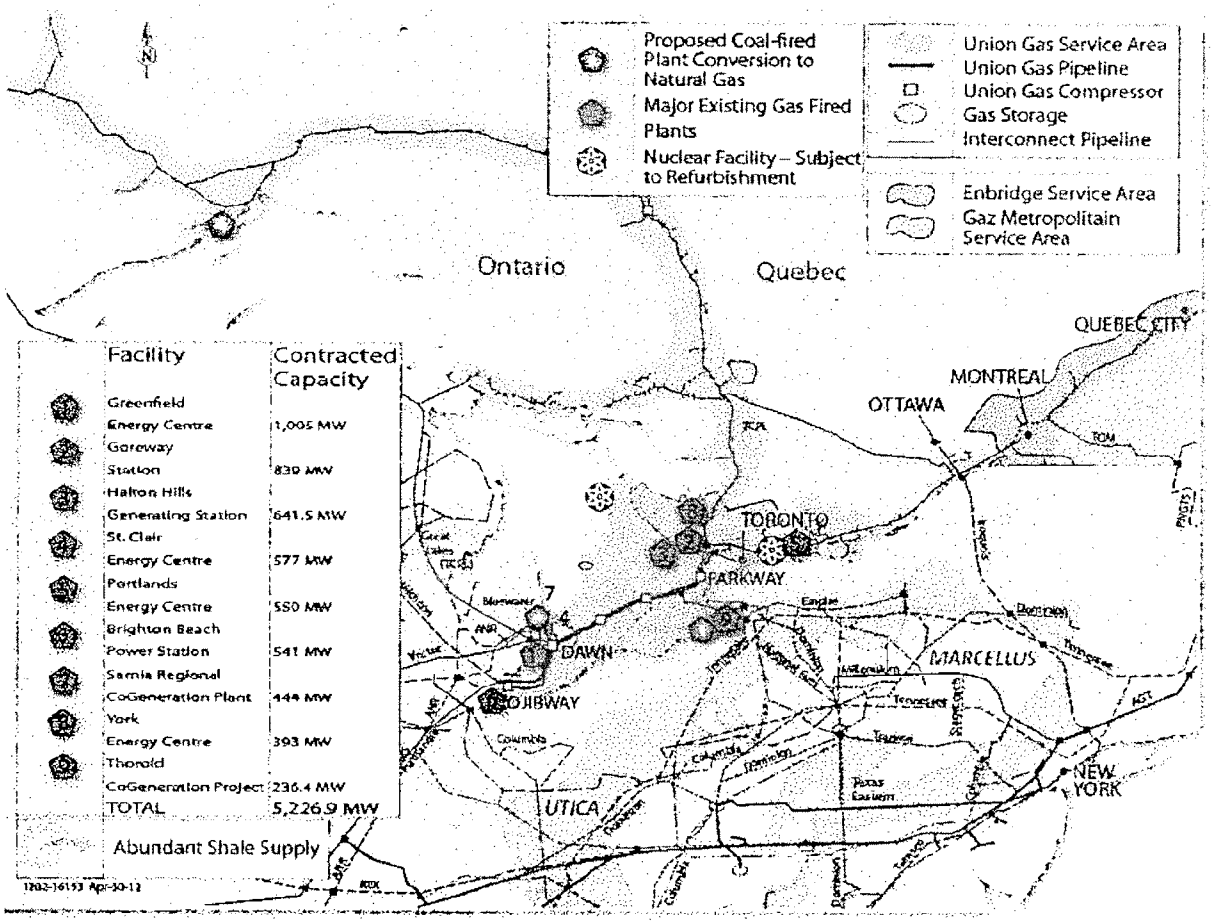
- 2.5 Bcf/d at Parkway
- 2.0 Bcf/d at Kirkwall
- 0.2 Bcf/d of Backhaul on Vector
- 0.5 Bcf/d of Backhaul on GLGT

Serving over 5,000 MW of gas-fired power generation with potential for > 2,500 MW of further coal to gas conversion by 2014

Natural Gas Demand in Ontario and Quebec

Served by Union Gas, Enbridge and Gaz Metro

- Ontario consumes > 1.0 Tcf annually
- Forecasting unprecedented growth in power, industrial & mining applications driven by low gas prices
- Utilities transport over 1.4 Tcf/y of natural gas through a combined 66,923 miles of transmission & distribution pipeline
- Serving more than 3.6 million retail and industrial customers and natural gas fired power plants
- Yet – **Gas arriving in Ontario is declining!**



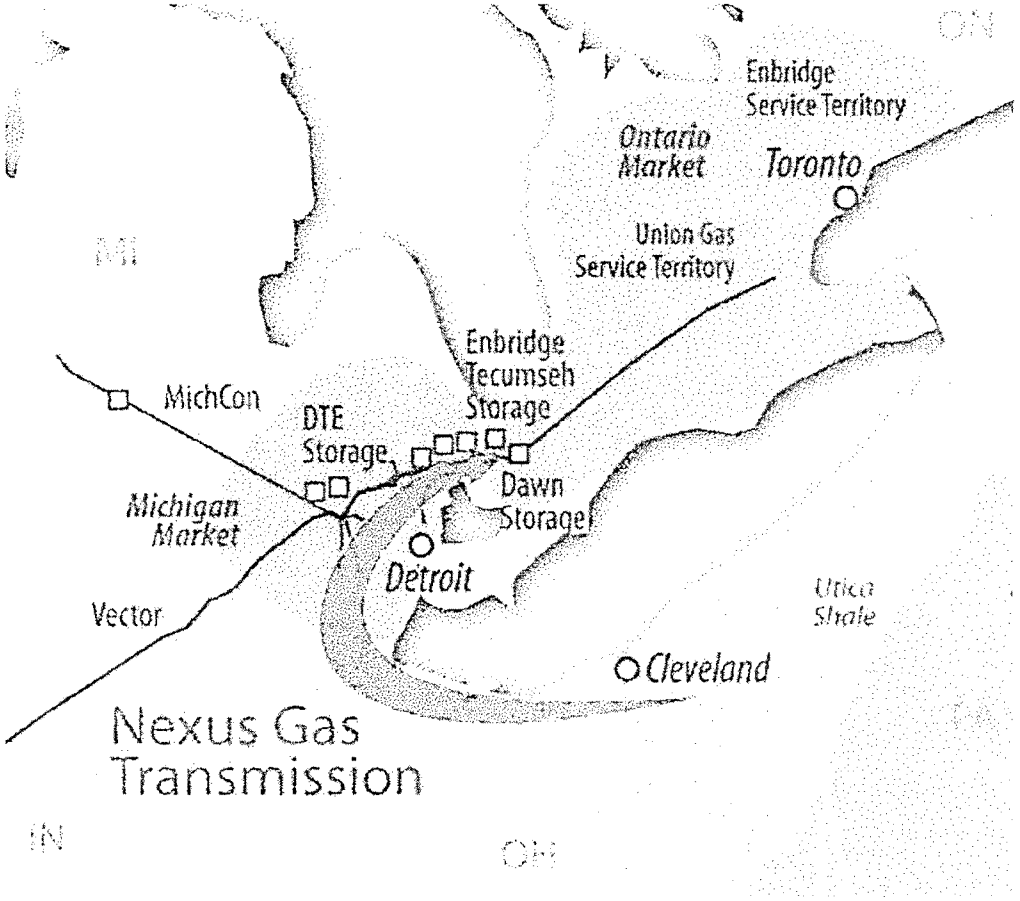
NEXUS Gas Transmission Details

Supply Access

- Proposed interconnects with Tennessee and Dominion
- Possible interconnects with pipeline network in Ohio, East Ohio, Columbia Gas Trans., Panhandle, ANR
- Production laterals to be built from processing plants or gathering systems to NEXUS will be priced separately
- Common main line rate from the NEXUS to the delivery zones

Pipeline Details

- 250 miles from Ohio to Michigan Delivery Zone (MichCon, Consumers and Vector Pipeline)
  - All of this is new build, primarily in existing utility corridors
- 330 miles from Ohio to Ontario Delivery Zone (Dawn – Union and Enbridge),
  - Last 80 miles is primarily expansion of existing facilities
  - No new international river crossing required
- In service as early as November 2016



Agenda

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Northeast and Utica gas supply

Recommendation

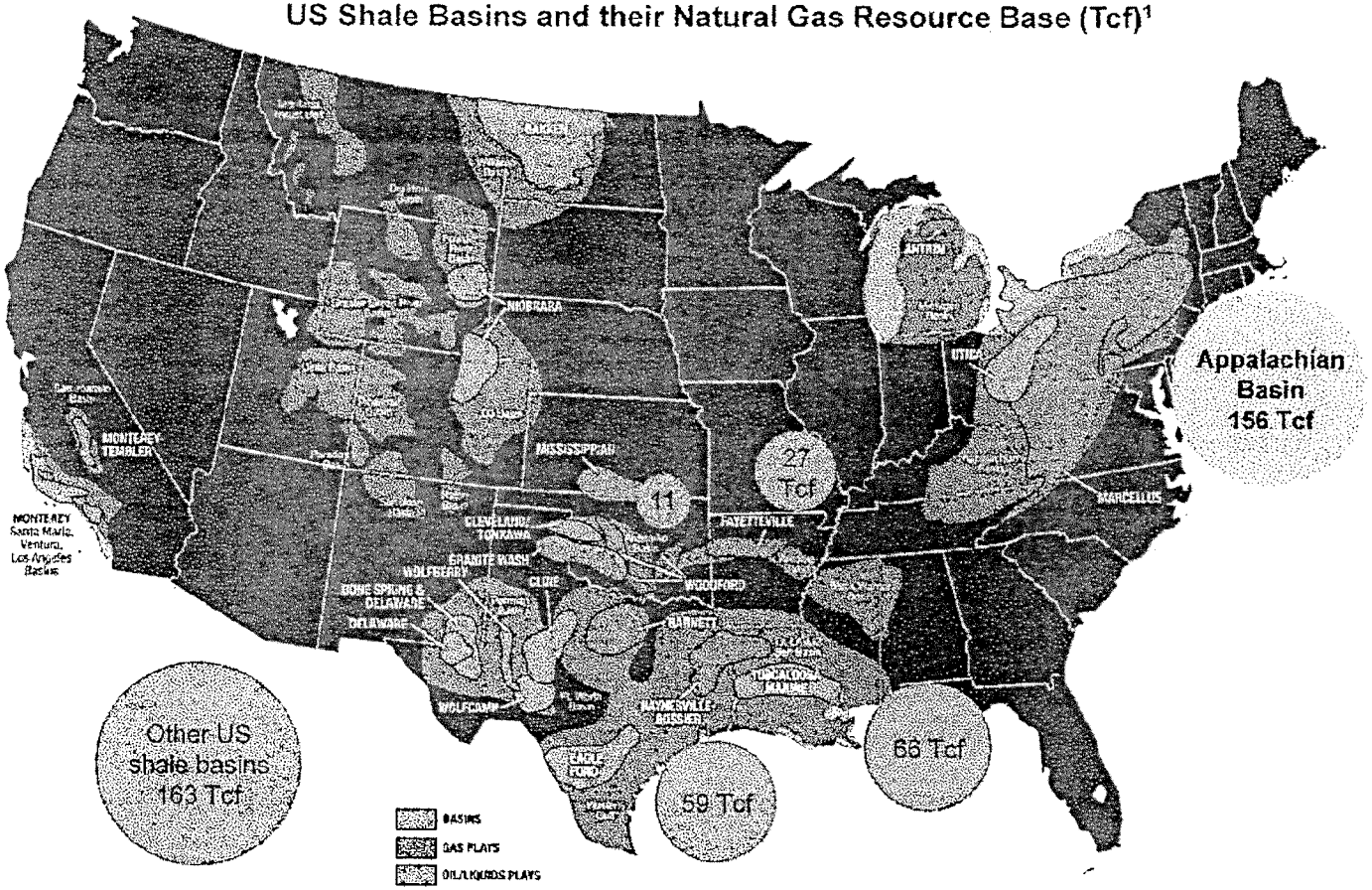
Net Steps & Follow up

NEXUS Gas Transmission will provide a pathway for natural gas supply from the Northeast US to reach Dawn

- The Ohio region has access to prolific gas supplies & is well connected to infrastructure in the region
- The Northeast US Appalachian Basin, with the Marcellus and Utica Shales, has the largest natural gas resource base of any US shale basin
- Natural gas from the Utica Shale is among the lowest cost supplies available, and very economically attractive
- Utica and Marcellus natural gas supply is well located to serve large demand centers, including Michigan, Ohio, and Ontario
- As a result, producers are investing heavily in development of the Utica, and production is likely to ramp up quickly and aggressively
- The Nexus Pipeline is an important pathway for the large supplies of the Northeast to meet the growing demands at Dawn

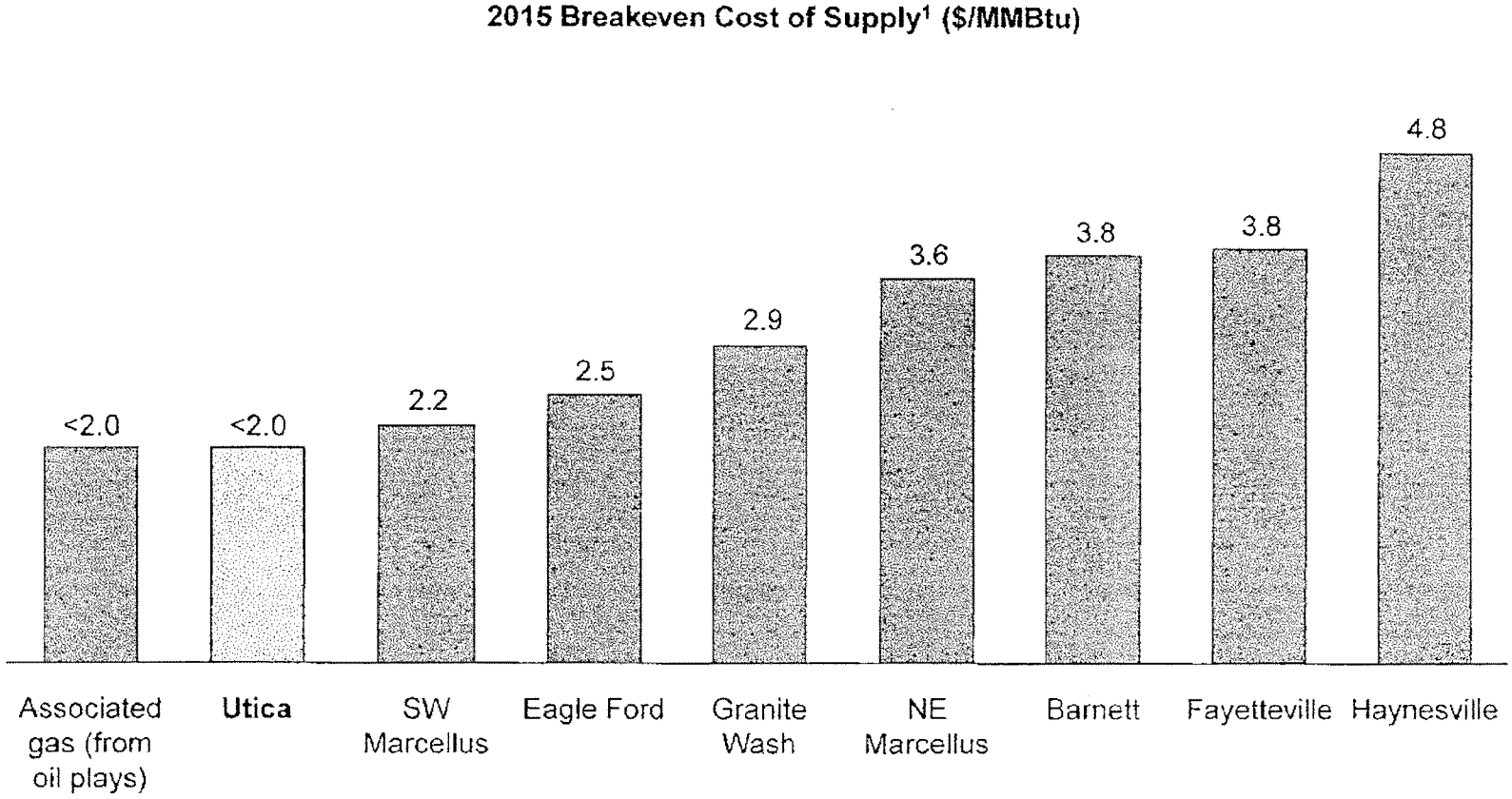
The Northeast US Appalachian Basin, with its Marcellus and Utica Shales, has the largest natural gas resource base of any US shale basin

US Shale Basins and their Natural Gas Resource Base (Tcf)[1]



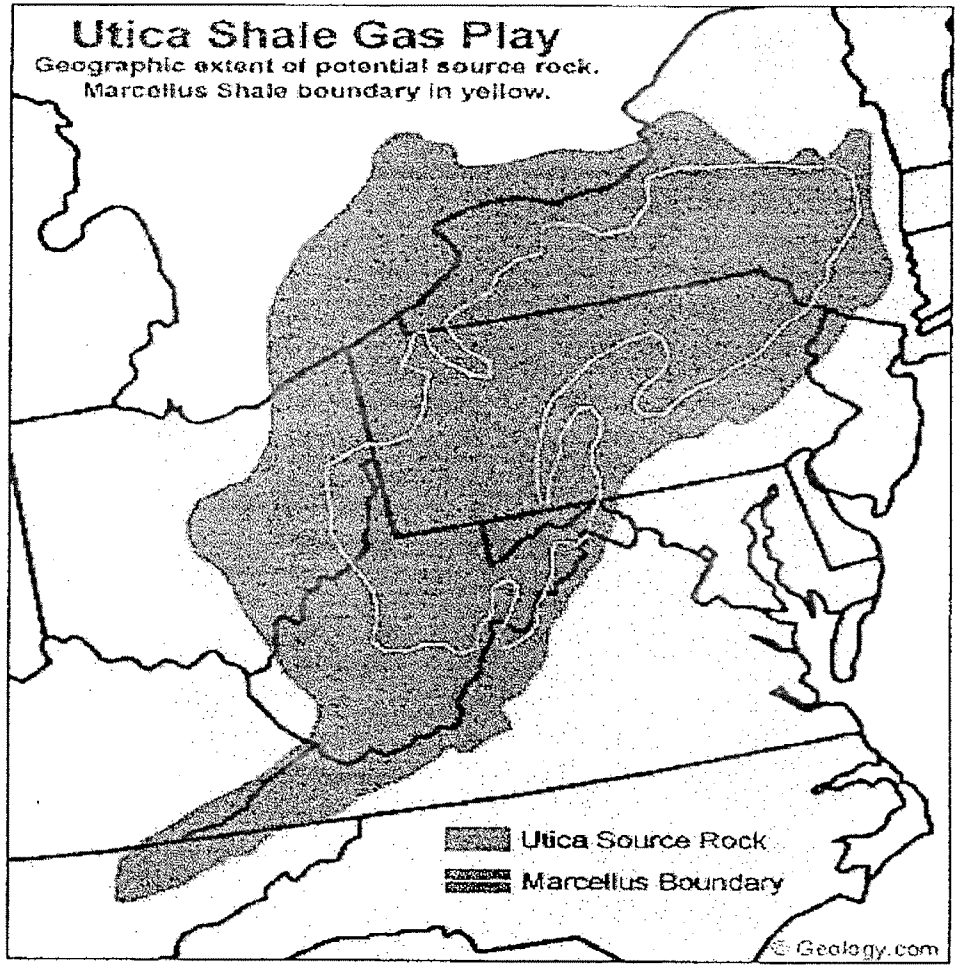
1. Unproved technically recoverable resources
Source: PacWest Consulting, EIA, DTE Analysis

Natural gas from the Utica Shale is among the lowest cost supplies available



1. Breakeven cost of new supply at after-tax 10% IRR
Source: Wood Mackenzie, DTE Energy analysis

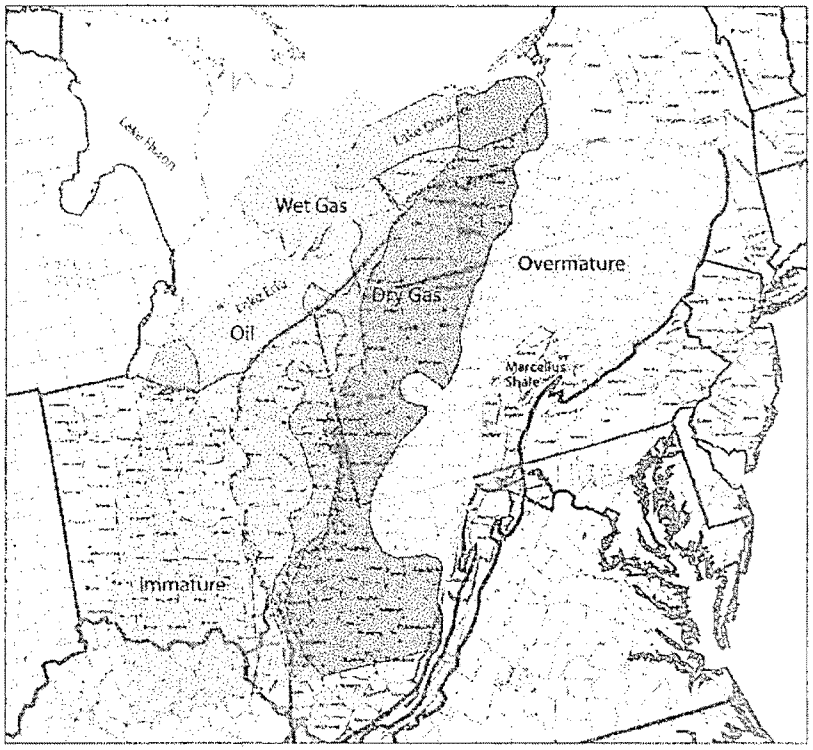
Utica Shale profile



- Located in an eight state region of the eastern U.S. (New York, Pennsylvania, Ohio, West Virginia, Virginia, Maryland, Kentucky and Tennessee) and Eastern Canada (Ontario and Quebec)
- Covers approximately 170,000 square miles and if it is commercial throughout this extend it will be geographically larger than any natural gas field known today, including the Marcellus
- The resource base is still being defined, however early estimates of natural gas deposits in the formation range from 2 Tcf to 70 Tcf
- The Ohio Department of Natural Resources' Division of Geological Survey estimates the recoverable reserve potential in Ohio at 5 billion barrels of oil and 15 trillion cubic feet of natural gas
- Given the close proximity the Utica shale has to the Marcellus shale, producers have begun to identify opportunities to develop the area as a stacked-play
- The productive portion of the Marcellus does not extend into central Ohio but the Utica does. In that area the Utica is less than one mile below the surface and contains natural gas liquids and oil so companies are leasing and drilling that area

Source: Geology.com; Oil and Gas Financial Journal

The Utica shale contains dry gas, natural gas liquids and oil windows of maturity

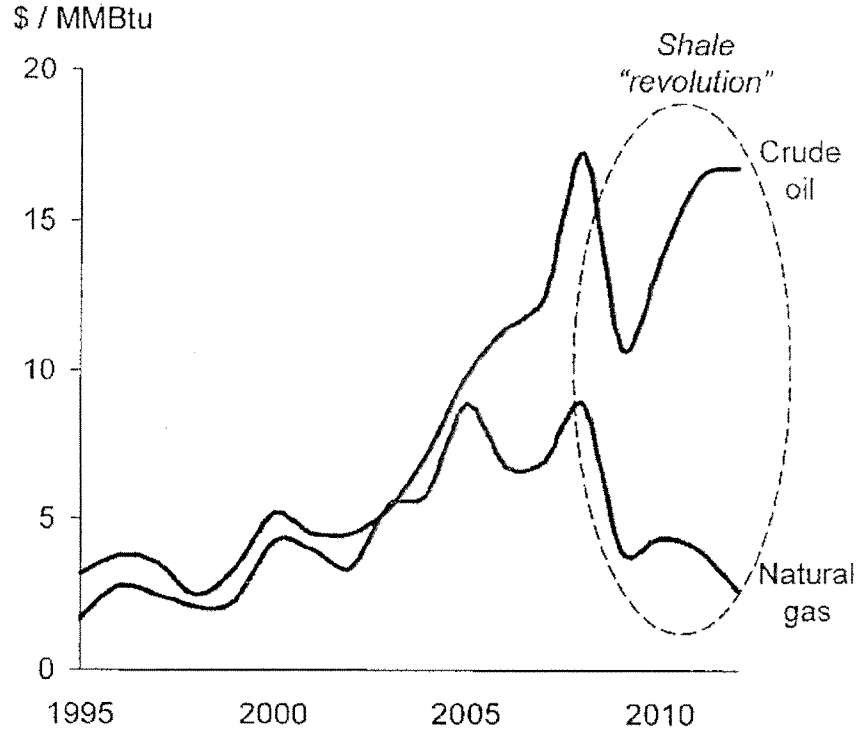


- Early development activity by producers (EV Energy Partners, Chesapeake, Anadarko, Devon and Range) has identified three windows of maturity
- The oil window is found in central and eastern Ohio
- The wet gas / retrograde condensate window extends in a northeasterly direction from southern West Virginia into eastern Ohio, western Pennsylvania and western New York
- The dry gas window covers northern West Virginia, western and central Pennsylvania, western New York and into Ontario and Quebec, Canada
- According to Marcellus shale expert Terry Engelder (professor of geosciences at Penn State University), the Utica shale is likely to be overcooked in most of eastern Pennsylvania given depth of the Utica in that area
- This leads industry experts to expect the Utica to be more of an Ohio play than a Pennsylvania play

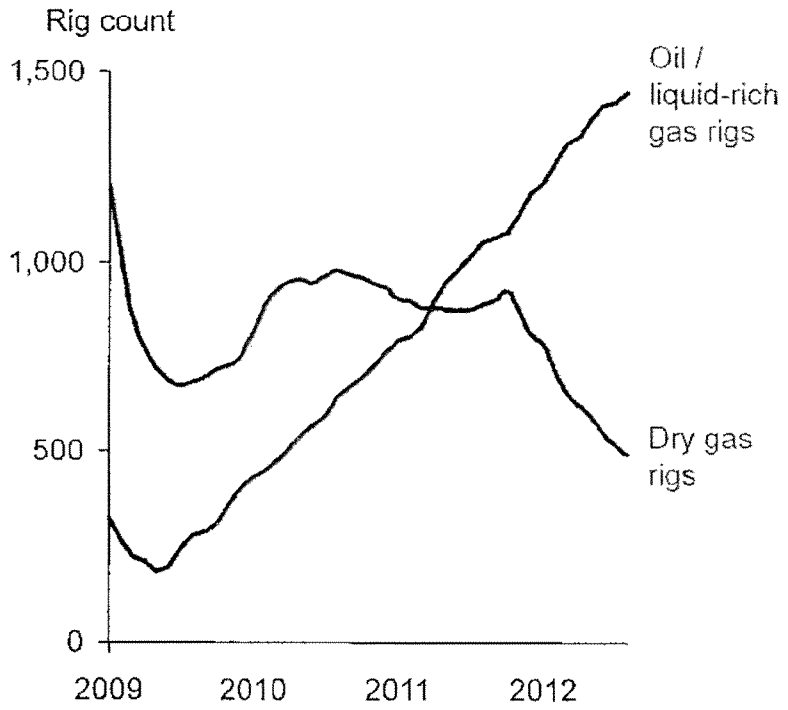
Source: Geology.com; Oil and Gas Financial Journal, Company reports

In the current gas price environment, producers' investment is shifting into liquids-rich plays and away from dry gas

The historic spread between oil and gas prices...

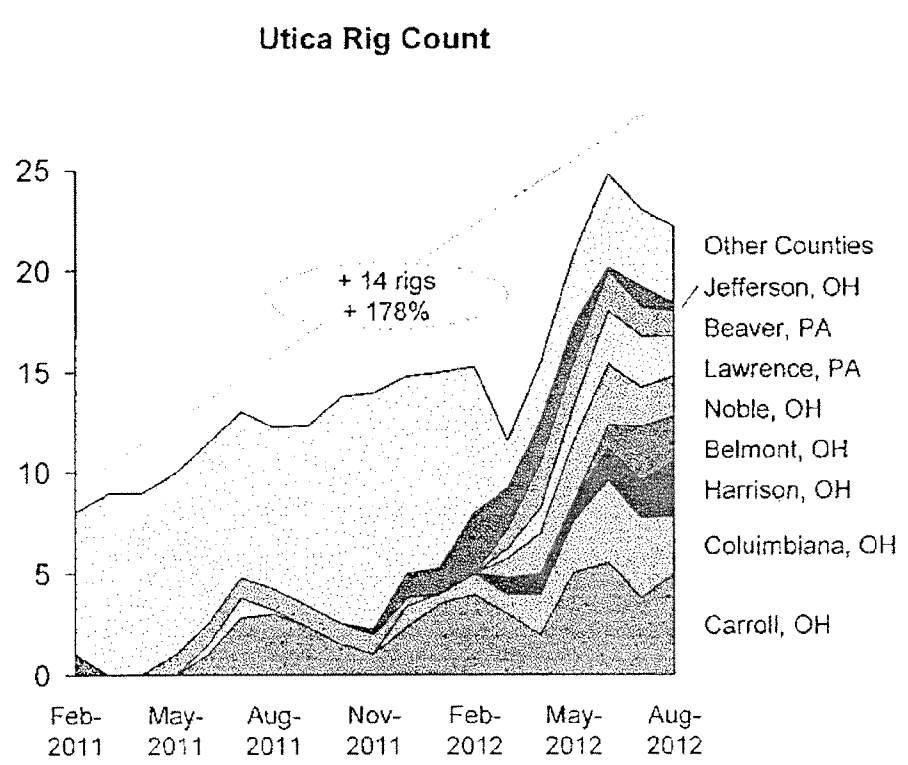


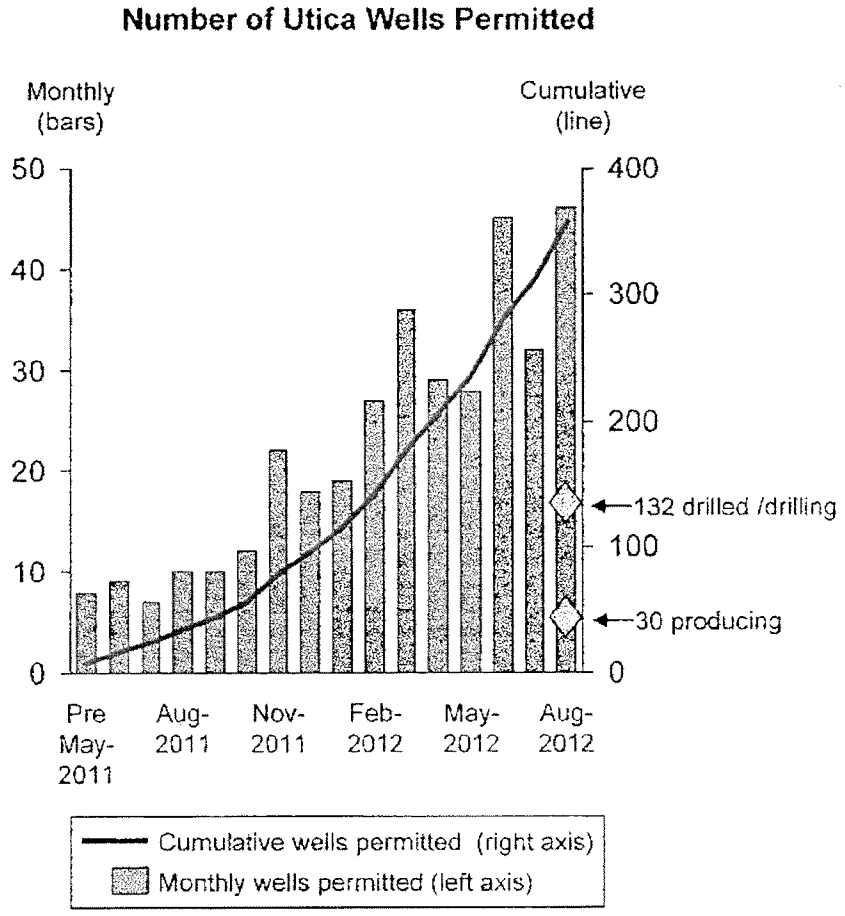
... Has led to a dramatic shift in investment from dry gas to oil and liquids-rich plays



Source: EIA, Baker Hughes, DTE analysis

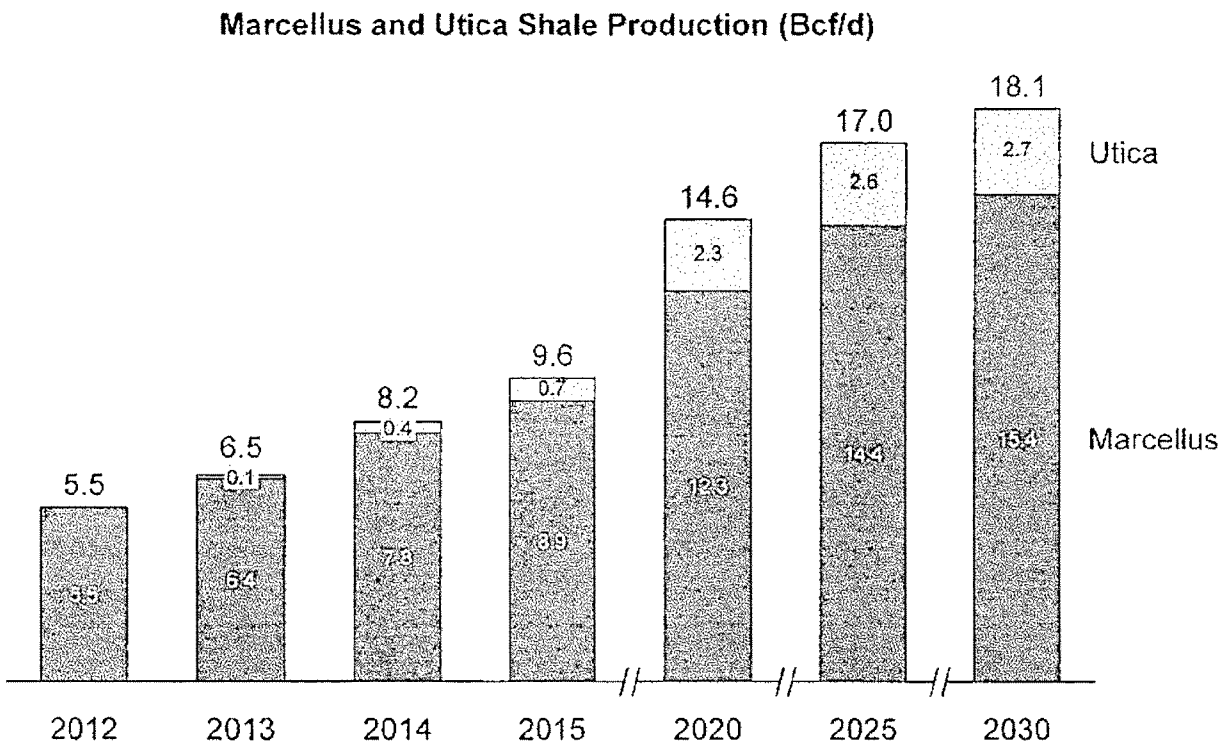
Utica is a key target of producer investment in liquids rich plays, and has seen dramatic growth in rig count and drilling activity





Source: Baker Hughes, Ohio Department of Natural Resources, DTE analysis

Marcellus and Utica Shale production is projected to grow to ~15 Bcf/d by 2020 and ~18 Bcf/d by 2030

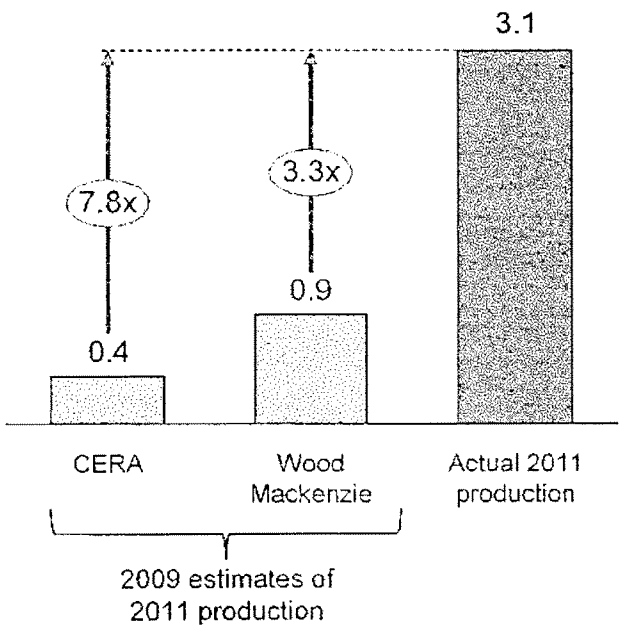


This is likely a very conservative estimate of Utica production… early stage shale estimates by the "experts" have tended to vastly underestimate actual production

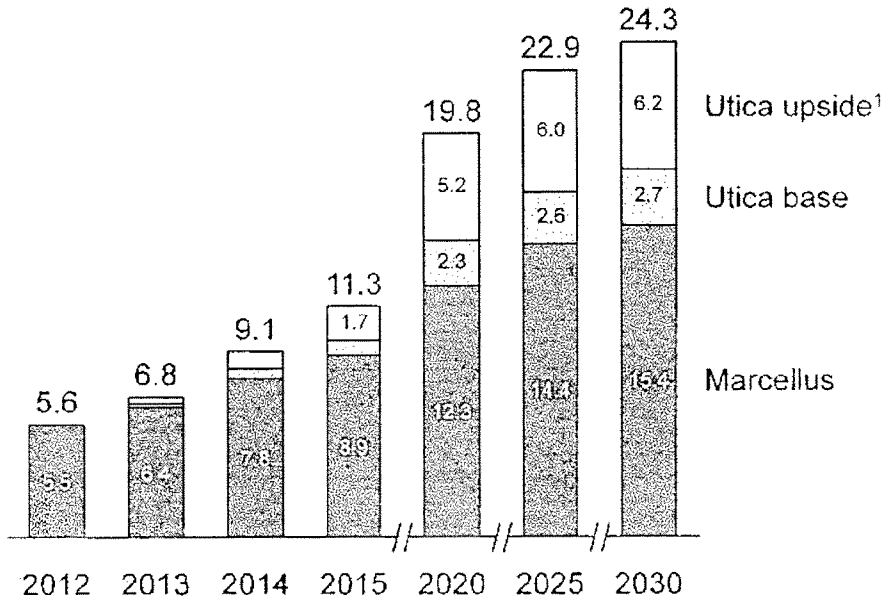
Source: Wood Mackenzie

Under a somewhat more aggressive view, actual Northeast production may reach ~20 Bcf/d by 2020 and ~24 Bcf/d by 2030

Marcellus Production Forecasts vs. Actual (Bcf/d)

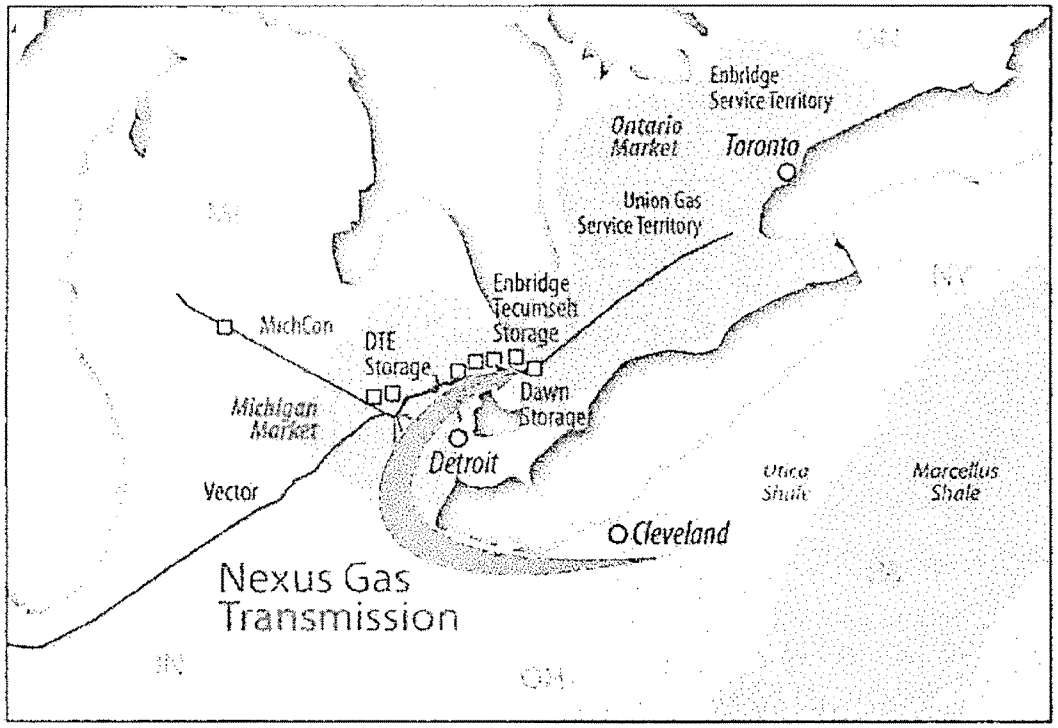


More Aggressive Marcellus and Utica Shale Production (Bcf/d)



1. Assumes Utica production is 3.3x Wood Mackenzie's current projections
Source: Wood Mackenzie, CERA, DTE analysis

The Nexus Pipeline is an important pathway for the abundant supplies of the Northeast to reach Dawn and other markets along the path



Recap of Key Points

- The Northeast US has abundant gas supplies
- Ohio has some of the lowest cost gas supply in the country and will have for the foreseeable future
- Producers are invested heavily in liquids-rich plays, including Utica, where rig count and drilling activity has increased at a fast pace
- Northeast production is projected to grow substantially in the next decade

The Nexus Pipeline can move the abundant low-cost Northeast gas to Dawn and other large demand centers in Ohio and Michigan

Agenda

Project introduction

Gas Supply Changes

The need for more Supply to Dawn

Northeast and Utica gas supply

Recommendation

Net Steps & Follow up

NEXUS Recommendations for buyers of gas at Dawn

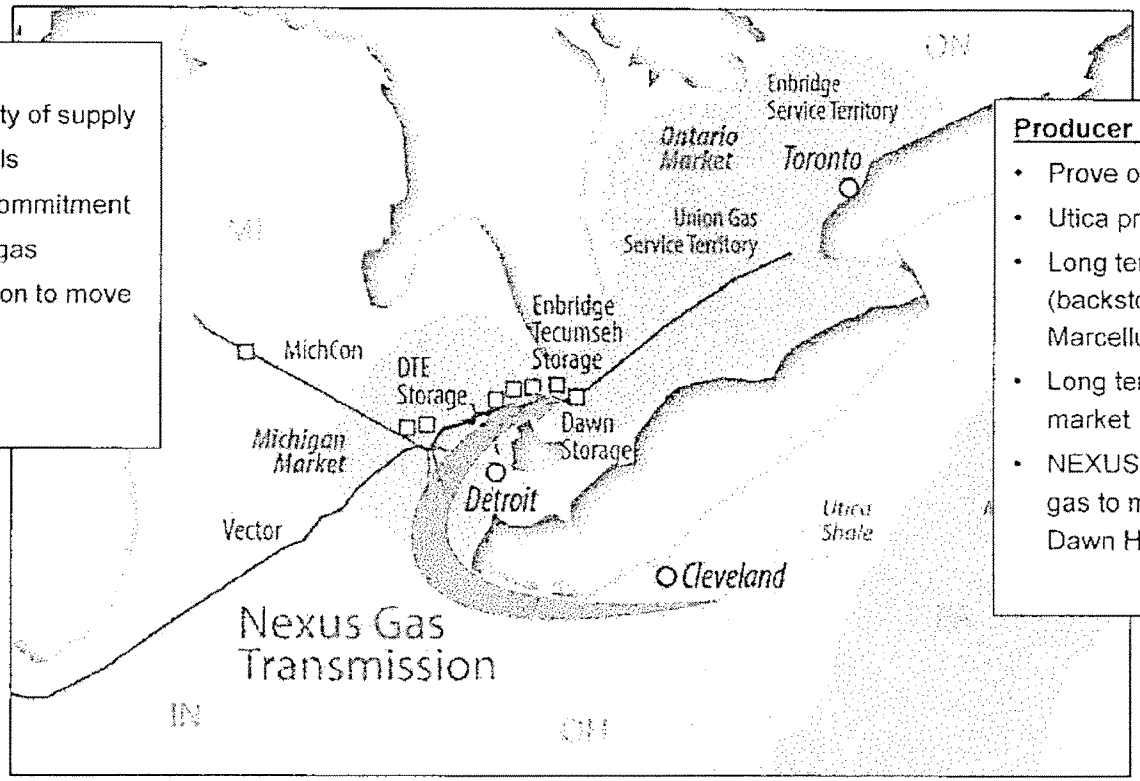
- All markets that currently buy gas at Dawn have a vested interest in helping to ensure robust diverse supplies arrive at Dawn to preserve the long term health of the Dawn market
- Current buyers at Dawn should reach back to Ohio, via NEXUS, for a portion of their Dawn requirements
- A netback type of arrangement can be structured to provide access to supplies that lands gas at Dawn and other markets along the path at competitive prices
- Remainder of portfolio at Dawn will enjoy the benefits of improved supplies being able to reach Dawn
- The Nexus Pipeline is an important pathway to help ensure continued supply reaches Dawn in the near term and well into the future

NEXUS Gas Transmission

Bringing Together Supply and Market

Market Issues:

- Security and diversity of supply
- Regulatory approvals
- Long term market commitment
- Long term netback gas
- NEXUS transportation to move gas to market



Producer Issues:

- Prove out the Utica supply basin
- Utica production plans approved
- Long term volume commitment (backstopped with Utica and/or Marcellus)
- Long term sales into netback market
- NEXUS transportation to move gas to markets – Michigan, Dawn Hub, Chicago

- NEXUS will connect new supplies in the Ohio region to Dawn
- Additional anchor shipper support required to move project forward
- Targeting a blend of Producer and Market shippers

Follow Up

- Feedback on pipeline
  - Concept
  - Location
- Identify potential market interest
- Identify next steps
  - Open Season October / November 2012

Contact Information

Mark Bering
Director, Marketing & Optimization
DTE Gas Storage and Pipelines
(313) 235-6531
beringm@dteenergy.com

Bob Riga
General Manager, Business Development
Spectra Energy
(617) 560-1436
rgriga@spectraenergy.com

Rene Dartez
Director, Business Development
Enbridge Inc.
(713) 821-2004
rene.dartez@enbridge.com

David Slater
Senior Vice-President
DTE Gas Storage and Pipelines
(313) 235-0408
slaterd@dteenergy.com

Bobby Huffman
Project Director, Business Development
Spectra Energy
(713) 627-5259
rlhuffman@spectraenergy.com

Tara Smolak
Senior Advisor, Business Development
Enbridge Inc.
(403) 266-8305
tara.smolak@enbridge.com

Appendix

NEXUS Partners Overview

Additional Supply Information

Additional Market Information

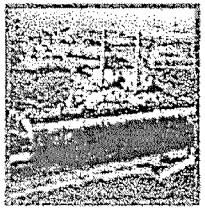
DTE Energy®

DTE Energy is an Integrated Energy Company

Strong, Stable and Growing Utilities

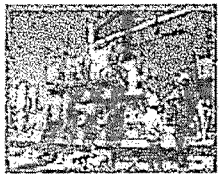
~80% of DTE Energy's Earnings

Detroit Edison



- 10th largest U.S. electric utility
- 11,000 GW of power generation capacity (82% coal and nuclear)
- 2.1 million distribution customers in Southeast Michigan

MichCon



- 11th largest U.S. gas utility
- 139 Bcf of working gas storage capacity; purchases 120 – 150 Bcf of gas annually
- 1.2 million distribution customers in Southeast Michigan
- 900 Bcf annual throughput

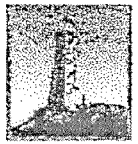
Complementary Non-Utility Businesses

~20% of DTE Energy's Earnings

Gas Storage & Pipelines

- Transports and stores natural gas
- 91 Bcf of gas storage; 538 miles of pipeline
  - Washington 10 Storage Corp. (100%)
  - Vector Pipeline (40%)
  - Millennium Pipeline (26.25%)
  - MichCon Pipeline Company (100%)
  - Bluestone Gathering Company (100%)

Unconventional Gas Production



- Western Barnett Shale Production
  - 67,000 net acres; 489 Bcf of reserves
  - 180 gross producing wells

Power & Industrial Projects

- Owns and operates energy assets
  - Industrial / utility solid fuels
  - Utility services and renewable energy

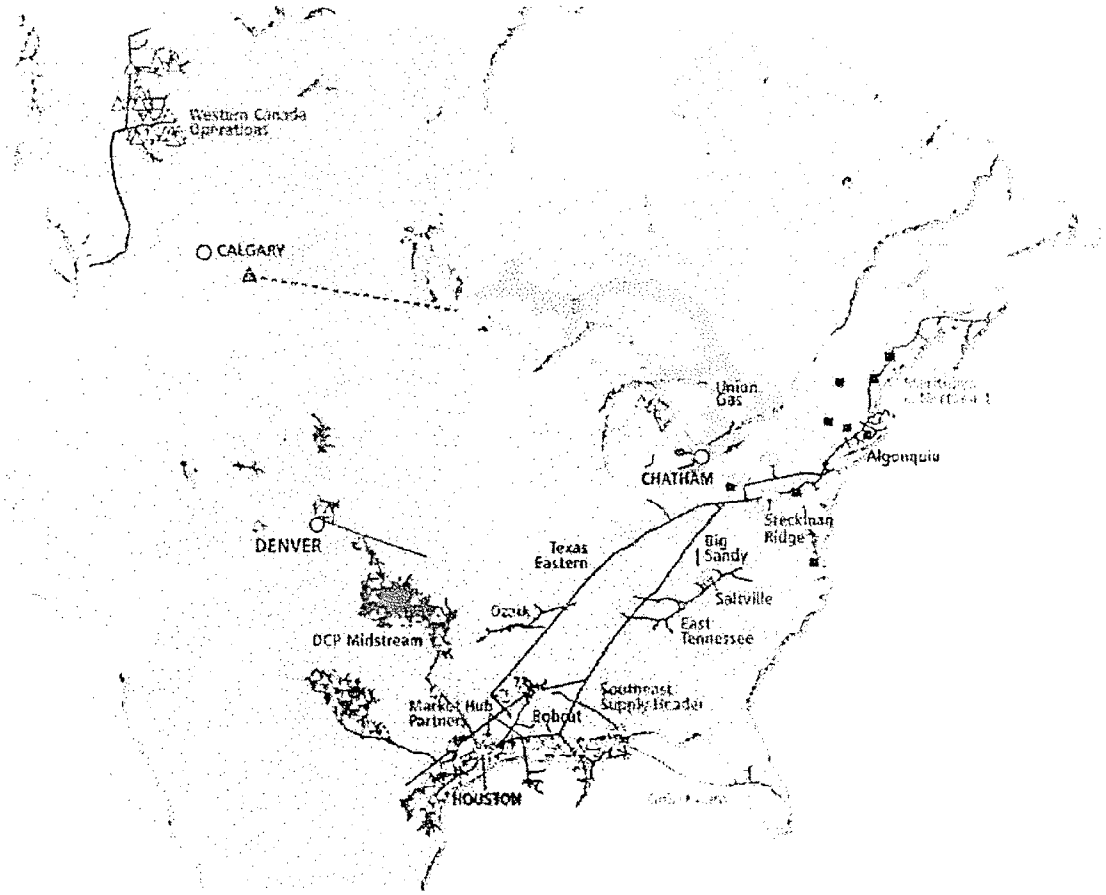
Energy Trading

- Transports gas on more than 60 pipelines
- Asset management and sales to major utilities
- Producer services, including risk management

Spectra's Diverse Portfolio of Assets

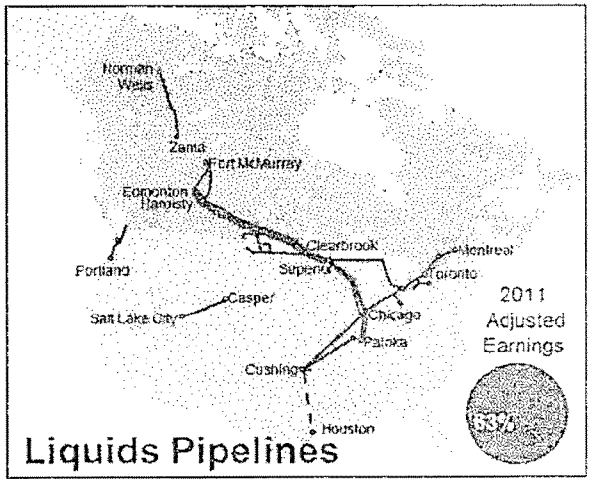
Spectra Energy

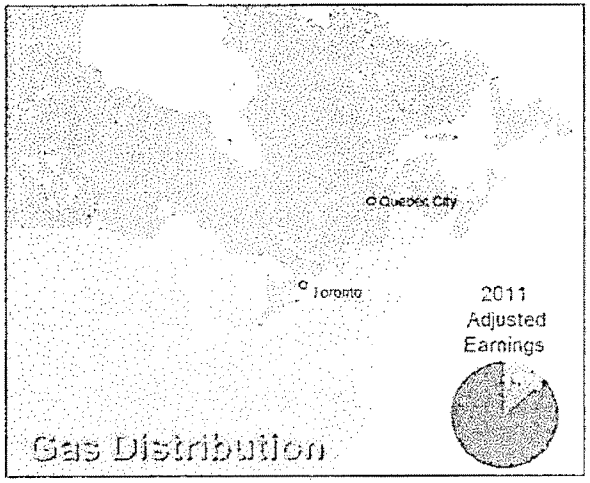
2011 Pipeline Throughput:	4.2 Tcf
Transmission Pipe:	19,300 mi
Storage Capacity:	300+ Bcf
Gathering Pipe:	64,800 mi
SE Gas Processing Capacity:	3.3 Bcf/d
DCP 4Q11 G&P:	6.3 TBtu/d
DCP 4Q11 NGLs produced:	406 MBbl/d
Distribution Pipe:	39,000 mi
Retail Customers:	1.4 million

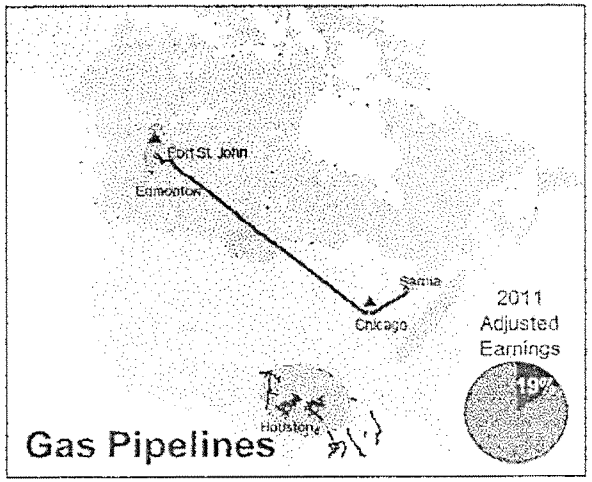


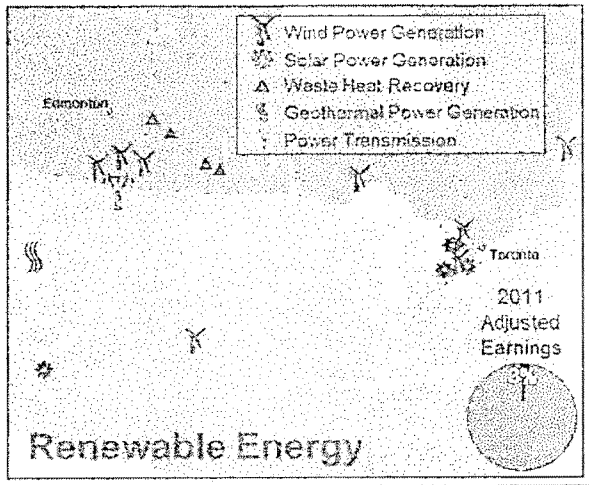
Enbridge Strategic Position

ENBRIDGE

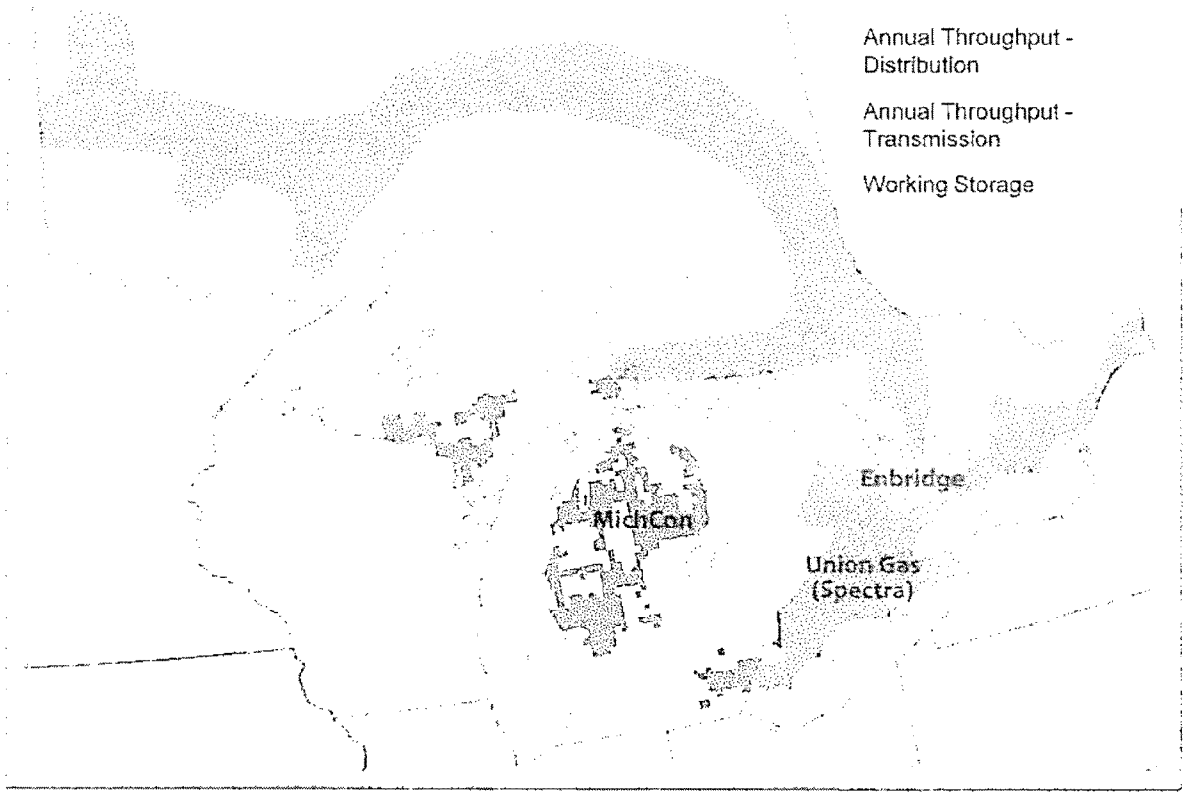








MichCon, Union and Enbridge Market Overview

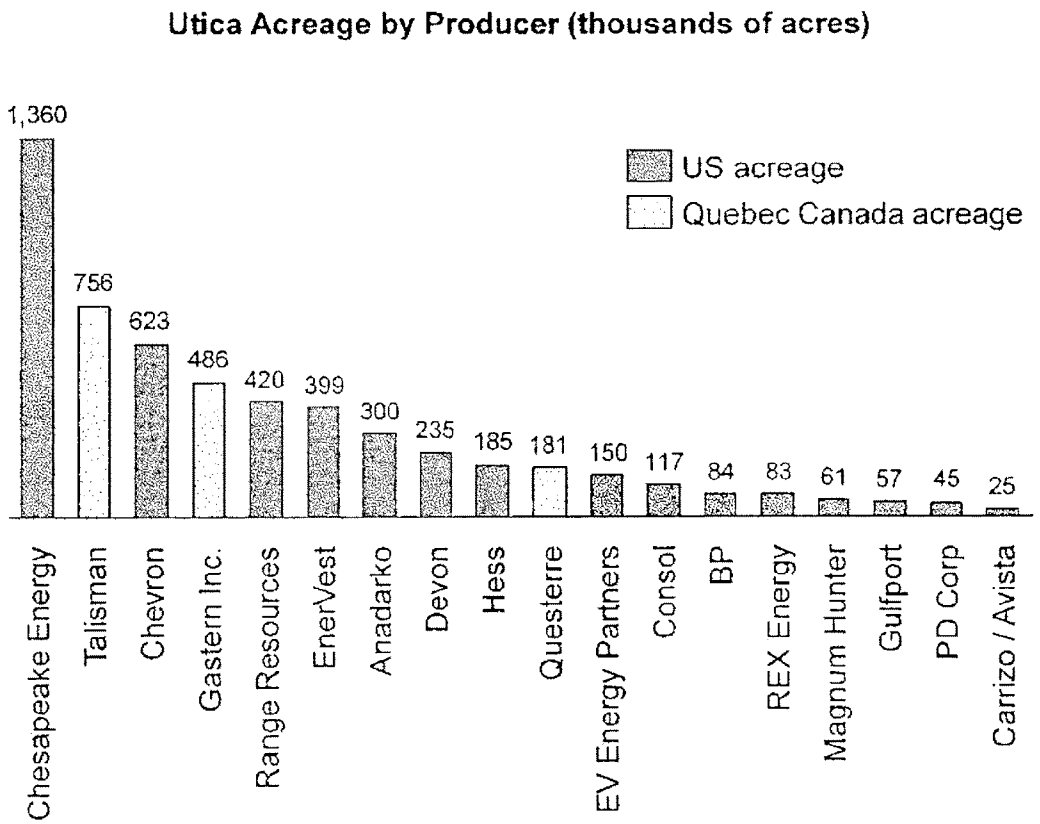


	MichCon	Enbridge	Union Gas
Distribution Customers	1.2 Million	1.9 Million	1.4 Million
Distribution Main	19,000 miles	21,000 miles	39,000 miles
Annual Throughput - Distribution	278 Bcf	400 Bcf	500 Bcf
Annual Throughput - Transmission	546 Bcf	NA	835 Bcf
Working Storage	139 Bcf	111 Bcf	157 Bcf

Total of:

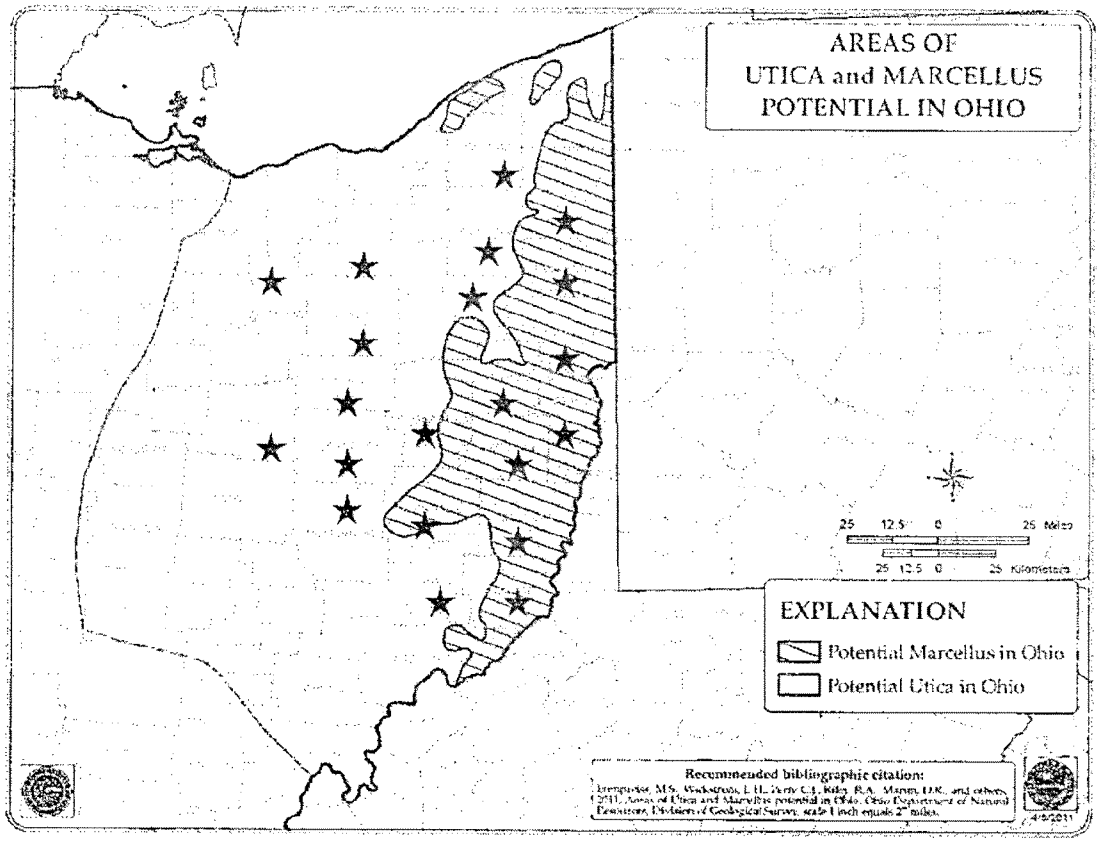
- **4.5 million customers**
- **1.2 Tcf of annual distribution throughput**
- **1.4 Tcf of annual transmission throughput**
- **407 Bcf of working storage**

Chesapeake, Chevron, Range, and other leading natural gas producers have acquired substantial acreage positions in the Ohio Utica



Source: Bentek Energy, Unconventional Gas Center, Company presentations

Development of the Utica Shale is currently focused on eastern Ohio with permitting and drilling in 21 counties

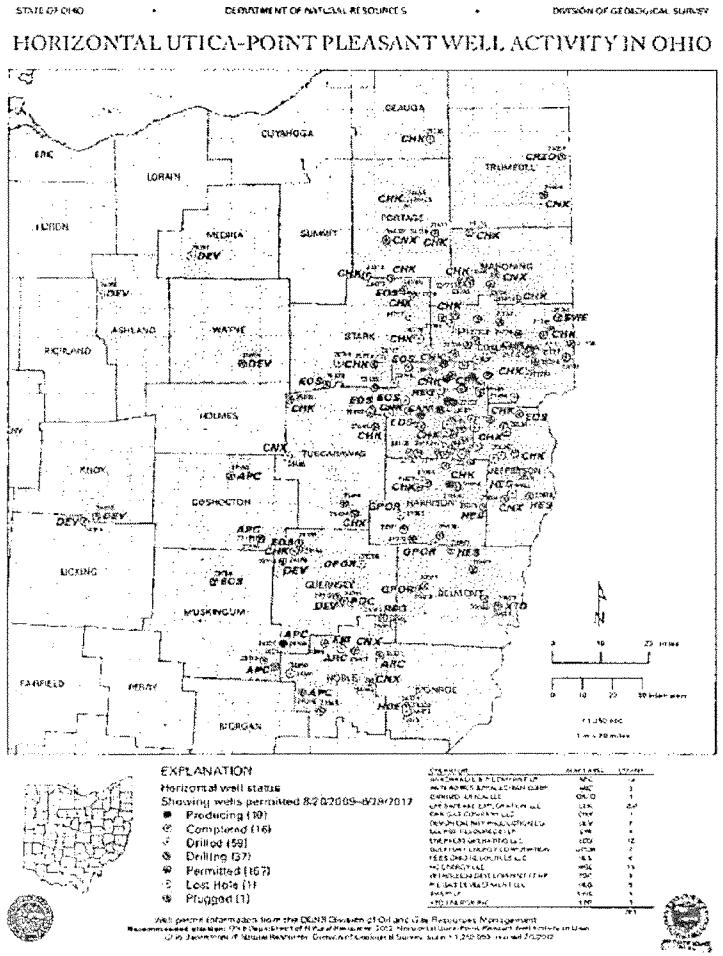


★ Counties in Ohio with permitting or drilling activity

- Chesapeake has filed drilling permits in ten counties in eastern Ohio: Carroll, Columbiana, Geauga, Guernsey, Harrison, Jefferson, Mahoning, Portage, Stark and Tuskarawas
- These counties fall within the wet gas window of the Utica shale and are in an area that contains both the Marcellus and Utica shales
- According to the Columbiana county recorder's office, 2,381 new mineral rights leases have been recorded since January, 2010 and the staff estimated that 90% are to companies interested in drilling for natural gas in the Marcellus and Utica shale

Source: Ohio Department of Natural Resources, Geological Survey

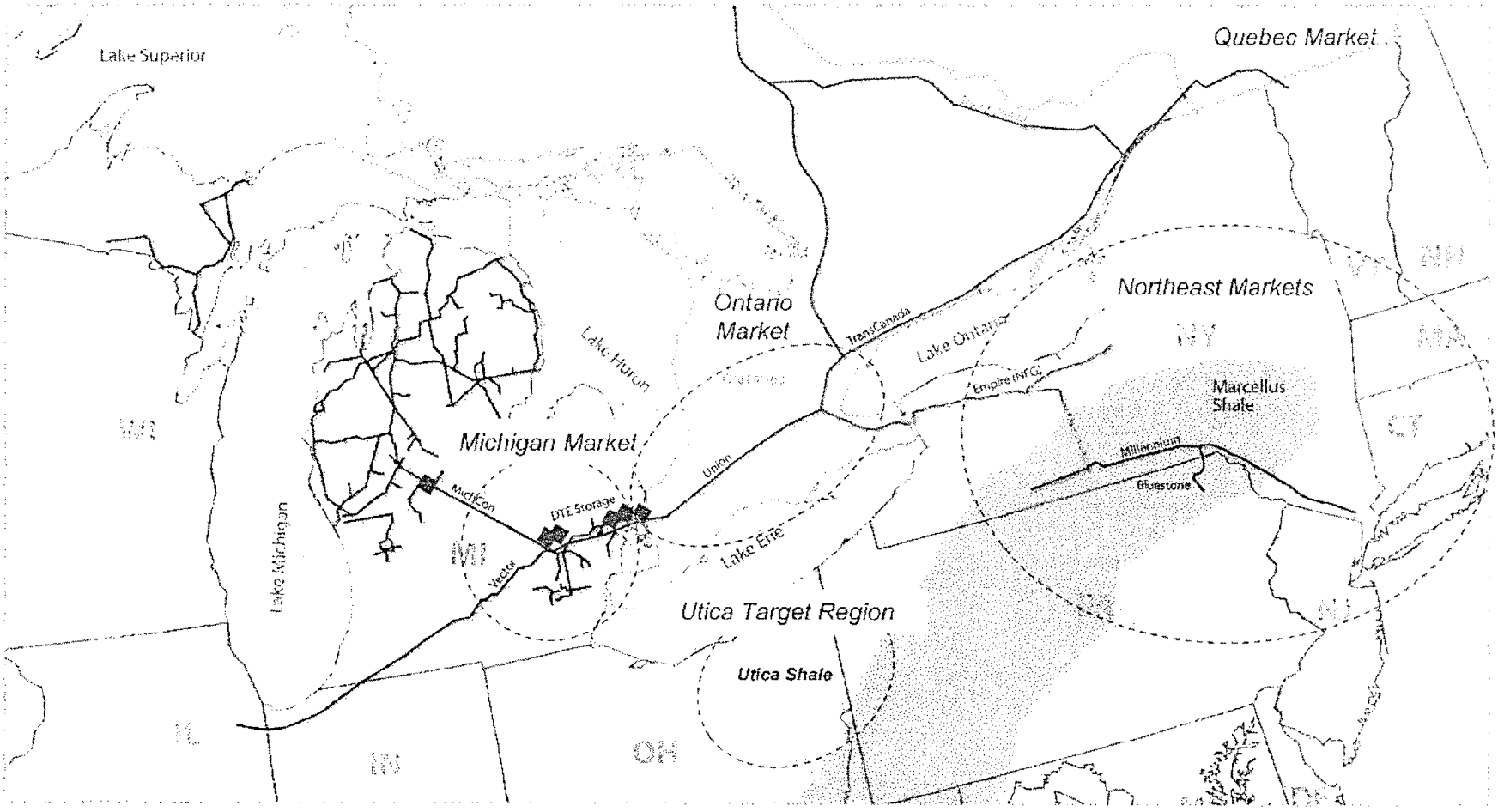
Since 2010, a total of 321 Utica Shale wells have been permitted across 21 counties in Ohio



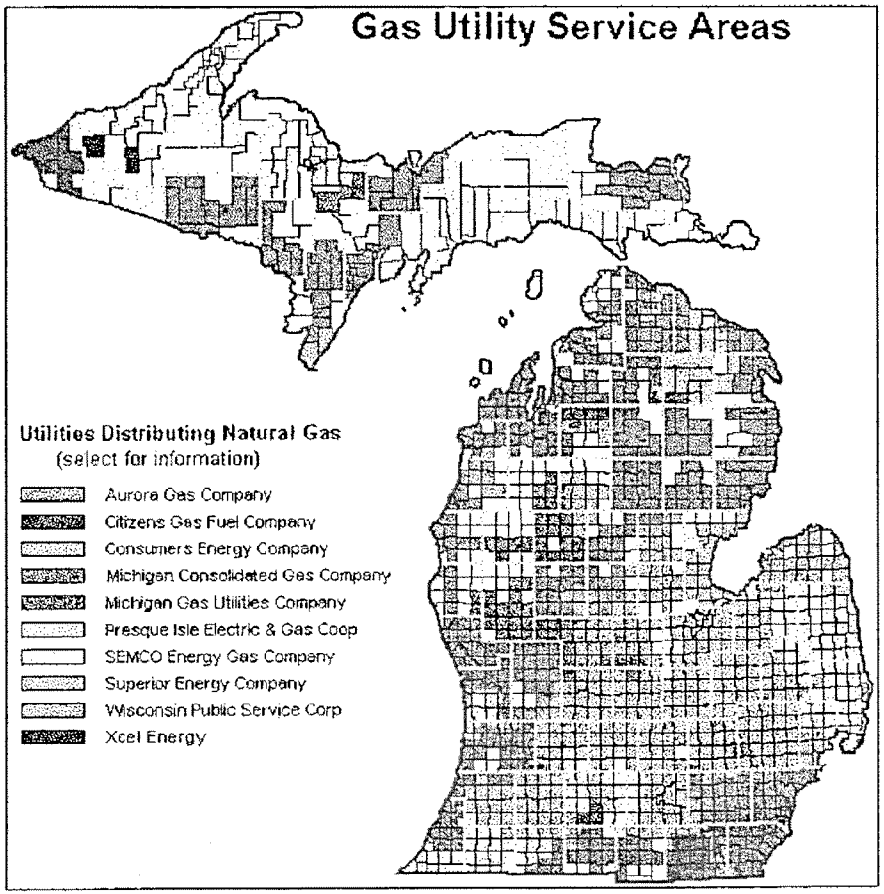
County	Producing	Completed	Drilled	Drilling	Permitted	Plugged	Lost Hole	Total
Ashland	0	0	1	0	0	0	0	1
Belmont	0	0	1	4	2	0	0	7
Carroll	9	5	30	7	53	0	0	114
Columbiana	1	0	19	1	26	0	0	47
Coshocton	0	0	0	1	2	0	0	3
Geauga	0	0	0	1	0	0	0	1
Guernsey	2	1	2	2	8	0	0	15
Harrison	1	0	4	2	21	0	0	28
Holmes	0	0	0	0	1	0	0	1
Jefferson	0	4	10	2	10	0	0	26
Knox	0	0	0	1	1	0	0	2
Mahoning	0	1	0	1	10	0	0	12
Medina	0	0	1	0	0	0	0	1
Monroe	0	0	3	4	9	0	0	16
Muskingum	0	0	0	1	2	0	0	3
Noble	0	0	3	6	2	1	0	12
Portage	0	1	3	0	6	0	0	10
Stark	0	0	4	2	6	0	1	13
Trumbull	0	0	0	0	2	0	0	2
Tuscarawas	1	0	1	0	4	0	0	6
Wayne	0	0	0	0	1	0	0	1
Total	14	12	82	35	176	1	1	321

Source: Ohio Department of Natural Resources, Geological Survey (Updated 08-06-2012 for week of 07-29-2012)

Northeast Markets, including Ohio, are being met by Marcellus production - Nearest, large liquid markets are Michigan and Ontario



Michigan Gas Market – a closer look

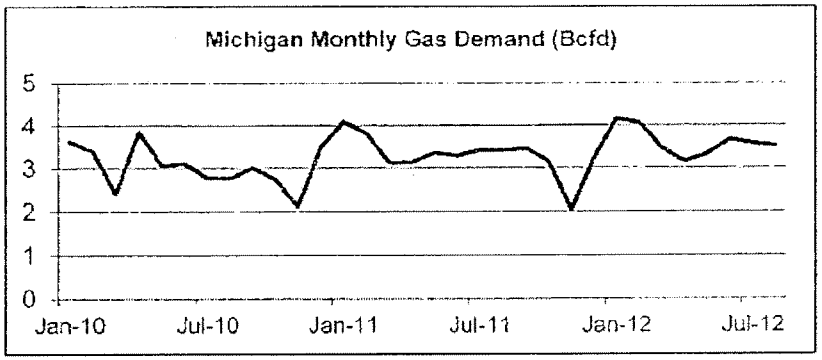


Michigan Current Demand

- Primary gas utilities are: Michigan Consolidated Gas Company, Consumers Energy, SEMCO and Michigan Gas Utilities
- Five Interstate and several regional pipelines provide access to supplies from the US Midcontinent, Gulf Coast, Rockies and Western Canada
- Michigan market and storage demand is approximately 1.2 Tcf / year
- Average daily demand of 3.2 Bcfd
- 660 Bcf of storage provides flatter annual demand

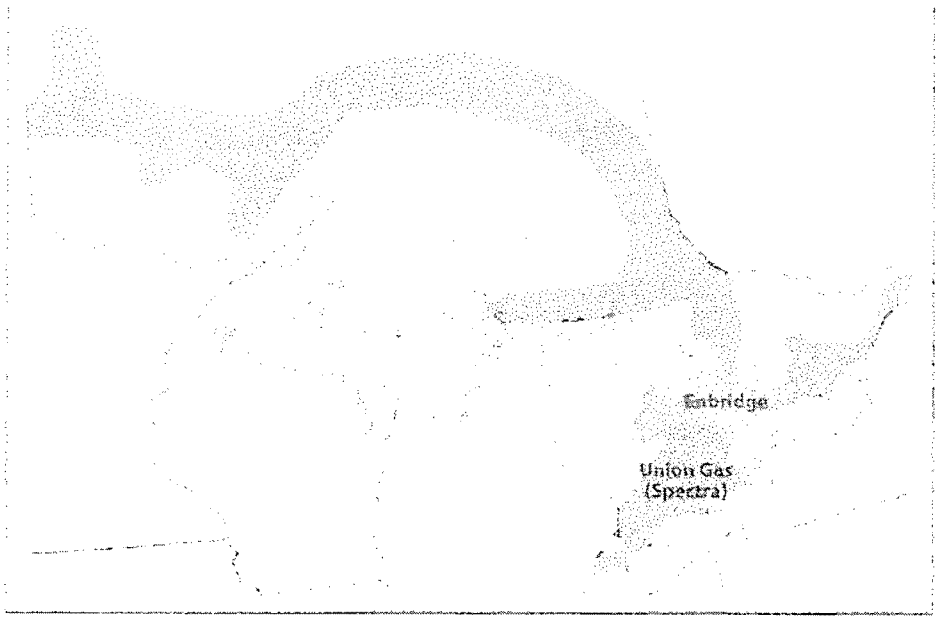
Michigan Demand Growth

- Power generation coal conversion could add 0.1 – 0.3 Bcfd



Source: Michigan Public Service Commission; DTE analysis

Ontario Gas Market – a closer look

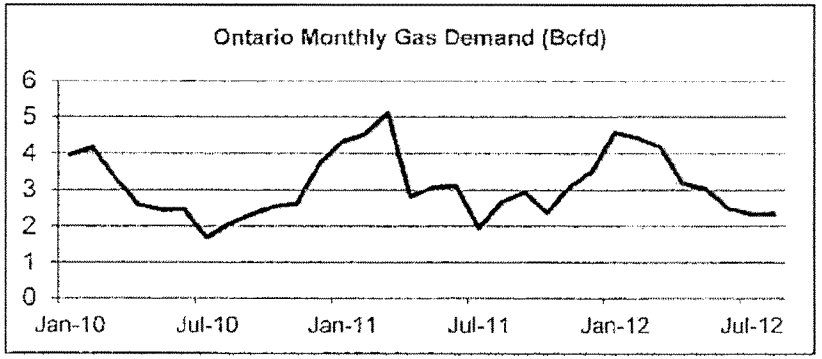


Ontario Current Demand

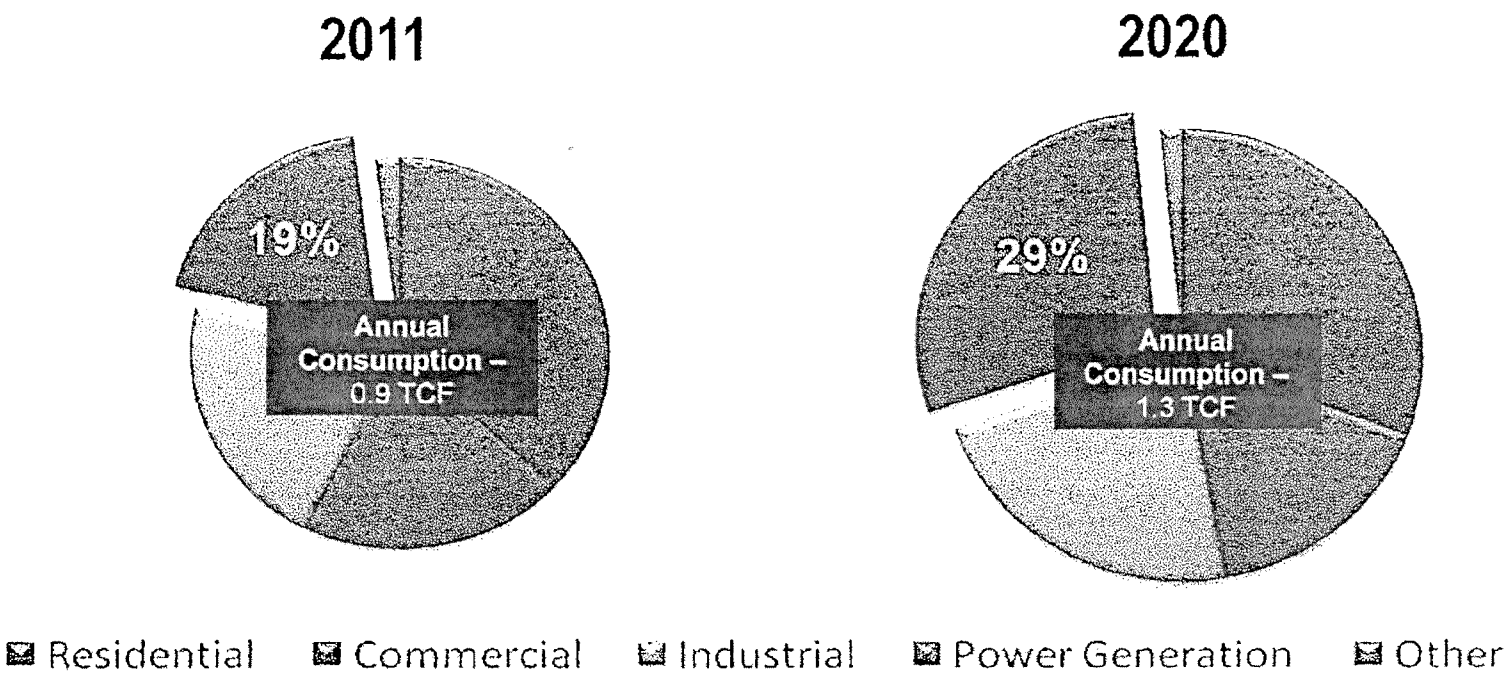
- Primary gas utilities are: Union Gas and Enbridge Gas Distribution
- Interconnects with Vector, TransCanada, Great Lakes Gas Transmission, Panhandle Eastern, MichCon and Bluewater
- Ontario market and storage demand is approximately 1.1 Tcf / year
- Average daily demand of 3.1 Bcfd
- 276 Bcf of storage provides flatter annual demand

Ontario Demand Growth

- Projected to grow to 1.3 Tcf / year by 2020
- Power generation coal conversion has been underway since 2003
  - Currently 7,000 GW of gas fired generation
  - All coal fired generation will be retired by 2014



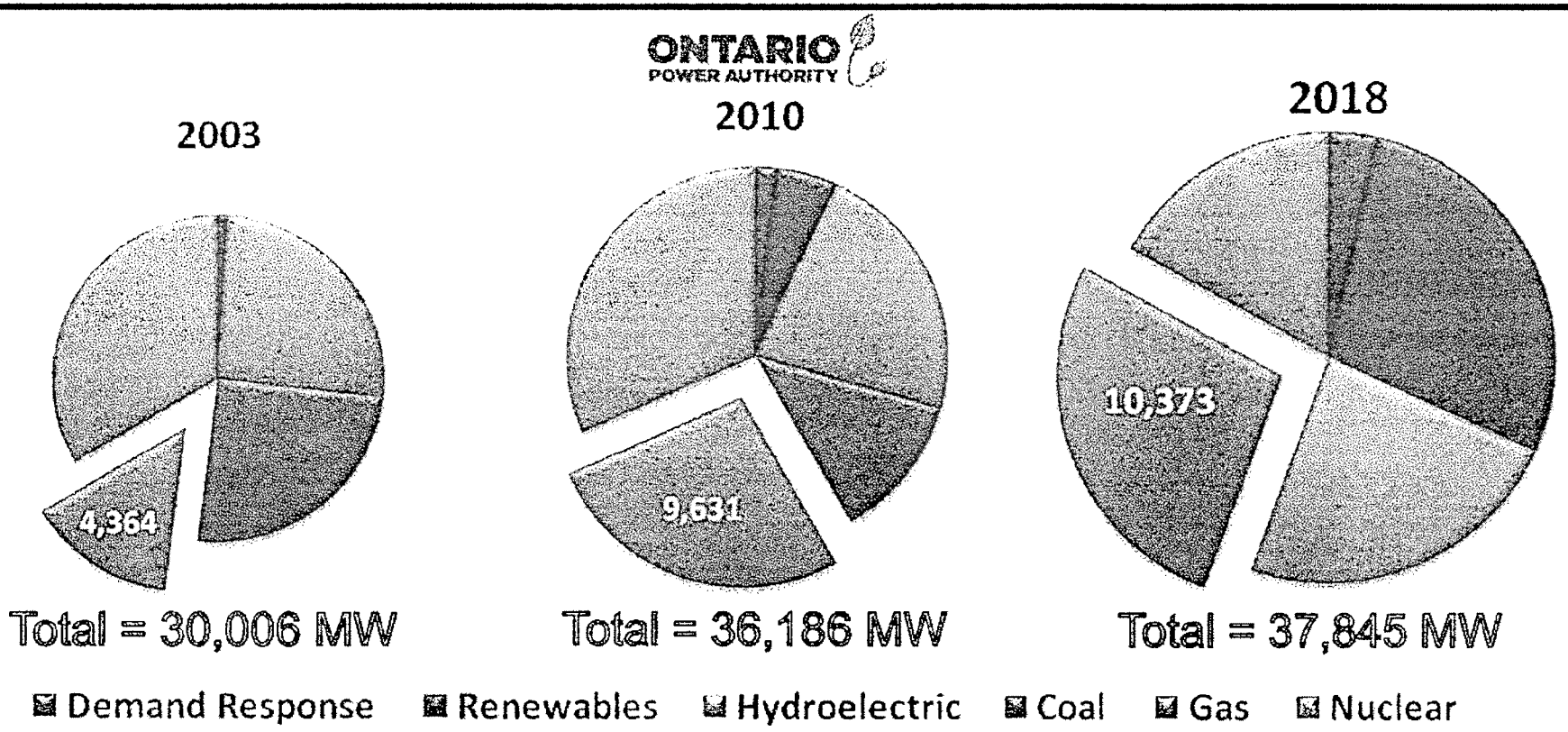
Ontario Natural Gas Demand
Power Generation Leads the Way



Source: ICF International, GMM Q2 2012 Compass

Natural gas continues to be a critical component in Ontario's energy portfolio with demand (power) forecast to grow significantly

Ontario Power Generation Mix (MW)
Natural Gas Power Generation Demand



Natural gas plays an increasingly important role in Ontario's electricity supply mix.

Michigan and Ontario are some of the most liquid trading locations in North America

NEXUS Gas Transmission gives producers access to the Michigan and Ontario markets

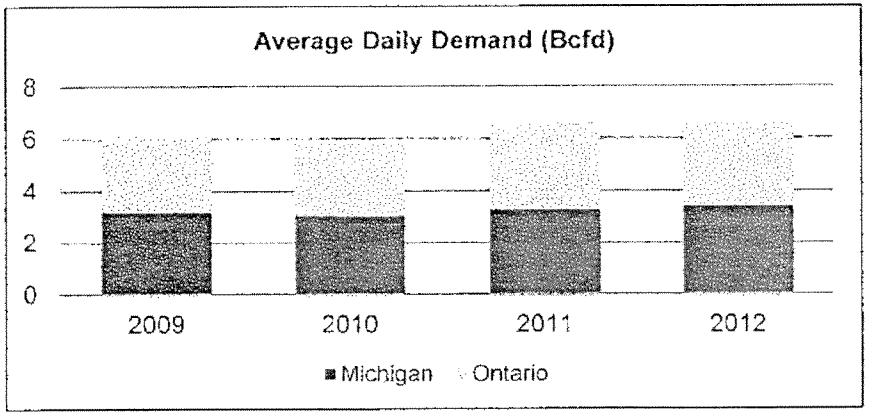
- Average Daily Demand of over 6 Bcf
- Significant summer demand because of storage injections -- 660 Bcf Michigan, 276 Bcf Ontario

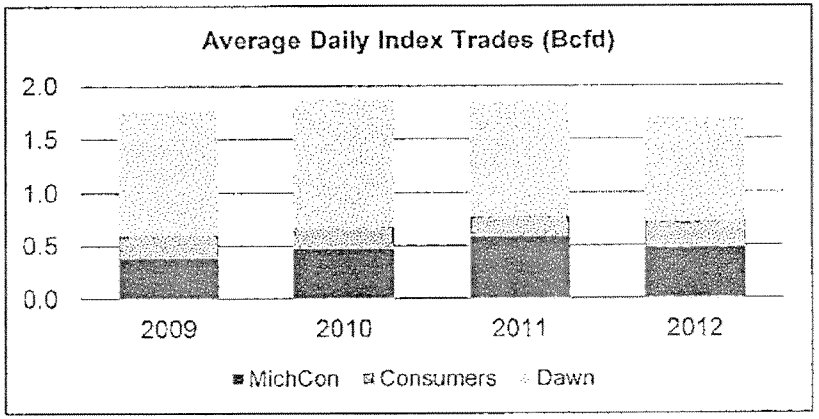
Liquidity gives producers flow assurance

- Producers desire multiple buyers; Markets desire multiple sellers
- MichCon, Consumers and Dawn Hub are published trading points in Gas Daily and traded on Intercontinental Exchange (ICE)
- Average daily index trades - 0.5 Bcfd at MichCon, 0.2 Bcfd at Consumers, 1.1 Bcfd at Dawn Hub
- By comparison, 0.7 Bcfd trades at Dominion South Point and 0.7 Bcfd trades at Henry Hub

Utilities in Michigan and Ontario have expressed interest in a significant amount of supply

- Looking for index based supply

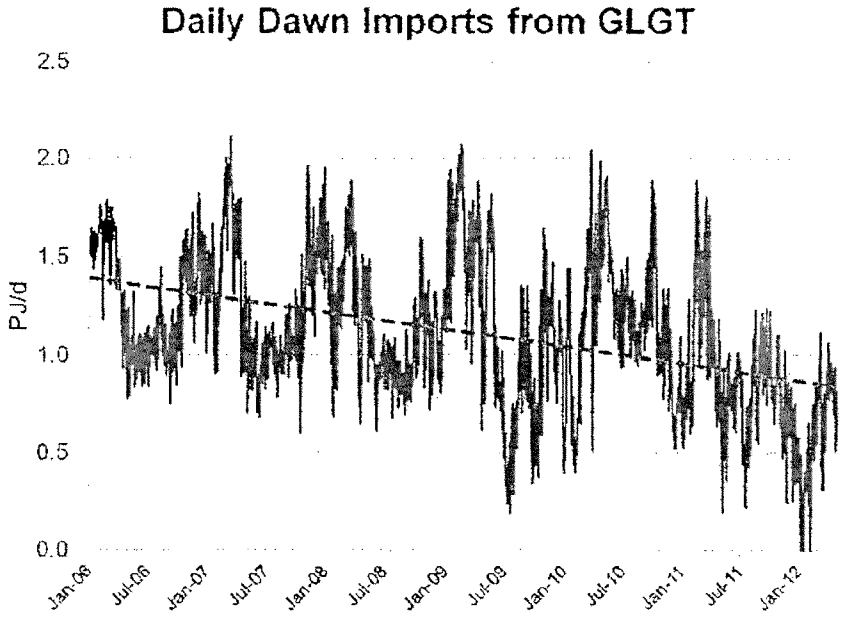




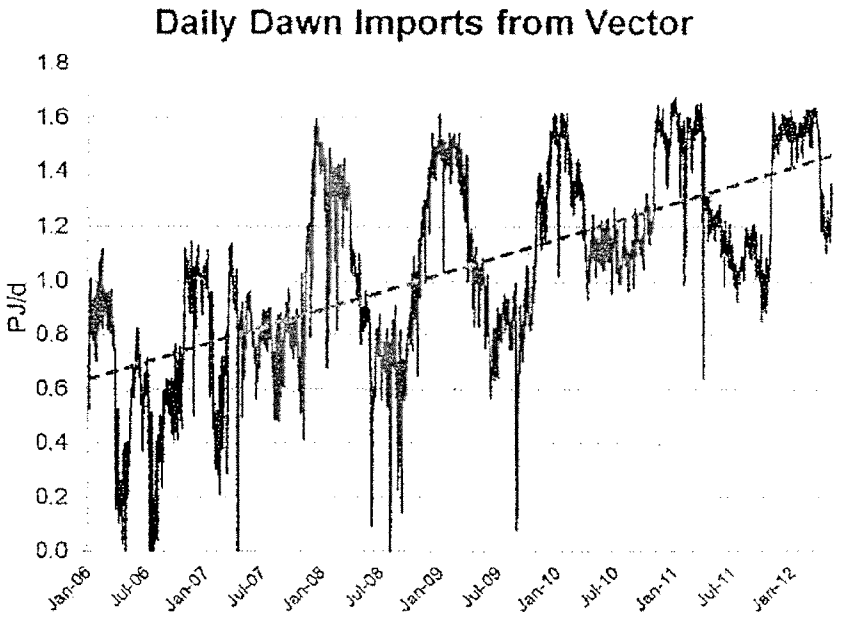
Source: Platt's Gas Daily; DTE analysis; 2012 data through August 23

Changing flows from Michigan into Ontario

GLGT ↓ - Vector ↑; All other interconnections ↑



Flows from Great Lakes Gas Transmission have declined



Vector has taken the swing

Customers Sourcing Gas at Dawn

Enbridge Gas Distribution	Dawn	Parkway/Kirkwall	2,187,702	
TransCanada PipeLines Limited	Dawn	Parkway/Kirkwall	1,170,738	
National Grid	Dawn	Parkway/Kirkwall	383,679	
Gaz Metro Limited Partnership	Dawn	Parkway	287,000	
Goreway Power Station	Dawn	Parkway	140,000	
TransCanada Power	Dawn	Parkway	132,000	
Portlands Energy Centre L.P.	Dawn	Parkway	100,000	
Greenfield Energy Centre LP	Dawn	Dawn-Vector	92,845	
York Energy Centre LP	Dawn	Parkway	76,000	
Yankee Gas Services Company	Dawn	Parkway	69,056	
The Southern Connecticut Gas Company	Dawn	Parkway	58,655	
Consolidated Edison Company of New York, Inc.	Dawn	Parkway/Kirkwall	53,571	
J. Aron & Company	Dawn	Parkway	50,000	
Thorold CoGen L.P.	Dawn	Kirkwall	49,500	
Connecticut Natural Gas Corporation	Dawn	Parkway	40,146	
Columbia Gas of Massachusetts	Dawn	Parkway	27,803	
National Fuel Gas Distribution	Dawn	Kirkwall	26,695	
BP Canada Energy Group ULC	Dawn	Parkway	20,000	
Vermont Gas Systems Inc.	Dawn	Parkway	20,000	
U.S. Steel Canada Inc.	Dawn	Parkway	17,351	
Central Hudson Gas & Electric Corporation	Dawn	Parkway	16,259	
Suncor Energy Products	Dawn	Parkway	15,000	
Utilities Kingston	Dawn	Parkway	13,435	
TransAlta Cogeneration	Dawn	Parkway	11,809	
St. Lawrence Gas Company, Inc.	Dawn	Parkway	10,785	
Greater Toronto Airports Authority	Dawn	Parkway	7,500	

Over 5 Bcf/d of transportation contracts source gas at Dawn

Source: Union Gas Index of Transportation Customers

Agenda – Enbridge Gas Distribution

NEXUS GAS TRANSMISSION

- Introductions
- Utica Supply Fundamentals
- NEXUS Project Details
- Michigan and Ontario Markets
- NEXUS Open Season
- Wrap-up and Q & A

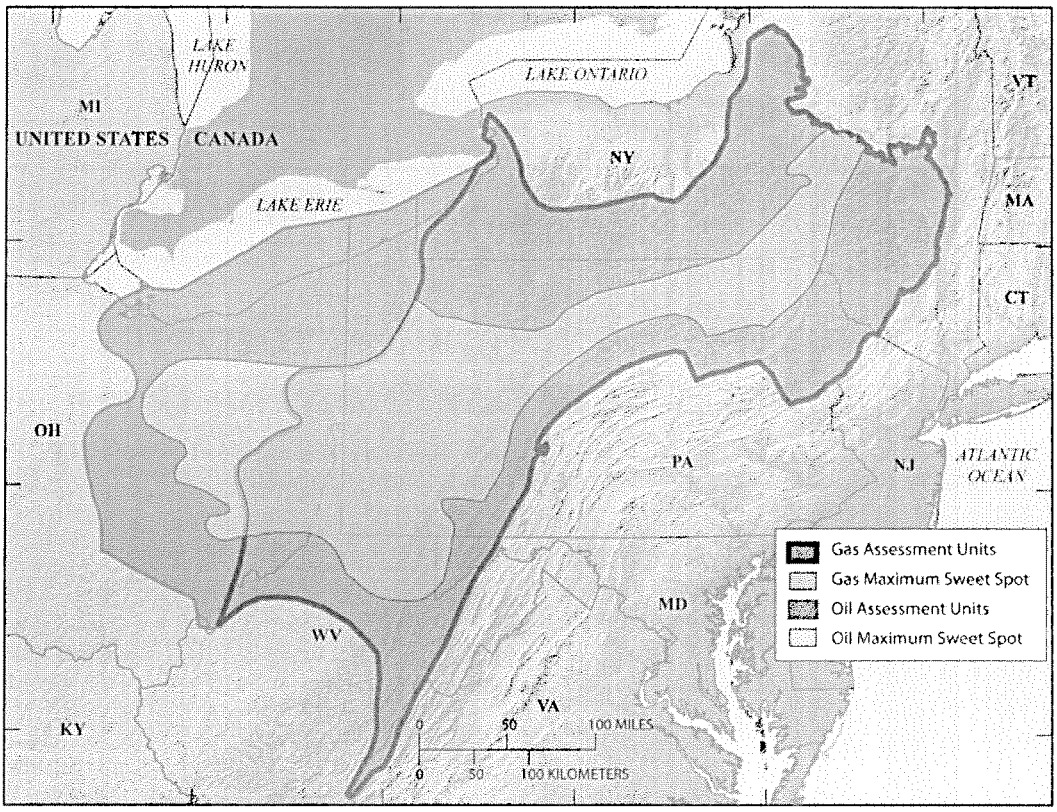
DTE Energy®

Assessing well performance, resource potential and production from the Utica Shale

November 1, 2012

DTE Energy

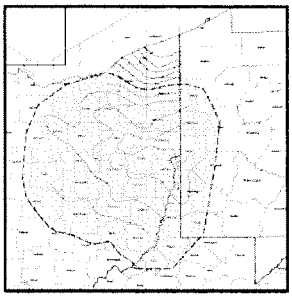
Recent U.S. Geological Survey map defining the gas and oil portions of the Utica shale



Source: USGS September 2012

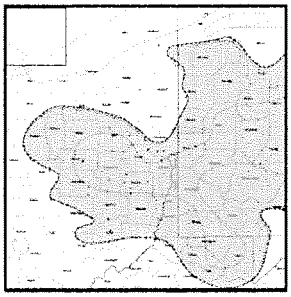
The Utica sweet spot occurs at the intersection of attractive Point Pleasant thickness, total organic carbon (TOC), and thermal maturity (R_0)

DTE Energy



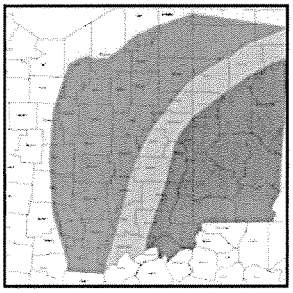
Point Pleasant thickness

+



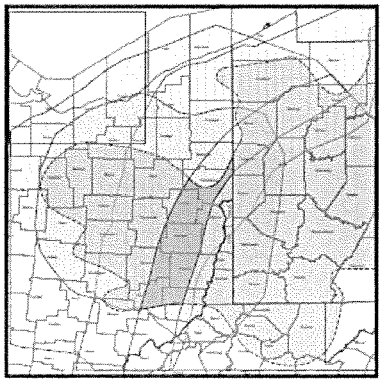
Point Pleasant TOC

+



Thermal maturity

=



Overlapping "sweet spot"

Source: Gulfport Sep 2012 presentation

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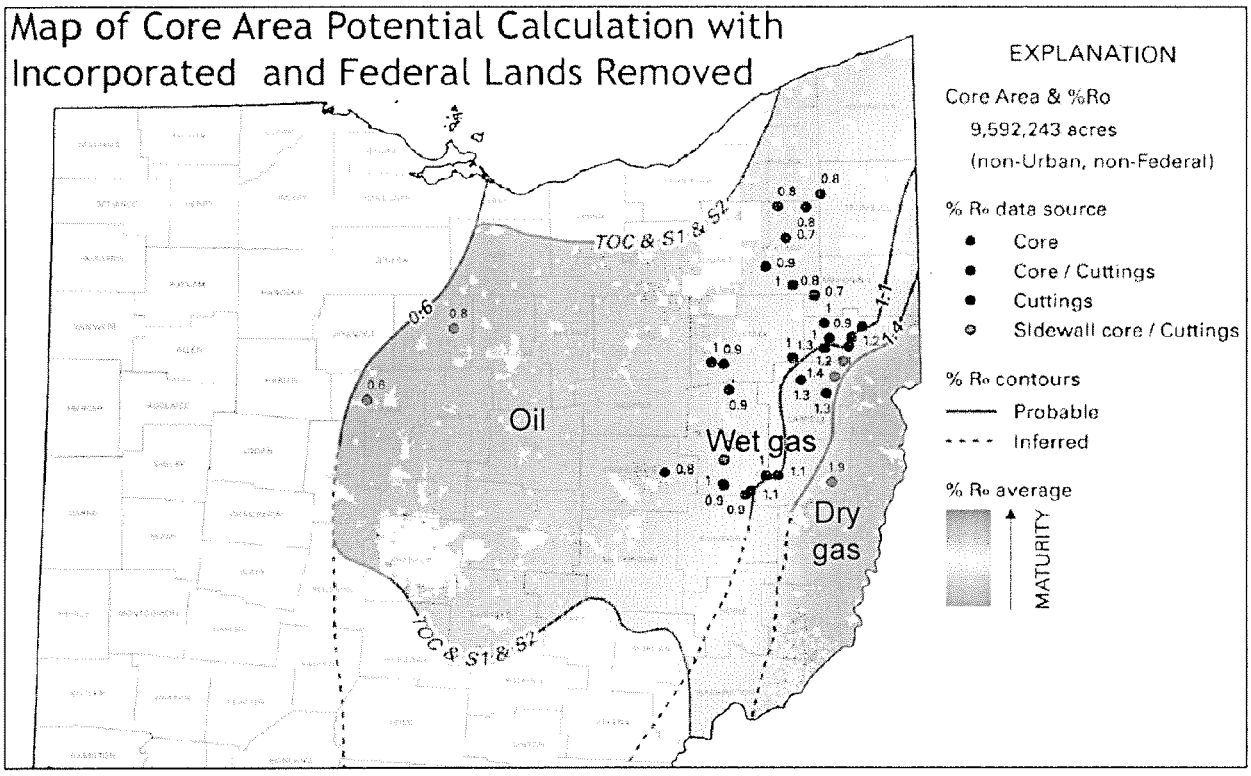
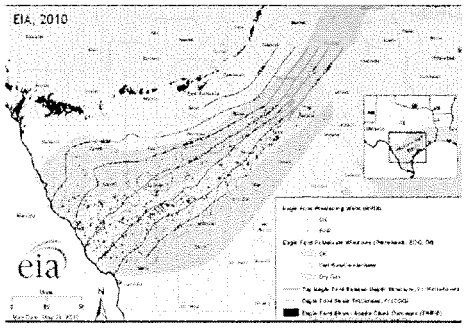
The Ohio Utica contains dry gas, wet gas and oil windows

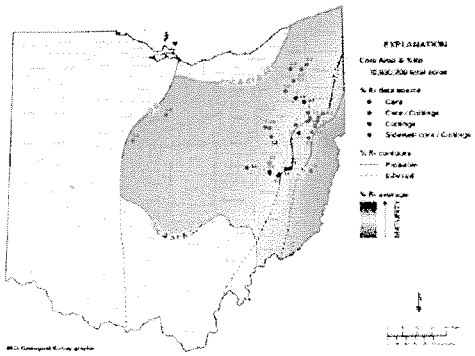


Source: Ohio Geological Survey 4/2/12

Based on geology, the combined Utica and Point Pleasant formation is comparable to the Eagle Ford shale

DTE Energy





	Eagle Ford	Utica + Point Pleasant
Area (sq. miles / acres)	20,000 / 12.8 million	17,000 / 10.9 million
Net thickness (ft)	324	290
Porosity	6.5%	4.2%
Water saturation	15.5%	9.5%
Permeability	360 Nd	546 Nd

Source: Ohio Department of Natural Resources, Division of Geological Survey April 2012; Gulfport presentation September 2012; Chesapeake 2012 Q2 earnings call

Chesapeake, Chevron, Range, and other leading natural gas producers have acquired substantial acreage positions in the Utica

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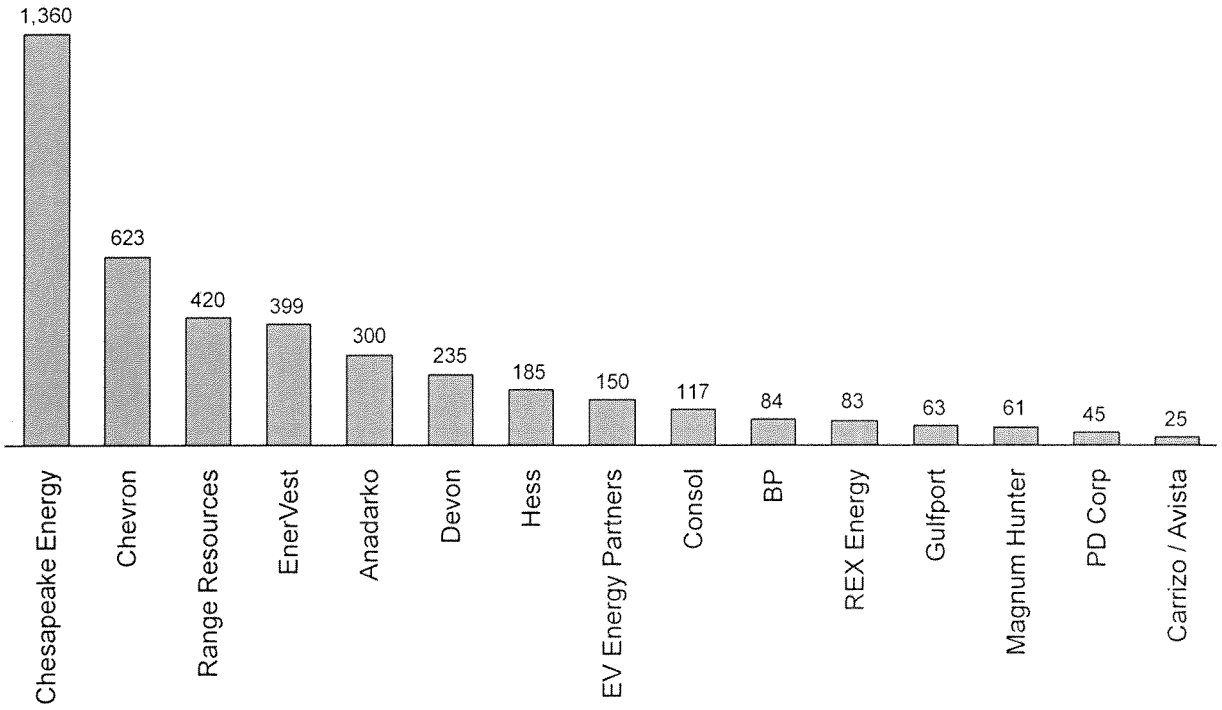
Utica Acreage by Producer (thousands of acres)



Source: Bentek Energy, Unconventional Gas Center, Company presentations

Utica is a key target of producer investment in liquids rich plays, and has seen dramatic growth in rig count and drilling activity

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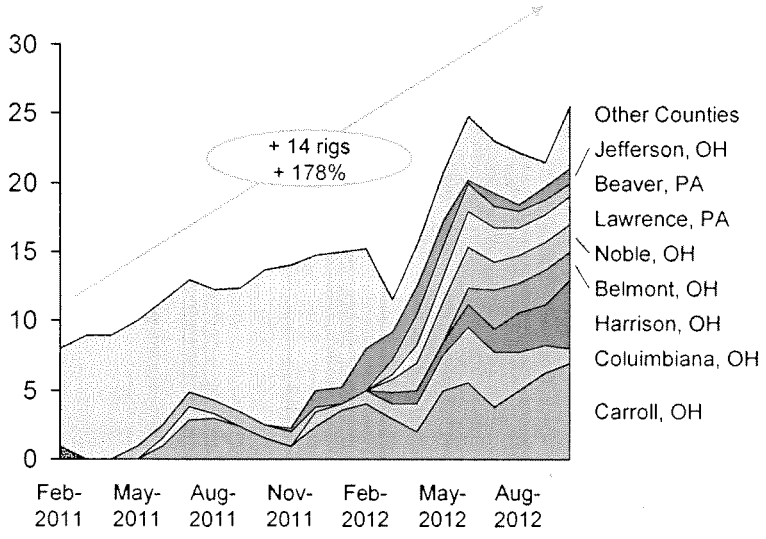
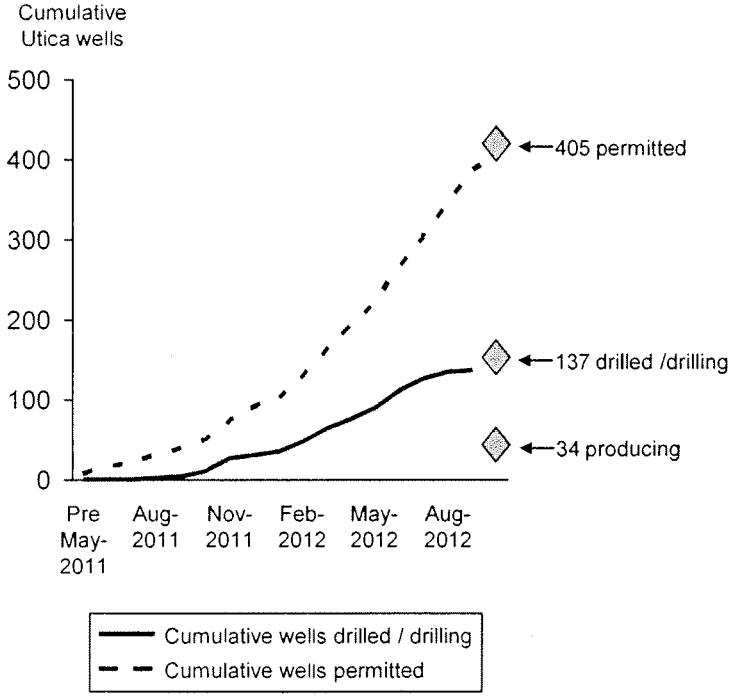
Utica Rig Count



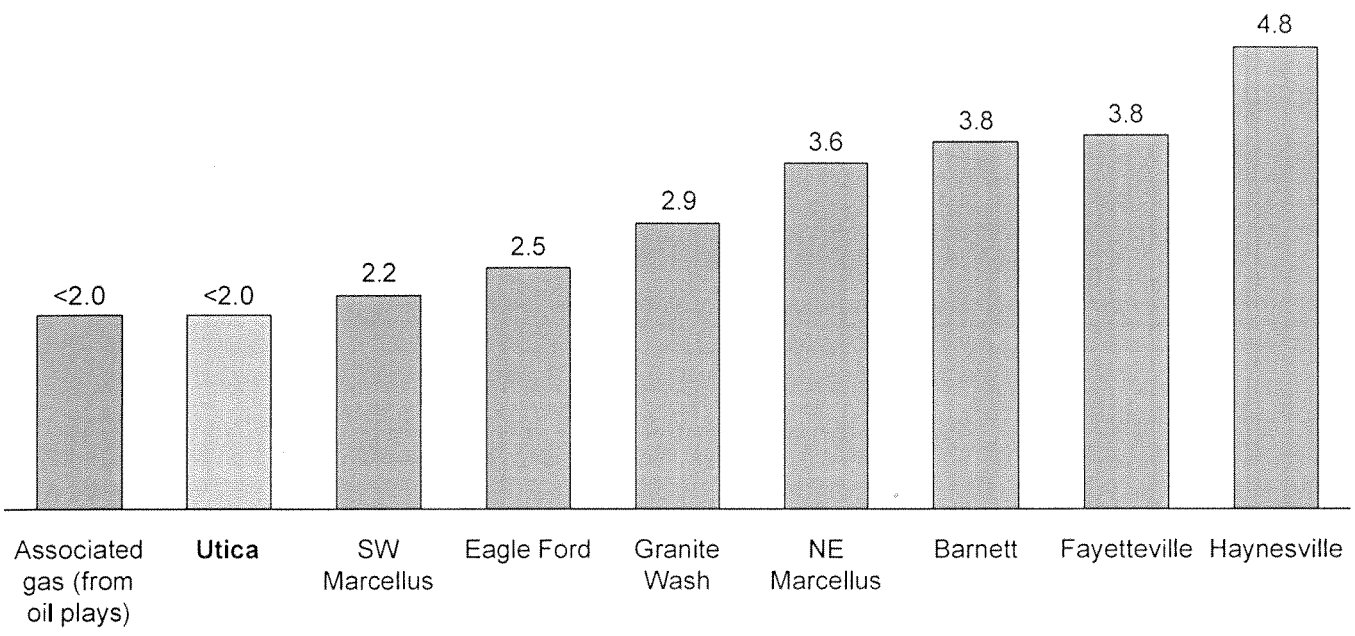
Utica Well and Drilling Activity



Source: Baker Hughes, Ohio Department of Natural Resources September 30, 2012, DTE analysis

Natural gas from the Utica Shale is among the lowest cost supplies available

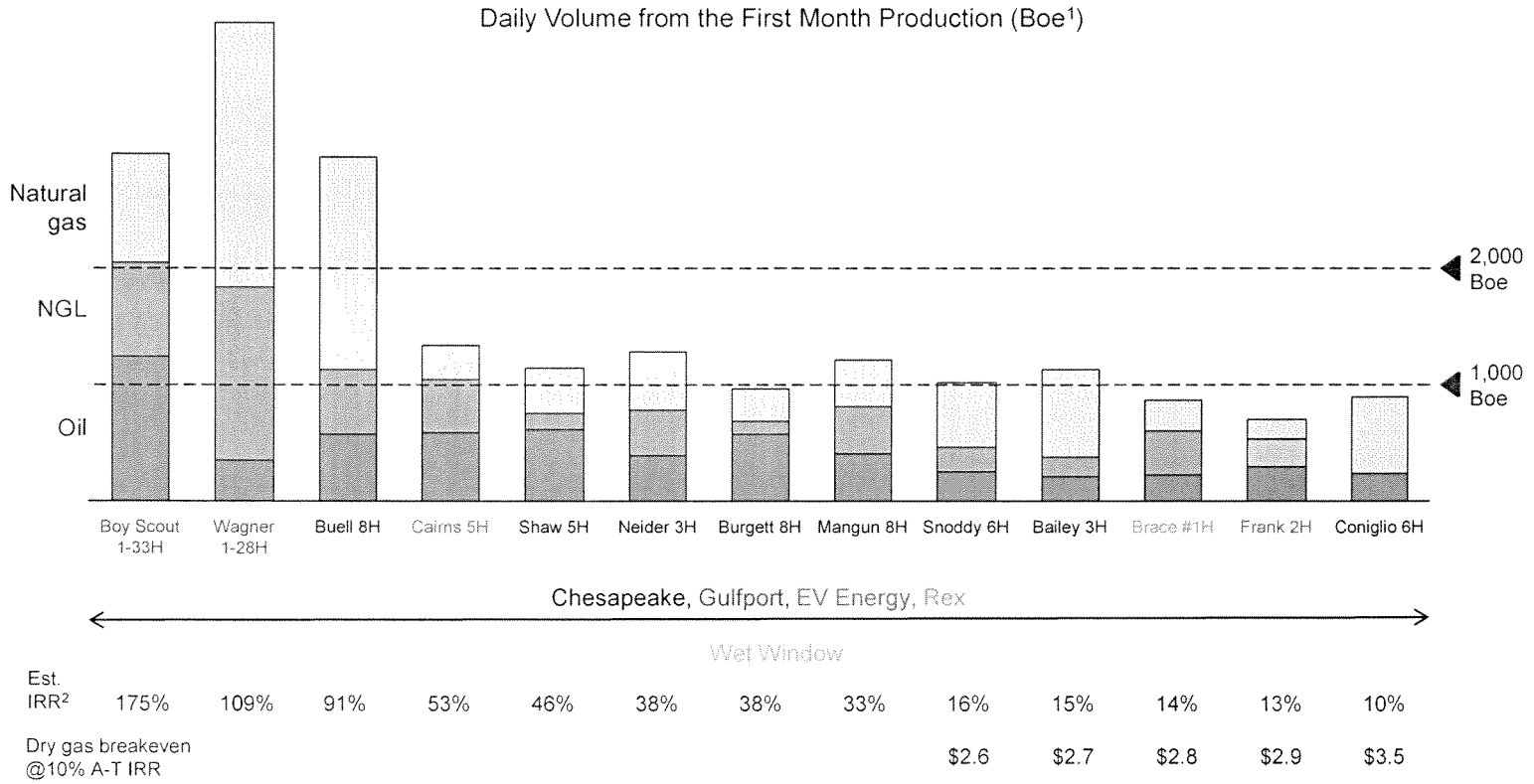
DTE Energy



1. 2015 breakeven cost of new supply at after-tax 10% IRR
Source: Wood Mackenzie, DTE Energy analysis

Utica well economics particularly in the wet window have been very strong, however, production rate and composition varies significantly by well

DTE Energy



	Boy Scout 1-33H	Wagner 1-28H	Buell 8H	Cairns 5H	Shaw 5H	Neider 3H	Burgett 8H	Mangun 8H	Snoddy 6H	Bailey 3H	Brace #1H	Frank 2H	Coniglio 6H
Est. IRR[2]	175%	109%	91%	53%	46%	38%	38%	33%	16%	15%	14%	13%	10%
Dry gas breakeven @10% A-T IRR									$2.6	$2.7	$2.8	$2.9	$3.5

1. Dry gas to liquid conversion: 1 MMcf = 167 bbl
2. After-tax IRR; assumes $80/bbl crude price, $3.5 natural gas price, ethane sold as $3.5 gas and NGLs priced at 33% of crude (2012 YTD average)

Source: Ohio Department of Environment Protection; Producer press releases

Utica well production rate and composition also varies in the dry and oil windows; recent well results in the dry window indicate that it could contain significant liquids

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Daily Volume from the First Month Production (Boe[1])

Est. IRR[2]	90%	23%	19%	17%	8%	2%	18%	-1%
Dry gas breakeven @10% A-T IRR		$2.7	$2.8	$2.9	$3.7	$4.6		

1. Dry gas to liquid conversion: 1 MMcf = 167 bbl
2. After-tax IRR; assumes $80/bbl crude price, $3.5 natural gas price, ethane sold as $3.5 gas and NGLs priced at 33% of crude (2012 YTD average)

Source: Ohio Department of Environment Protection; Producer press releases

A bottoms-up estimate of Utica's resource potential across three windows suggests recoverable reserves of ~91 Tcf gas, ~4.1 B bbl NGLs, and ~5.7 B bbl oil

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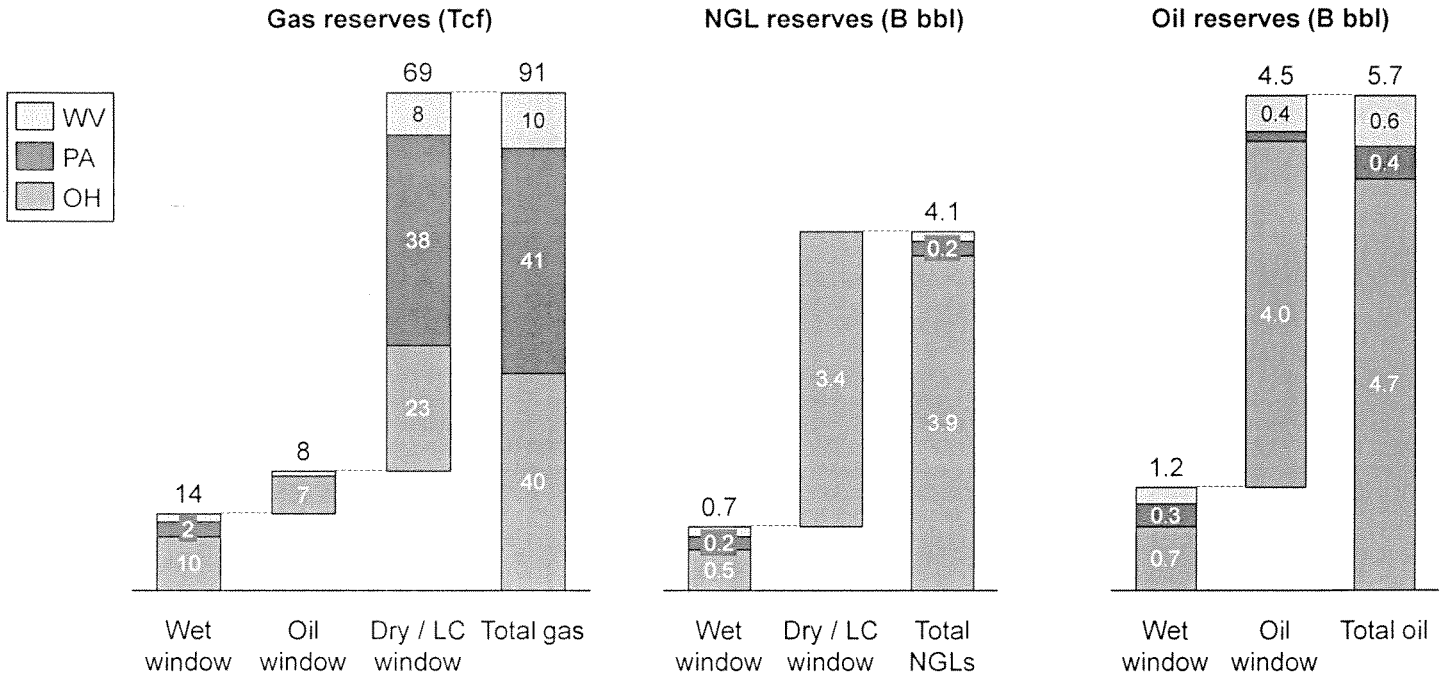
Total reserves = acreage[1] * wells per acre[2] * success factor[3] * EUR per well[4]



1. By window, from Ohio Geographic Survey, adjusted by population density. Only includes prospective area and excludes federal lands
2. Assumed 160 wells/acre based on current spacing
3. Higher where wells currently in production; lower the further away from existing production
4. Varies based on actual results by county

We estimate that just 4 counties in Ohio – Harrison, Belmont, Carroll and Jefferson – could hold ~23 Tcf of recoverable gas reserves

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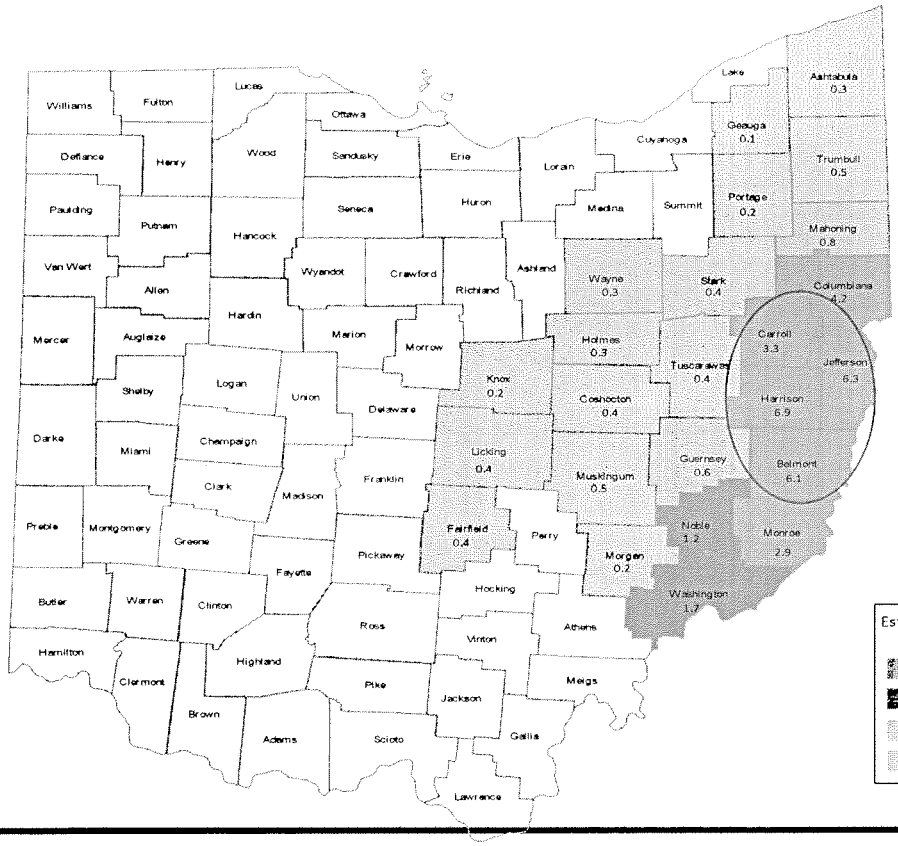

County	# of wells included	Average IRR	Gas Reserves (Tcf)
Harrison	3	125%	6.9
Belmont	1	90%	6.1
Carroll	11	22%	3.3
Jefferson	2	20%	6.3

Source: DTE Market Intelligence Modeling

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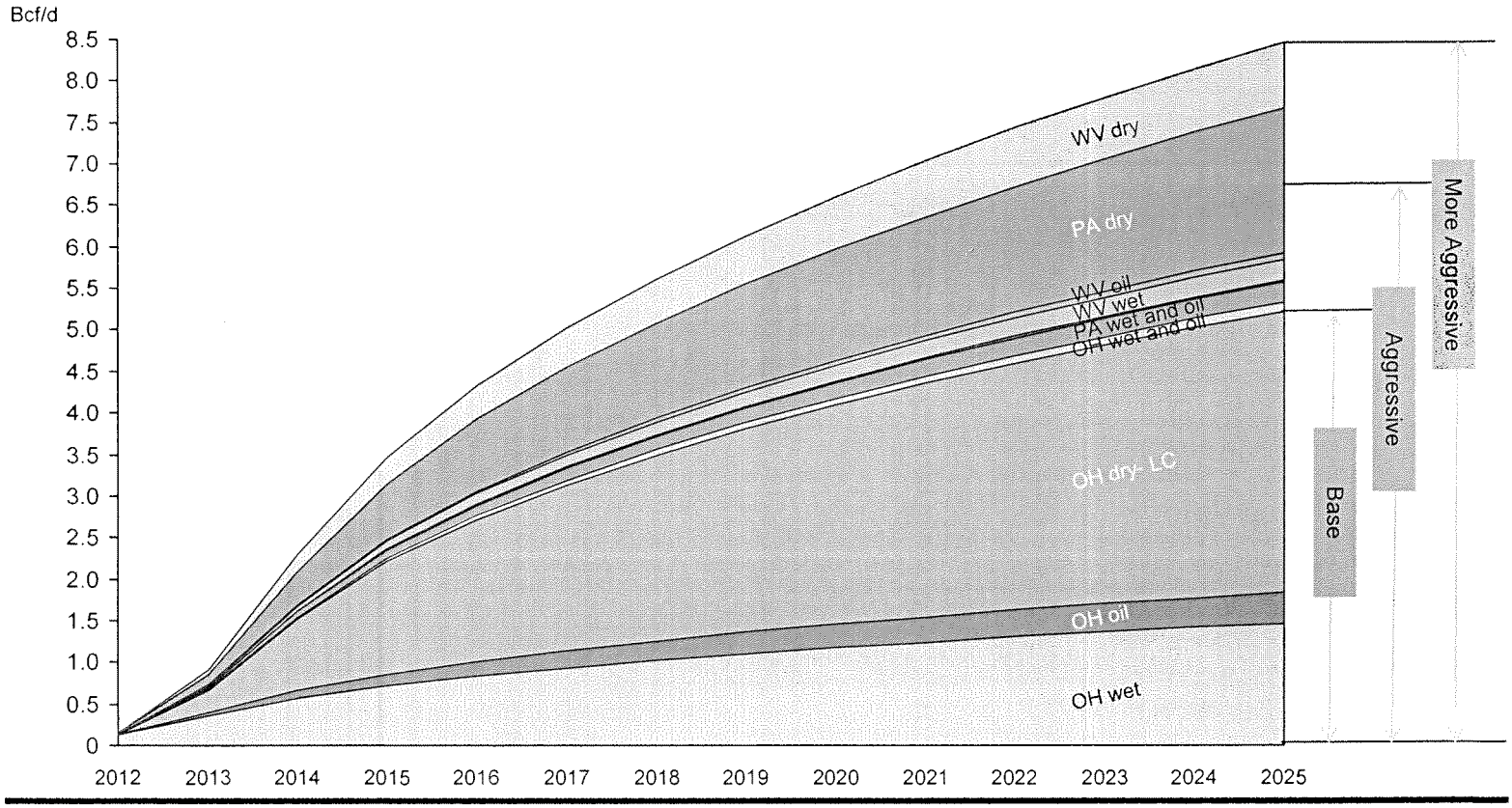
Utica natural gas production could reach ~4.0 Bcf/d by 2020 and ~ 5.2 Bcf/d by 2025 in our base case



Source: DTE Market Intelligence Modeling

We know that industry consultants tend to be very conservative in their forecast for emerging shales

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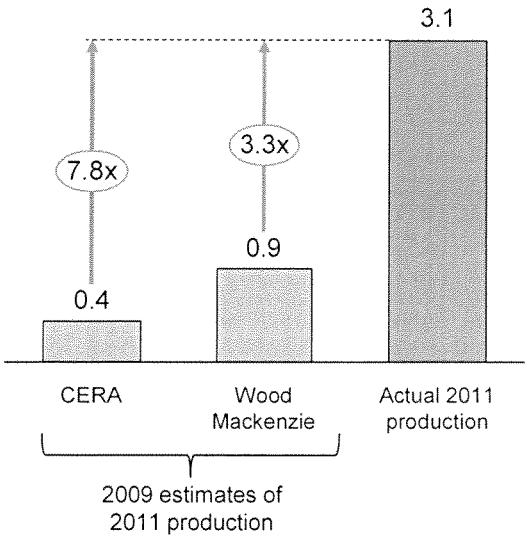
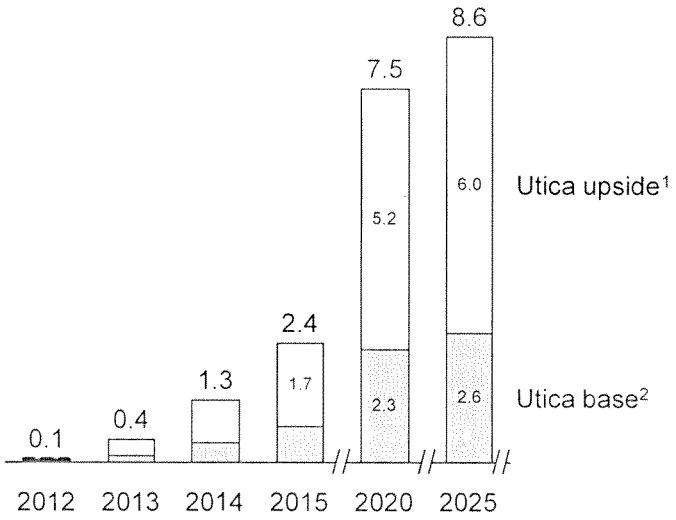
Marcellus Production Forecasts vs. Actual (Bcf/d)



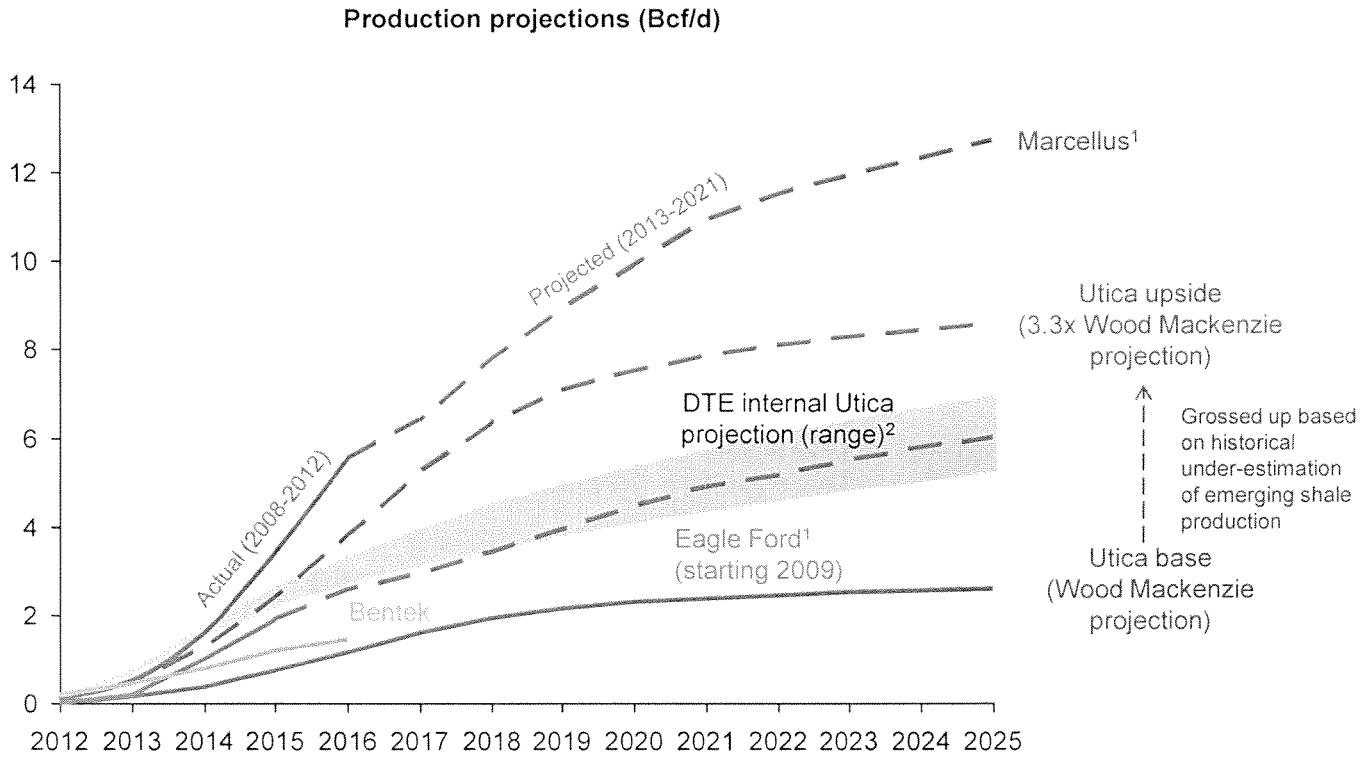
More Aggressive Utica Shale Production (Bcf/d)



1. Assumes Utica production is 3.3x Wood Mackenzie's current projections 2. Wood Mackenzie's Utica projection
Source: Wood Mackenzie, CERA, DTE analysis

DTE Energy

Our forecast seems reasonable given what has played out in other shales like the Marcellus and the Eagle Ford



1. Actual and projected Marcellus and Eagle Ford production from Wood Mackenzie 2. Range of production estimates based on assumptions about which portions of acreage are developed, and how quickly. Low end (Base case) assumes only OH wet ,oil and dry acreage developed, with 15-30 year drill-out; higher end ("Aggressive" case) assumes wet and oil acreage in OH, PA, and WV developed as well as some dry acreage in PA, with 15-20 year drill-out
Source: Wood Mackenzie, DTE modeling

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Summary

- Our early analysis indicates that the Utica shale should contain a substantial amount of gas, NGL and oil reserves
- The Ohio Utica which accounts for ~45% of the gas, ~95% of the NGL and ~80% of the oil resource in the Utica, exhibits very strong economics even at low gas and NGL prices, thus, it has become a key area of focus for large producers
  - The wet gas window of the Utica has demonstrated very strong economics
  - Well results in the dry gas window of the Ohio Utica have also been encouraging – recent Gulfport well in Belmont had an A-T IRR of 90% and ~40% liquids, 2 dry gas wells in Jefferson yielded A-T IRR's of 20% at $3.5/MMBtu gas
- Therefore, our early thesis is that the pace of development in the Utica should accelerate and growth profile should be similar to that of the Eagle Ford shale
- Key metrics that we need to monitor to prove out our thesis include the following:
  - Individual well data particularly for Belmont, Jefferson, Columbiana and Monroe counties to help refine average well economics and mix of gas and NGLs
  - Pace of drilling

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Appendix

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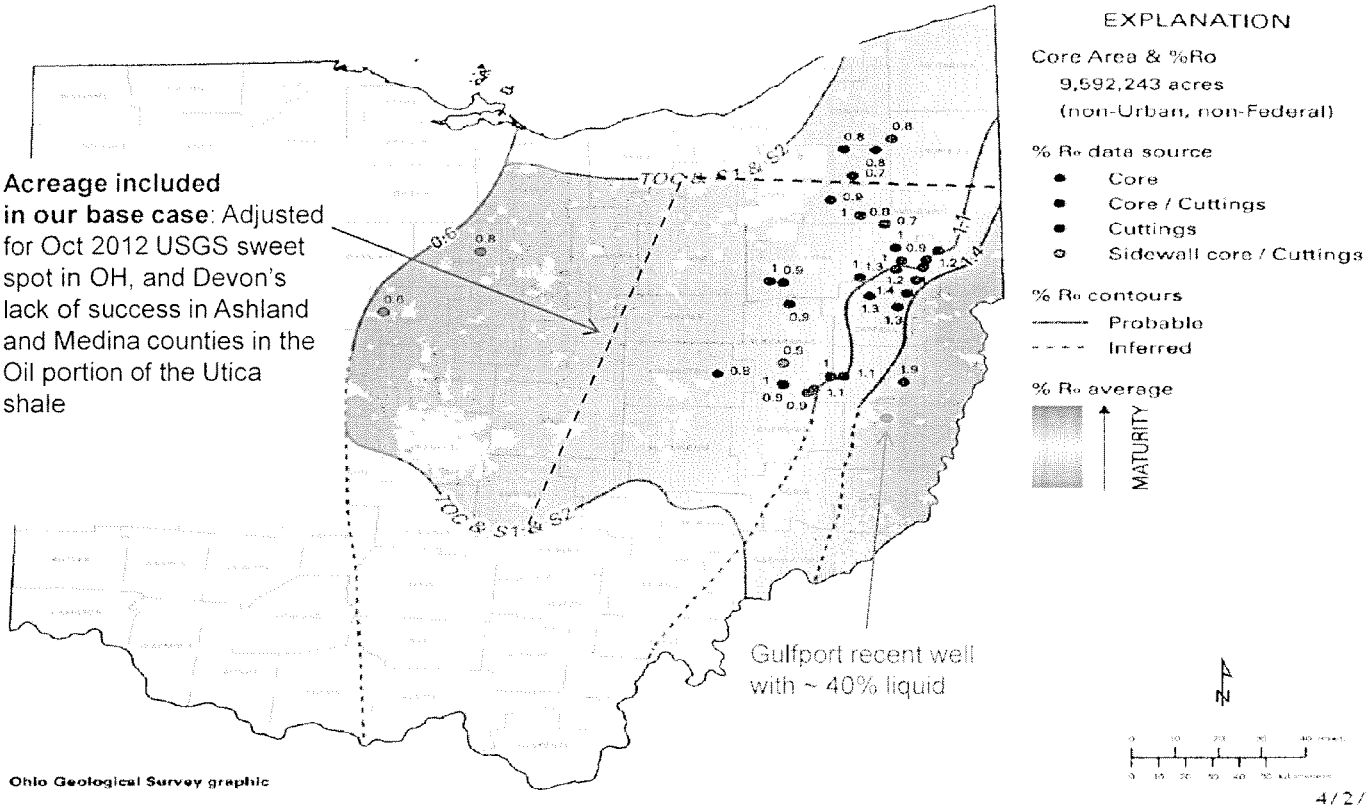
Our base case assumes that only a portion of the OH acreage is prospective and gets developed



Source: Ohio Department of Natural Resources (ODNR), Division of Geological Survey March 2012

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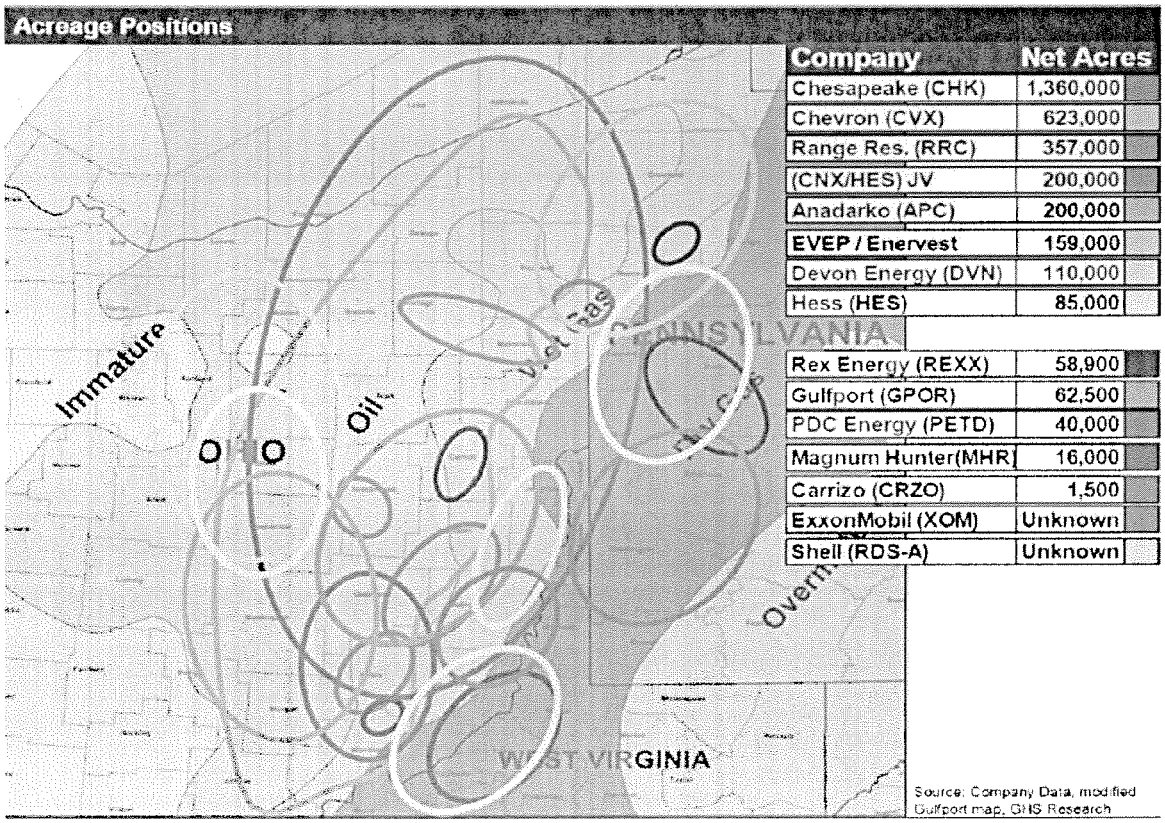
Producers have acquired over 4 million acres targeting Utica development, and continue to acquire more



Company	Net Acres
Chesapeake (CHK)	1,360,000
Chevron (CVX)	623,000
Range Res. (RRC)	357,000
(CNX/HES) JV	200,000
Anadarko (APC)	200,000
EVEP / Enervest	159,000
Devon Energy (DVN)	110,000
Hess (HES)	85,000
Rex Energy (REXX)	58,900
Gulfport (GPOR)	62,500
PDC Energy (PETD)	40,000
Magnum Hunter(MHR)	16,000
Carrizo (CRZO)	1,500
ExxonMobil (XOM)	Unknown
Shell (RDS-A)	Unknown

Source: Ohio Department of Natural Resources, Division of Geological Survey 2012

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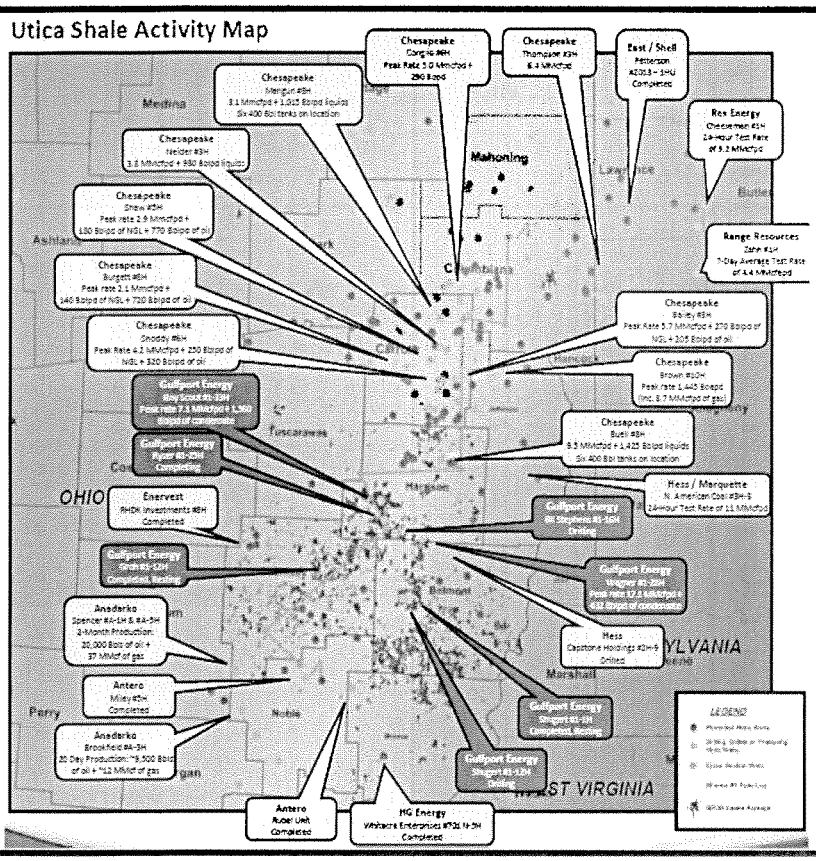
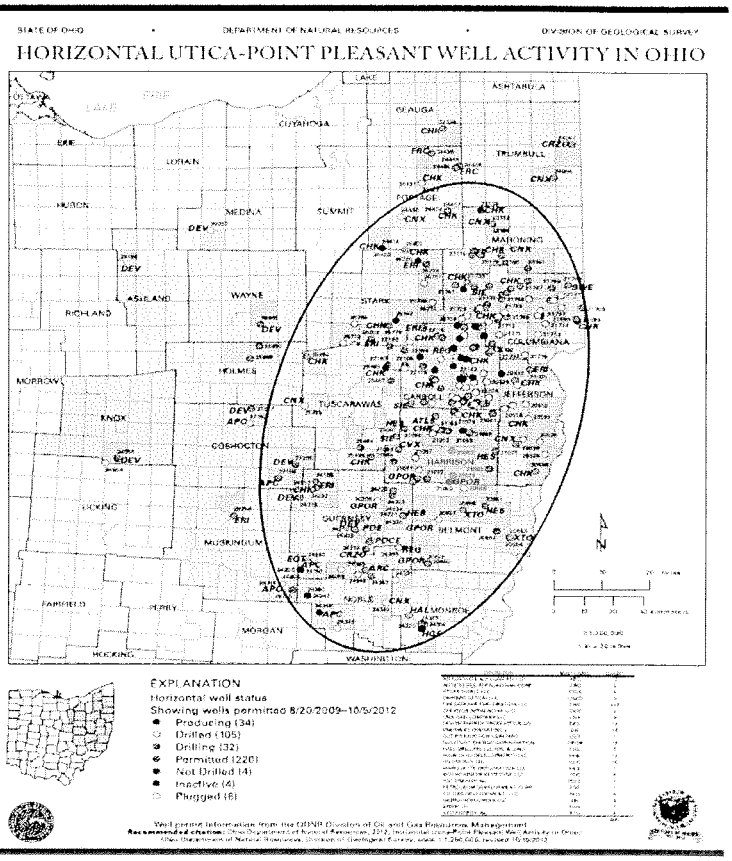
Current Utica shale activities including producing wells are concentrated in eastern Ohio counties





Source: Ohio Department of Natural Resources, Division of Geological Survey September 2012; Gulfport presentation September 2012

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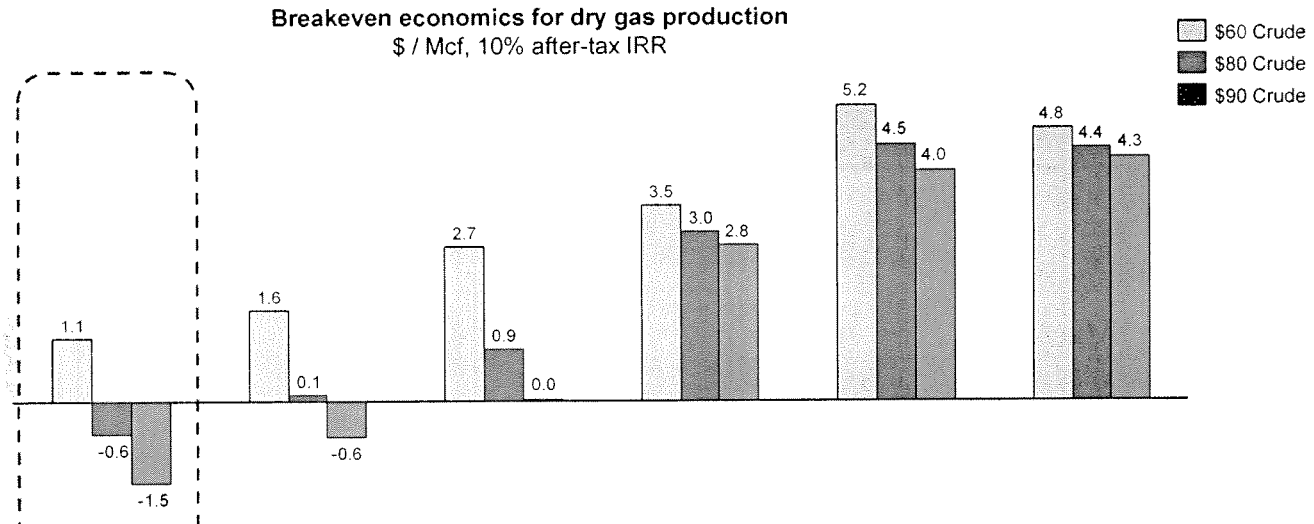
Near term (next 3 yrs) implied dry gas breakeven for selected shale basins at 10% A-T IRR assuming ethane sold @ $3.50 gas and lower NGL pricing[1]



Representative Producer	Utica Alternative Average Well	Eagle Ford Pioneer	Utica Chesapeake 2012Q1 Chesapeake	SW Marcellus (Rich Gas) Caiman	Utica Chesapeake 2012Q2 Chesapeake	SW Marcellus (Leaner Gas) Rex
30 day IP, MMcf/d	4.2	4.0	3.1	4.4	3.0	3.0
EUR, Bcf	4.2	4.0	3.1	4.4	3.0	3.0
Well costs, $ MM	$7.5	$6.8	$7.5	$5.5	$7.5	$5.25
Btu/scf	1,588	1,544	1,513	1,360	1,337	1,218
Liquids adder @ $80 crude $/MMBtu	$5.60	$5.20	$4.71	$3.06	$2.21	$1.31

[1] NGLs priced at 33% of crude (YTD2012 average)
Other key assumptions: Variable opex of $0.35/mcf for wet gas, plus $48k per year fixed opex; $0.40 gathering fee; royalty rate of 18%; proposed PA horizontal wells impact fee; NGL net of 5.2% fuel lost and ~$1.00/mcf incremental fee for processing, fractionation and transportation

Longer term implied dry gas breakeven for selected shale basins at 10% A-T IRR, assuming full ethane recovery and normal NGL pricing[2]

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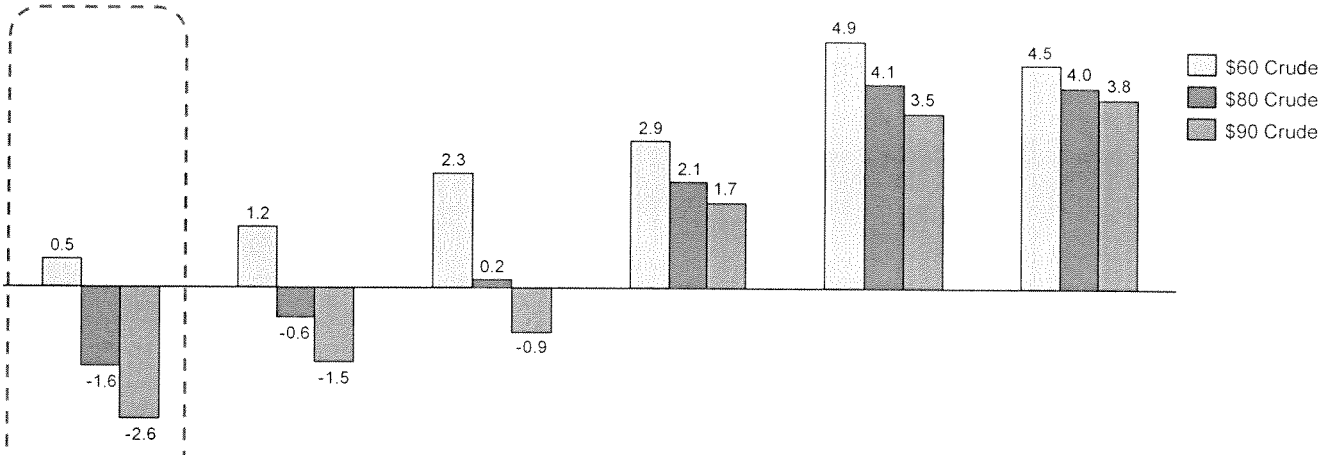
Breakeven economics for dry gas production
$ / Mcf, 10% after-tax IRR



Representative Producer	Utica Alternative Average Well	Eagle Ford Pioneer	Utica Chesapeake 2012Q1 Chesapeake	SW Marcellus (Rich Gas) Caiman	Utica Chesapeake 2012Q2 Chesapeake	SW Marcellus (Leaner Gas) Rex
30 day IP, Mmcf/d	4.4	4.0	3.1	4.4	3.0	3.0
EUR, Bcf	4.4	4.0	3.1	4.4	3.0	3.0
Well costs, $ MM	$7.5	$6.8	$7.5	$5.5	$7.5	$5.25
Btu/scf	1,588	1,544	1,513	1,360	1,337	1,218
Liquids adder @$80 crude $/MMBtu	$6.10	$5.62	$5.08	$4.11	$2.52	$2.12

[1] NGLs priced at 49% of crude (2010/2011 average)
Other key assumptions: Variable opex of $0.35/mcf for wet gas, plus $48k per year fixed opex; $0.40 gathering fee; royalty rate of 18%; proposed PA horizontal wells impact fee; NGL net of 5.2% fuel lost and ~$1.00/mcf incremental fee for processing, fractionation and transportation

Additional details on uplift from liquids at $80/bbl crude and liquids pricing at average of 2010 – 2011 levels (longer – term estimate)

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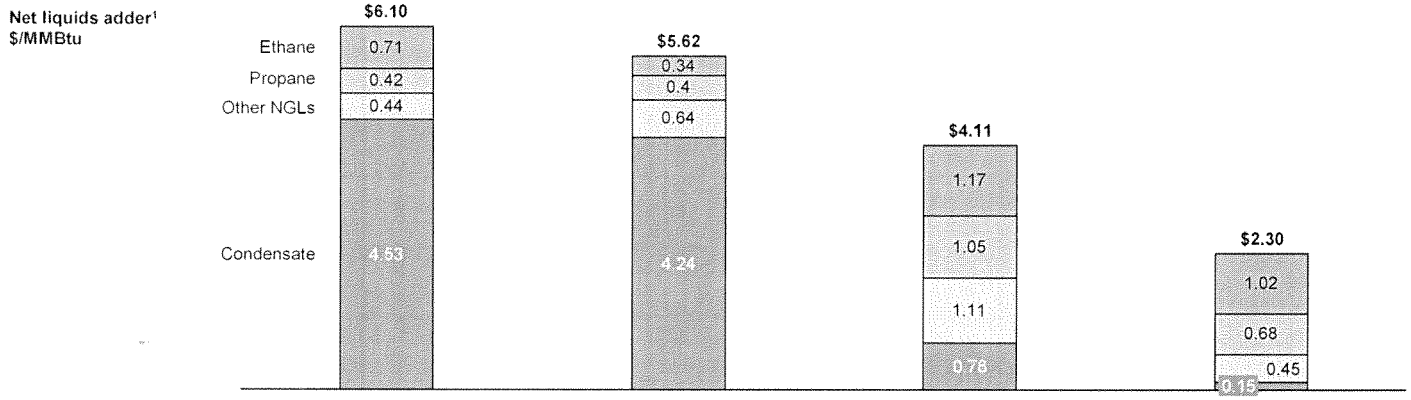

	Utica Alternative Average Well	Eagle Ford	SW Marcellus (Rich Gas)	SW Marcellus (Leaner Gas)
Representative Producer	N/A	Pioneer	Caiman	Rex
Total Btu/scf	1,588	1,544	1,360	1,218
Total gallons/mcf (GPM)	7.30	6.30	7.29	5.34
Condensate (GPM)	3.90	3.65	0.63	0.13
NGL (GPM)	3.40	2.65	6.66	5.21
Ethane in NGL	60%	50%	62%	69%
Condensate	32%	31%	6%	1%
NGL	17%	14%	38%	31%
Natural Gas	51%	55%	56%	68%
Total (Heat Content)	100%	100%	100%	100%

1. NGLs priced at 49% of crude (2010/2011 average)

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Details on current producing wells in the Utica

	Company	Well Name	State	County	Production Date	Permit Date	30 Day IP(Est. from Producer Report) Oil (bbl/d)	NGL (bbl/d)	Gas (mmcf/d)	Total (boe/d)	A-T IRR*	Implied dry gas breakeven
Wet Window	Gulfport	Boy Scout 1-33H	OH	Harrison	9/1/2012	4/27/2012	1,248	806	5.7	3,006	175%	
	Gulfport	Wagner 1-28H	OH	Harrison	8/5/2012	2/28/2011	346	1,505	13.7	4,139	109%	
	Chesapeake	Buell 8H	OH	Harrison	6/14/2011	12/23/2010	570	570	11.0	2,977	91%	
	EV Energy	Cairns 5H	OH	Carroll		1/4/2012	583	470	1.8	1,354	53%	
	Chesapeake	Shaw 5H	OH	Carroll	1/17/2012	6/1/2011	616	144	2.3	1,147	46%	
	Chesapeake	Neider 3H	OH	Carroll	8/25/2011	3/28/2011	392	392	4.3	1,502	38%	
	Chesapeake	Burgett 8H	OH	Carroll	1/17/2012	6/27/2011	576	112	1.7	969	38%	
		Alternative Repre.	**OH**				**401**	**364**	**4.2**	**1,462**	**37%**	
	Chesapeake	Mangun 8H	OH	Carroll	7/24/2011	1/31/2011	406	406	2.5	1,226	33%	
	Chesapeake	**2012Q1 Repre. Well**	**OH**				**332**	**208**	**3.1**	**1,058**	**21%**	
	Chesapeake	Snoddy 6H	OH	Carroll		12/15/2011	256	200	3.4	1,024	16%	$ 2.2
	Chesapeake	Bailey 3H	OH	Carroll	6/19/2012	11/30/2011	216	164	4.6	1,148	15%	$ 2.7
	Rex	Brace #1H	OH	Carroll			228	376	1.6	871	14%	
	EV Energy	Frank 2H	OH	Stark		6/2/2011	288	250	1.0	705	13%	
	Chesapeake	Coniglio 6H	OH	Carroll			232	0	4.0	900	10%	$ 3.4
	Chesapeake	**2012Q2 Repre. Well**	**OH**				**164**	**129**	**3.0**	**794**	**6%**	**$ 4.5**
	Chesapeake	Harvey 8H	OH	Carroll	10/16/2011	3/28/2011	41	41	2.5	500	-6%	$ 8.6
	Chesapeake	Bucey 3H	OH	Carroll	9/30/2011	3/9/2011	20	20	2.5	458	-9%	$ 9.3
	Chesapeake	West 3H	OH	Carroll	2/14/2012	6/8/2011						
	Chesapeake	Sanor Farms 3H	OH	Columbiana	5/10/2012	7/15/2011						
	Chesapeake	Bailey 6H	OH	Carroll	6/22/2012	8/24/2011						
Oil Window	Anadarko	Spencer A-1H	OH	Guernsey	2/19/2012	9/12/2011	466		0.4	533	18%	
	Anadarko	Spencer A-5H	OH	Guernsey	2/19/2012	11/14/2011	466		0.4	533	18%	
	Anadarko	**Representative Well**	**OH**				**372**		**0.5**	**456**	**11%**	
	Anadarko	Brookfield A-3H	OH	Noble		12/15/2011	184		0.6	284	-1%	
Dry Window	Gulfport	Shugert 1H	OH	Belmont			115	1,602	16.0	4,389	90%	
	Marquette	N. American Coal #3H	OH	Jefferson					8.8	1,470	23%	$ 2.7
	Rex	Cheeseman 1H	PA	Butler					7.4	1,229	19%	$ 2.8
	Chesapeake	Brown 10H	OH	Jefferson		7/22/2011			7.0	1,169	17%	$ 2.9
	Rex	**Representative Well**	**PA**	**Butler**					**6.0**	**1,002**	**13%**	**$ 3.2**
	Chesapeake	Thompson 3H	PA	Beaver					5.1	855	8%	$ 3.7
	Range	Zahn 1H	PA	Beaver					3.7	625	2%	$ 4.6

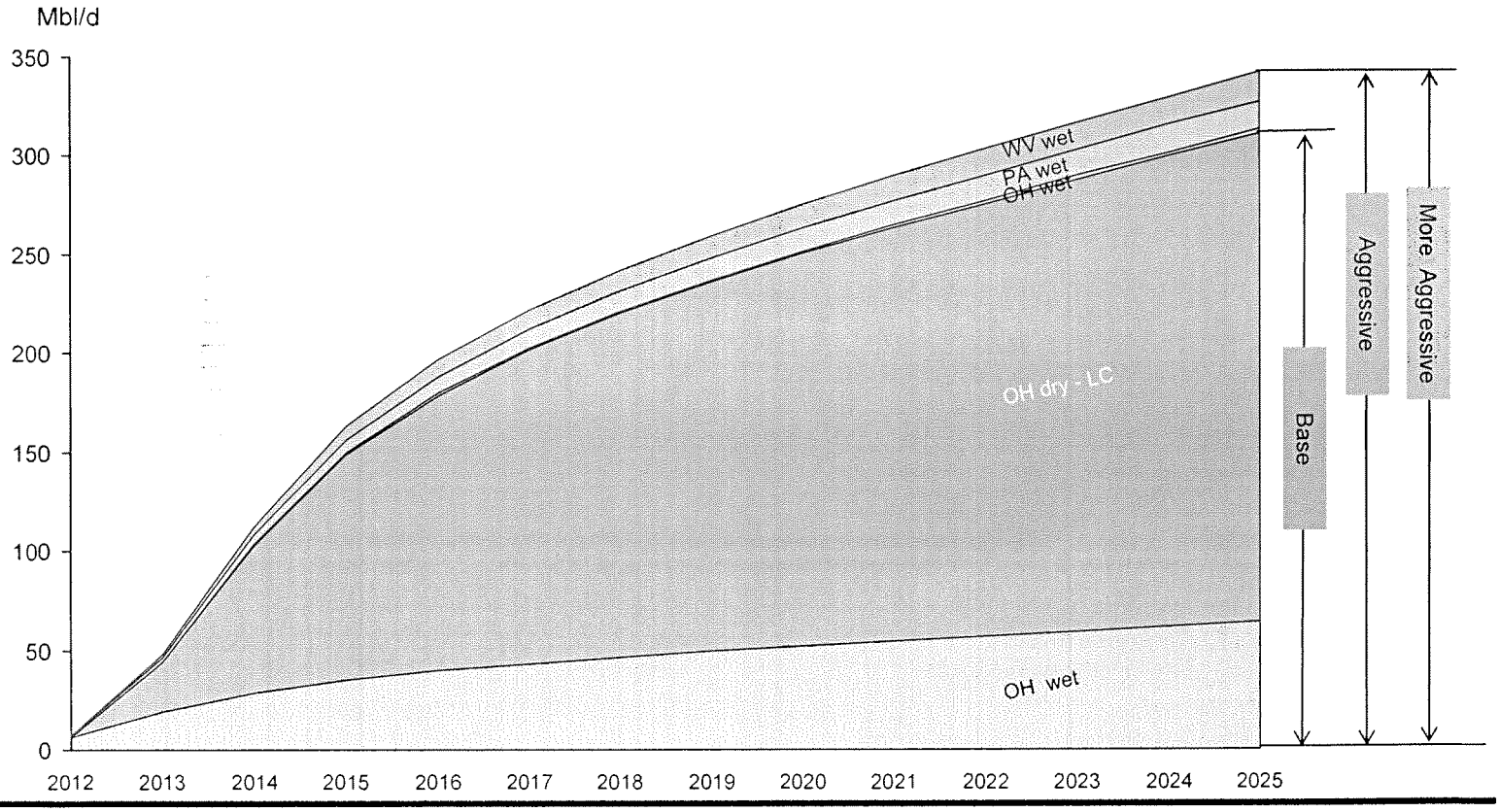
Source: Ohio Department of Environmental Protection and producer news release up to 09/20/2012

* Assumes $80/bbl crude price, $3.5 natural gas price, ethane sold as $3.5 gas, and NGLs priced at 33% of crude (2012 YTD average)

** At 10% A-T IRR

DTE Energy

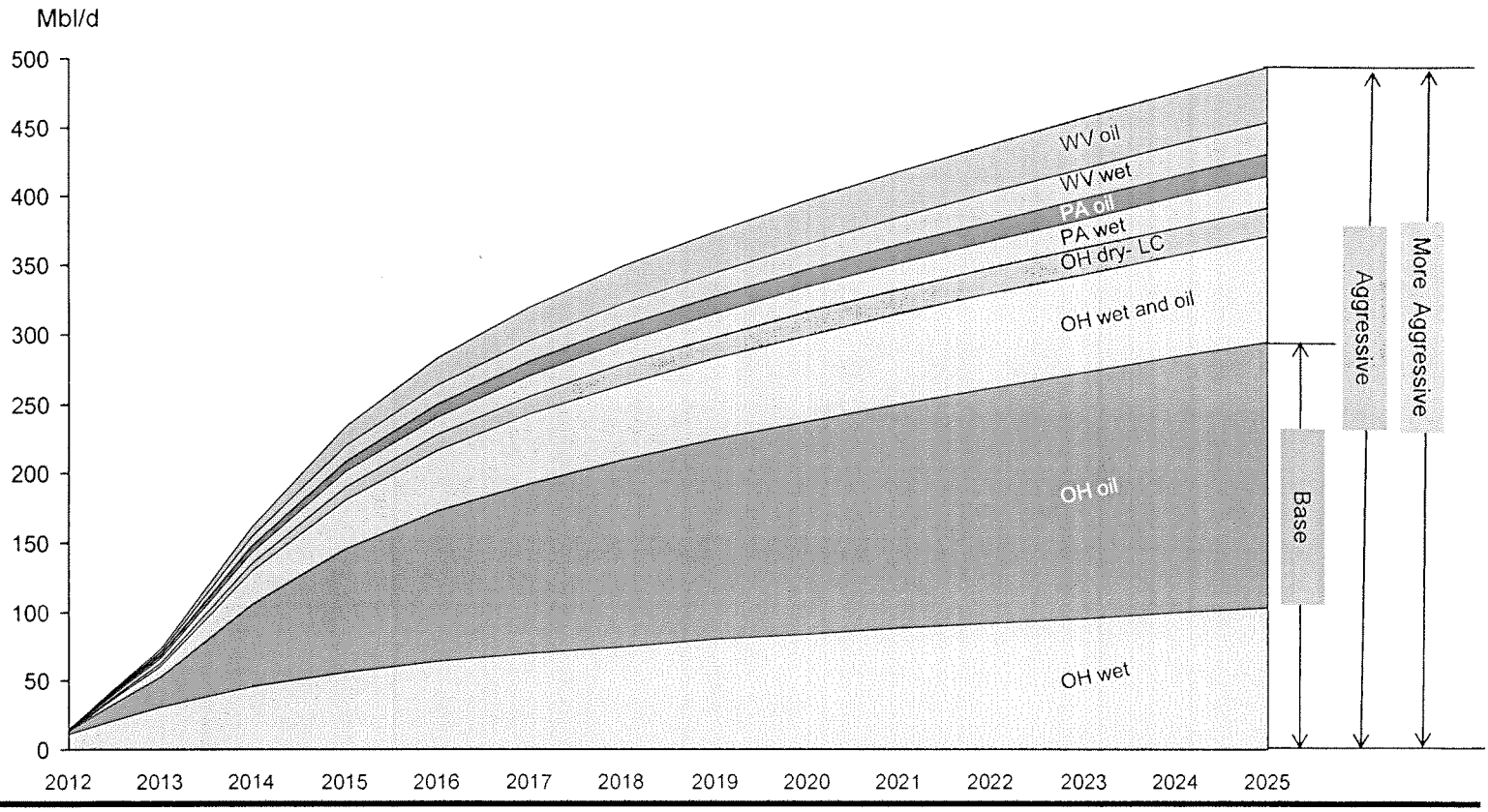
Most of Utica NGL production is expected to come from Ohio and could reach ~250 Mbl/d by 2020 and ~300 Mbl/d by 2025 in our base case



Source: DTE Market Intelligence Modeling

DTE Energy

Utica oil production could reach ~250 Mbl/d by 2020 and over 300 Mbl/d by 2025 in our base case



Source: DTE Market Intelligence Modeling

DTE Energy

Details on how we estimated Utica resource potential

State	Wet Acreage	Est Drilling Density	Unrisked Undrilled Wells	Success Factor	Risked Undrilled Wells	Wells Already Drilled	Risked Net Undrilled Wells	Gas EUR (Bcf)	NGL EUR (MBbl)	Oil EUR (MBbl)	Gas Reserve (Bcf)	NGL Reserve (MMBbl)	Oil Reserve (MMBbl)
OH	762,917	160	4,768	60%	2,838	75	2,763	3.6	166	266	9,891	459	739
PA	1,002,105	160	6,263	16%	996		996	2.5	166	266	2,489	165	265
WV	707,672	160	4,423	15%	663		663	2.5	166	266	1,659	110	176
Total	**2,472,694**	**160**	**15,454**	**29%**	**4,497**	**75**	**4,422**	**2.9**	**166**	**266**	**14,039**	**734**	**1,180**

State	Oil Acreage	Est Drilling Density	Unrisked Undrilled Wells	Success Factor	Risked Undrilled Wells	Wells Already Drilled	Risked Net Undrilled Wells	Gas EUR	NGL EUR	Oil EUR	Gas Reserve (Bcf)	NGL Reserve (MMBbl)	Oil Reserve (MMBbl)
OH	4,518,803	160	28,243	43%	13,365	6	13,359	0.5		298	6,679		3,976
PA	389,616	160	2,435	16%	387		387	0.5		298	194		115
WV	1,463,757	160	9,149	15%	1,372		1,372	0.5		298	687		409
Total	**6,372,176**	**160**	**39,827**	**63%**	**15,124**	**6**	**16,118**	**0.5**		**298**	**7,559**		**4,500**

State	Dry Acreage	Est Drilling Density	Unrisked Undrilled Wells	Success Factor	Risked Undrilled Wells	Wells Already Drilled	Risked Net Undrilled Wells	Gas EUR	NGL EUR	Oil EUR	Gas Reserve (Bcf)	NGL Reserve (MMBbl)	Oil Reserve (MMBbl)
OH	1,046,800	160	6,542	61%	3,970		3,970	5.8	460	38	23,175	3,390	283
PA	5,092,156	160	31,826	26%	8,315		8,315	2.5			38,462		
WV	5,712,526	160	35,703	11%	3,898		3,898	2.0			7,796		
Total	**11,851,482**		**74,072**	**19%**	**16,183**		**16,183**	**4.0**	**460**	**38**	**69,433**	**3,390**	**283**

Source: DTE Market Intelligence Modeling

DTE Energy

Additional details on how Utica resource potential for the Ohio wet window was developed

															Unrisked Undrilled		
State	County	Total Square Miles	Population Density	Available for drilling	Federal Land	Non Core Area	Net Acreage	% Wet Window	% Oil Window	% Dry Window	Wet Acreage	Oil Acreage	Dry Acreage	Est Drilling Density	Wet	Oil	Dry
		Sq Mi	Person/sq mi	%	%	%	Acres	%	%	%	Acres	Acres	Acres	Acres/Well	Wells	Wells	Wells
OH	Harrison	402	39	100%	10%	0%	231,748	45%	10%	45%	104,287	23,175	104,287	160	652	145	652
OH	Jefferson	408	171	95%	10%	0%	223,438	0%	0%	100%	0	0	223,438	160	0	0	1,396
OH	Belmont	532	132	95%	15%	0%	275,005	5%	0%	95%	13,750	0	261,255	160	86	0	1,633
OH	Columbiana	532	203	95%	5%	0%	307,220	20%	30%	50%	61,444	92,166	153,610	160	384	576	960
OH	Carroll	395	73	100%	5%	0%	239,923	80%	15%	5%	191,938	35,988	11,996	160	1,200	225	75
OH	Monroe	456	32	100%	25%	0%	218,746	0%	8%	92%	0	17,500	201,246	160	0	109	1,258
OH	Washington	632	98	100%	25%	25%	202,230	57%	3%	40%	115,271	6,067	80,892	160	720	38	506
OH	Noble	398	37	100%	15%	0%	216,512	70%	30%	0%	151,558	64,954	0	160	947	406	0
OH	Mahoning	412	580	90%	15%	0%	201,529	35%	60%	5%	70,535	120,917	10,076	160	441	756	63
OH	Guernsey	522	77	100%	5%	0%	317,528		100%		0	317,528	0	160	0	1,985	0
OH	Trumbull	618	340	95%	20%	0%	300,741	18%	82%	0%	54,133	246,608	0	160	338	1,541	0
OH	Muskingum	665	130	95%	20%	0%	323,252		100%		0	323,252	0	160	0	2,020	0
OH	Tuscaraw as	568	163	95%	10%	0%	310,613		100%		0	310,613	0	160	0	1,941	0
OH	Coshocton	564	65	100%	15%	0%	306,767		100%		0	306,767	0	160	0	1,917	0
OH	Stark	575	653	90%	15%	0%	281,520		100%		0	281,520	0	160	0	1,760	0
OH	Licking	683	244	95%	20%	20%	265,574		100%		0	265,574	0	160	0	1,660	0
OH	Fairfield	504	290	95%	15%	0%	260,679		100%		0	260,679	0	160	0	1,629	0
OH	Holmes	423	100	95%	5%	0%	244,059		100%		0	244,059	0	160	0	1,525	0
OH	Wagne	555	206	95%	15%	20%	229,430		100%		0	229,430	0	160	0	1,434	0
OH	Ashtabula	702	145	95%	15%	0%	362,757		100%		0	362,757	0	160	0	2,267	0
OH	Knox	525	116	95%	10%	50%	143,774		100%		0	143,774	0	160	0	899	0
OH	Portage	487	331	95%	15%	0%	251,878		100%		0	251,878	0	160	0	1,574	0
OH	Morgan	416	36	100%	0%	60%	106,604		100%		0	106,604	0	160	0	666	0
OH	Geauga	400	233	95%	5%	10%	208,019		100%		0	208,019	0	160	0	1,300	0
OH	Lake	227	1011	60%	10%	50%	39,310		100%		0	39,310	0	160	0	246	0
OH	Summit	413	1312	60%	80%	5%	30,114		100%		0	30,114	0	160	0	188	0
OH	Cuyahoga	788	2800	40%	0%	95%	10,092		100%		0	10,092	0	160	0	63	0
		21,315					6,328,520				762,917	4,518,803	1,046,800		4,768	28,243	6,542

Source: DTE Market Intelligence Modeling

DTE Energy

Additional details on how Utica resource potential for the Ohio wet window was developed (cont'd)

		Success Factor			Risked Net Undrilled			Gas EUR					Gas Resources Potential					
State	County	Wet	Oil	Dry	Wet	Oil	Dry	Wet	Oil	Dry	NGL EUR	Oil EUR	Wet	Oil	Dry	Total Gas	NGL Resources Potential	Oil Resources Potential
				%	Wells	Wells	Wells	Bcfe	Bcfe	Bcfe	MBl	MBl	Bcf	Bcf	Bcf	Bcf	MMBl	MMBl
OH	Harrison	75%	50%	75%	485	72	489	7.0	0.5	7.0	166	266	3,394	36	3,422	6,852	80	129
OH	Jefferson	75%	50%	75%	0	0	1,047	5.0	0.5	6.0	166	266	0	0	6,284	6,284	0	0
OH	Belmont	60%	45%	60%	52	0	980	5.0	0.5	6.0	166	266	258	0	5,878	6,136	9	14
OH	Columbiana	60%	45%	60%	219	259	576	3.0	0.5	6.0	166	266	658	130	3,456	4,244	36	58
OH	Carroll	75%	50%	75%	860	112	56	3.5	0.5	5.0	166	266	3,009	56	281	3,346	143	229
OH	Monroe	45%	45%	45%	0	49	566	4.0	0.5	5.0	166	266	0	25	2,830	2,855	0	0
OH	Washington	45%	45%	45%	324	17	228	2.5	0.5	4.0	166	266	811	9	910	1,729	54	86
OH	Noble	60%	50%		565	203	0	2.0	0.5	0.0	166	266	1,131	101	0	1,232	94	150
OH	Mahoning	45%	43%	45%	197	325	28	2.6	0.5	4.0	166	266	513	162	113	789	33	53
OH	Guernsey		60%		0	1,187	0		0.5	0.0	0	298	0	593	0	593	0	353
OH	Trumbull	23%	40%		76	617	0	2.3	0.5	0.0	166	266	175	308	0	483	13	20
OH	Muskingum		45%		0	909	0		0.5		0	298	0	455	0	455	0	271
OH	Tuscaraw as		45%		0	873	0		0.5		0	298	0	436	0	436	0	260
OH	Coshocton		45%		0	863	0		0.5		0	298	0	431	0	431	0	257
OH	Stark		45%		0	792	0		0.5		0	298	0	396	0	396	0	236
OH	Licking		45%		0	747	0		0.5		0	298	0	373	0	373	0	222
OH	Fairfield		45%		0	733	0		0.5		0	298	0	367	0	367	0	218
OH	Holmes		45%		0	686	0		0.5		0	298	0	343	0	343	0	204
OH	Wagne		45%		0	645	0		0.5		0	298	0	323	0	323	0	192
OH	Ashtabula		23%		0	510	0		0.5		0	298	0	255	0	255	0	152
OH	Knox		45%		0	404	0		0.5		0	298	0	202	0	202	0	120
OH	Portage		23%		0	354	0		0.5		0	298	0	177	0	177	0	105
OH	Morgan		45%		0	300	0		0.5		0	298	0	150	0	150	0	89
OH	Geauga		23%		0	293	0		0.5		0	298	0	146	0	146	0	87
OH	Lake		23%		0	55	0		0.5		0	298	0	28	0	28	0	16
OH	Summit		23%		0	42	0		0.5		0	298	0	21	0	21	0	13
OH	Cuyahoga		23%		0	14	0		0.5		0	298	0	7	0	7	0	4
					2,779	11,259	3,970						9,948	5,629	23,175	38,753	461	3,597

Source: DTE Market Intelligence Modeling

DTE Energy

Details on how much Utica resource gets developed under our 3 scenarios

Resource Potential

Scenario1: Base Case

	Gas (Bcf)			NGL (MMBl)			Oil (MMBl)		
State	Wet Window	Oil Window	Dry Window	Wet Window	Oil Window	Dry Window	Wet Window	Oil Window	Dry Window
OH	9,773	4,208	23,175	449		3,390	719	2,504	283
Total	37,156			3,839			3,506		

Wells to Drill

	Gas (Wells)		
State	Wet Window	Oil Window	Dry Window
OH	2,702	8,416	3,970
Total	11,118		

Scenario2: Aggressive

	Gas (Bcf)			NGL (MMBl)			Oil (MMBl)		
State	Wet Window	Oil Window	Dry Window	Wet Window	Oil Window	Dry Window	Wet Window	Oil Window	Dry Window
OH	9,948	6,679	23,175	461		3,390	739	3,976	283
PA	2,489	194	8,477	165			265	115	
WV	1,659	687		110			176	409	
SubTotal	14,096	7,560	31,652	737		3,390	1,180	4,500	283
Total	53,308			4,127			5,963		

	Gas (Wells)		
State	Wet Window	Oil Window	Dry Window
OH	2,779	13,359	3,970
PA	996	388	2,649
WV	663	1,373	
SubTotal	4,438	15,120	3,970
Total	23,527		

Scenario3: More Aggressive

	Gas (Bcf)			NGL (MMBl)			Oil (MMBl)		
State	Wet Window	Oil Window	Dry Window	Wet Window	Oil Window	Dry Window	Wet Window	Oil Window	Dry Window
OH	9,948	6,679	23,175	461		3,390	739	3,976	283
PA	2,489	194	38,462	165			265	115	
WV	1,659	687	7,796	110			176	409	
SubTotal	14,096	7,560	69,433	737		3,390	1,180	4,500	283
Total	91,089			4,127			5,963		

	Gas (Wells)		
State	Wet Window	Oil Window	Dry Window
OH	2,779	13,359	3,970
PA	996	388	8,315
WV	663	1,373	3,898
SubTotal	4,438	15,120	16,183
Total	35,740		

Source: DTE Market Intelligence Modeling

DTE Energy

ENBRIDGE

Spectra Energy

NEXUS

GAS TRANSMISSION

Bringing New Supplies to Dawn

November 1, 2012

CONFIDENTIAL

Agenda

NEXUS GAS TRANSMISSION

Project introduction

Gas Supply Changes

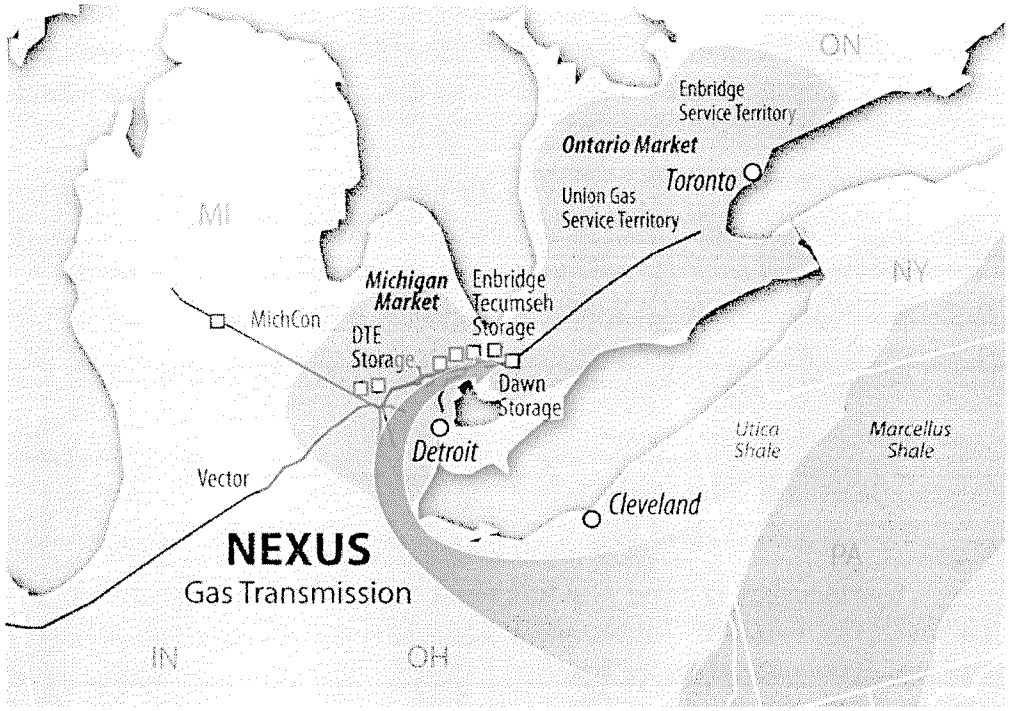
The need for more Supply to Dawn

Northeast and Utica gas supply

Recommendation

Next Steps & Follow up

Overview of NEXUS Gas Transmission



- New pipeline to connect Utica and Marcellus supply in Ohio to U.S. Midwest and Dawn markets
- Strong development partners - DTE Energy, Enbridge and Spectra
- 250 mile, large diameter pipeline delivering at least 1 Bcf/d
- In service by November 2016
- Uses existing infrastructure and utility corridors
- Firm path to Dawn Hub with interconnects to major markets – MichCon, Consumers, Vector, Enbridge Tecumseh and Union Dawn and potential interconnects in Ohio
- Interest in firm capacity to anchor the project

NEXUS Gas Transmission - Details

NEXUS GAS TRANSMISSION

Supply Access

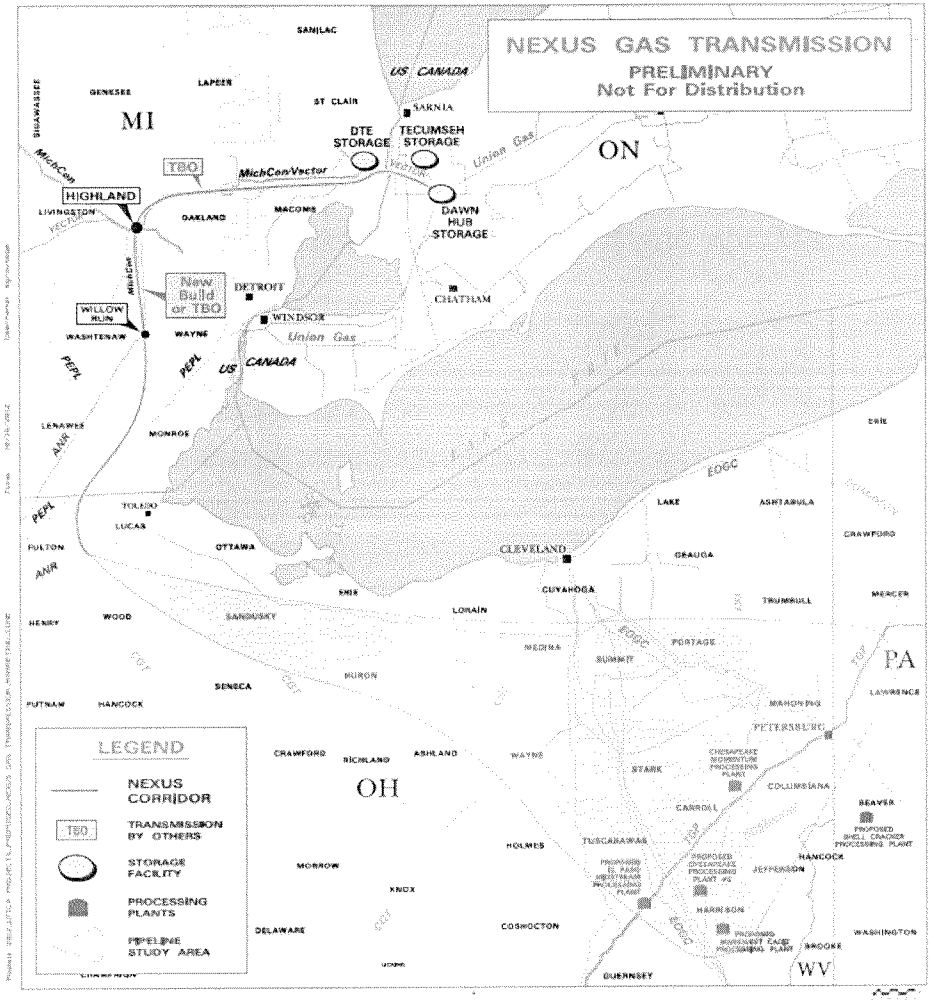
- Central Receipt Point (CRP) in Northeastern Ohio (TBD)
  - Interconnect with Tennessee Gas Pipeline
  - Potentially multiple laterals from processing plants or gathering systems to the CRP, priced separately

Market Access

- Two delivery zones
  - Michigan Zone includes MichCon, Consumers and Vector
  - Ontario Zone includes Tecumseh Storage and the Dawn Hub
- Access to in-path power and LDC markets in Ohio
- Possible interconnects with pipeline network in Ohio - Tennessee, East Ohio, Dominion, TCO, Panhandle, ANR

Pipeline Details

- 250 miles from CRP to Michigan Delivery Zone,
  - All of this is new build, primarily in existing utility corridors
  - 36", high pressure pipeline (1200# - 1440# MAOP)
- 330 miles from CRP to Ontario Delivery Zone,
  - Last 80 miles is primarily expansion of existing facilities
  - No new international river crossing required
- In service as early as November 2016



Agenda

NEXUS GAS TRANSMISSION

Project introduction

Gas Supply Changes

The need for more Supply to Dawn

Northeast and Utica gas supply

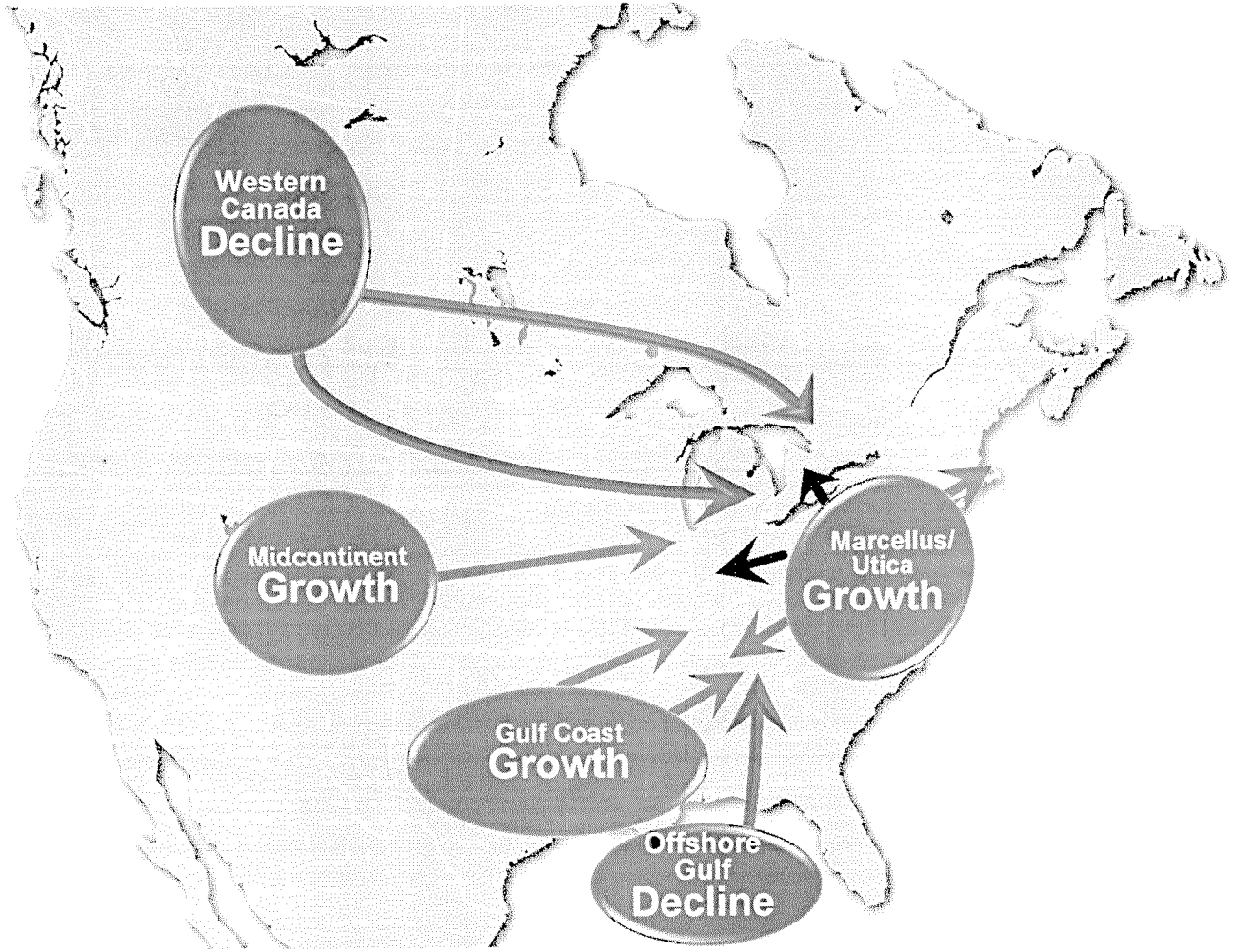
Recommendation

Next Steps & Follow up

North American Gas Supply Changes

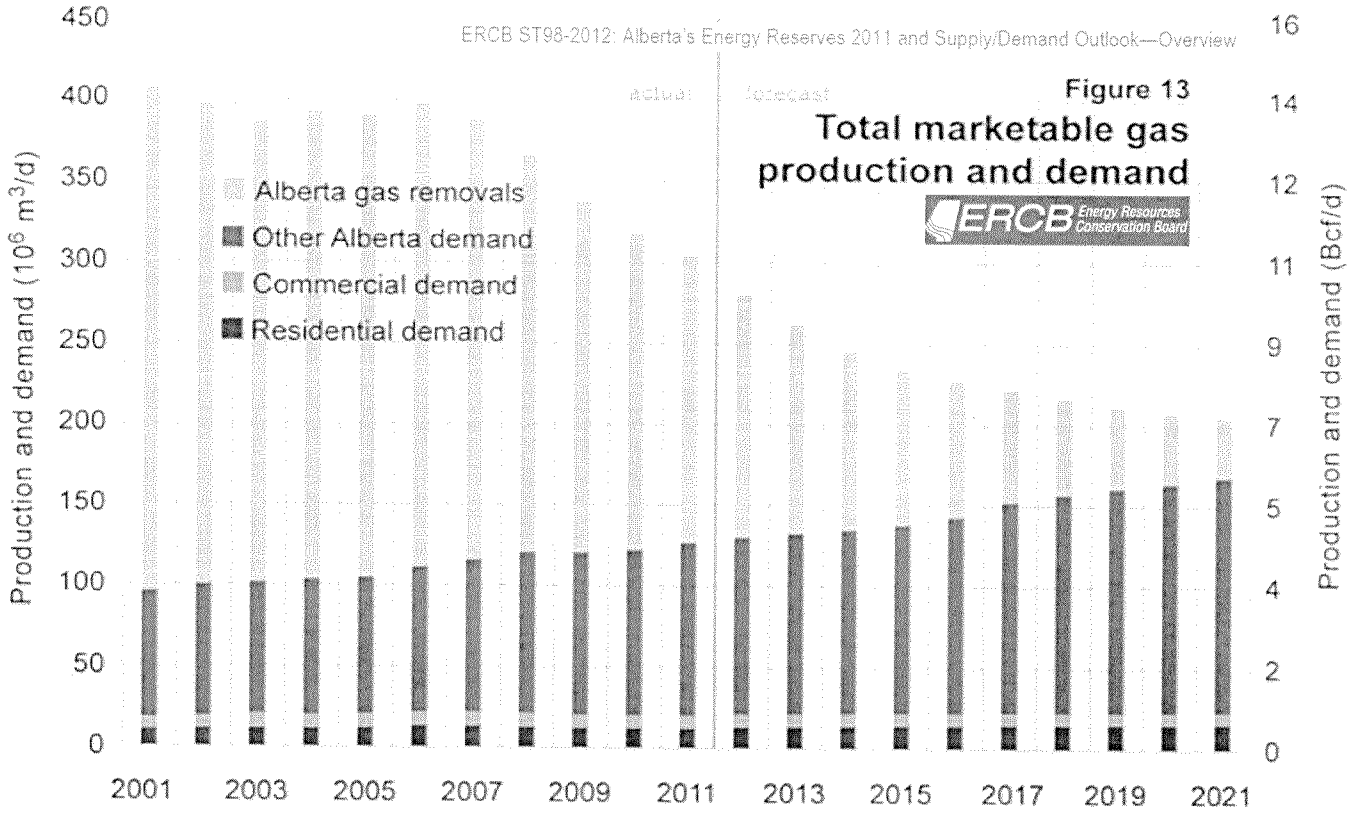
Supply changes create challenges & opportunities

NEXUS GAS TRANSMISSION



Alberta Gas Supply Changes

Regional demand to consume majority of forecasted production

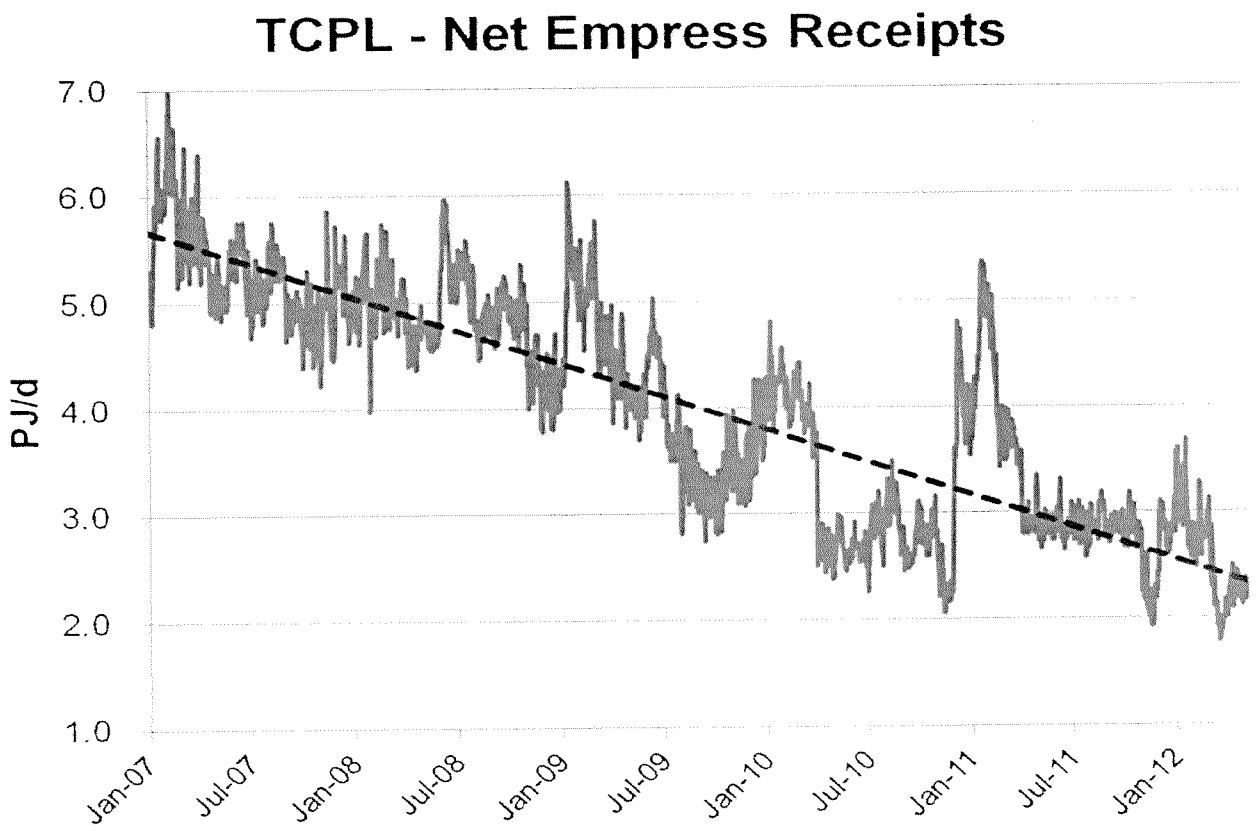


By 2017, less than 2.5 Bcf/d available for export out of Alberta

Changing Flows on TCPL

Declining trend impacting downstream markets

NEXUS GAS TRANSMISSION

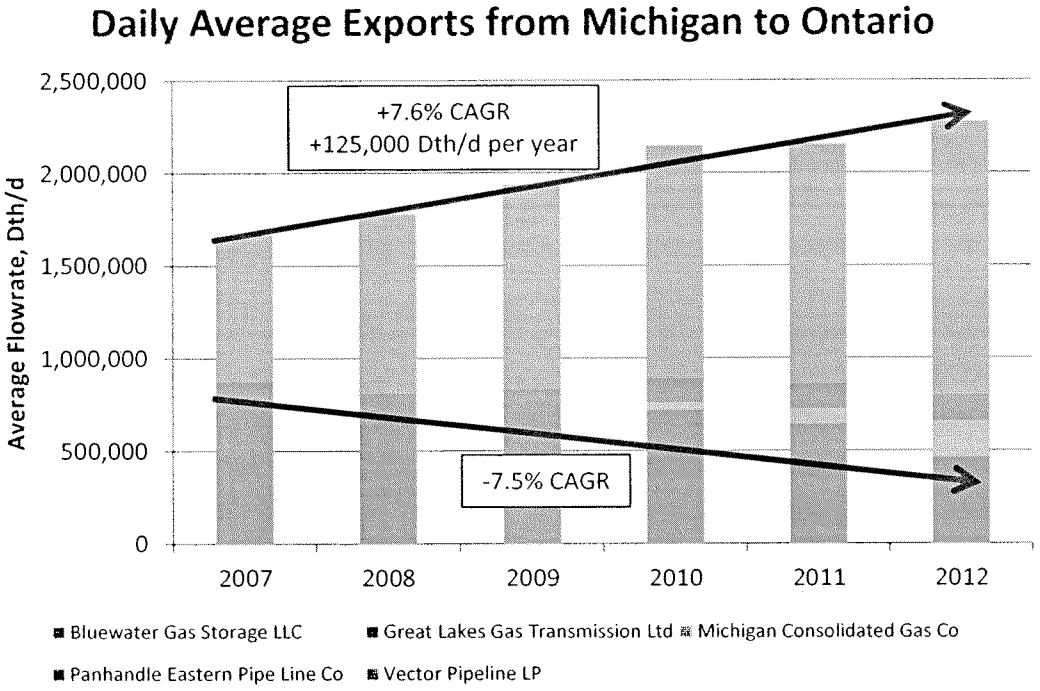


Flows from Alberta into the TCPL mainline have declined significantly, reducing supply available to Midwest U.S. and Eastern Canada

Changing flows from Michigan into Ontario

GLGT ↓ - Vector ↑; All other interconnections ↑

NEXUS GAS TRANSMISSION



- Approximately 2.2 Bcf/d flows from Michigan to Dawn
- Since 2007, this has been growing by 125,000 Dth/d on average each year, equating to a 7.6% compounded annual growth rate
- Deliveries from Western Canada to Ontario are declining and forecasted to continue that trend
- A new pipeline from Ohio has the opportunity to serve a large portion of this market

There is significant and growing demand for supply in Michigan and Ontario

Agenda

NEXUS GAS TRANSMISSION

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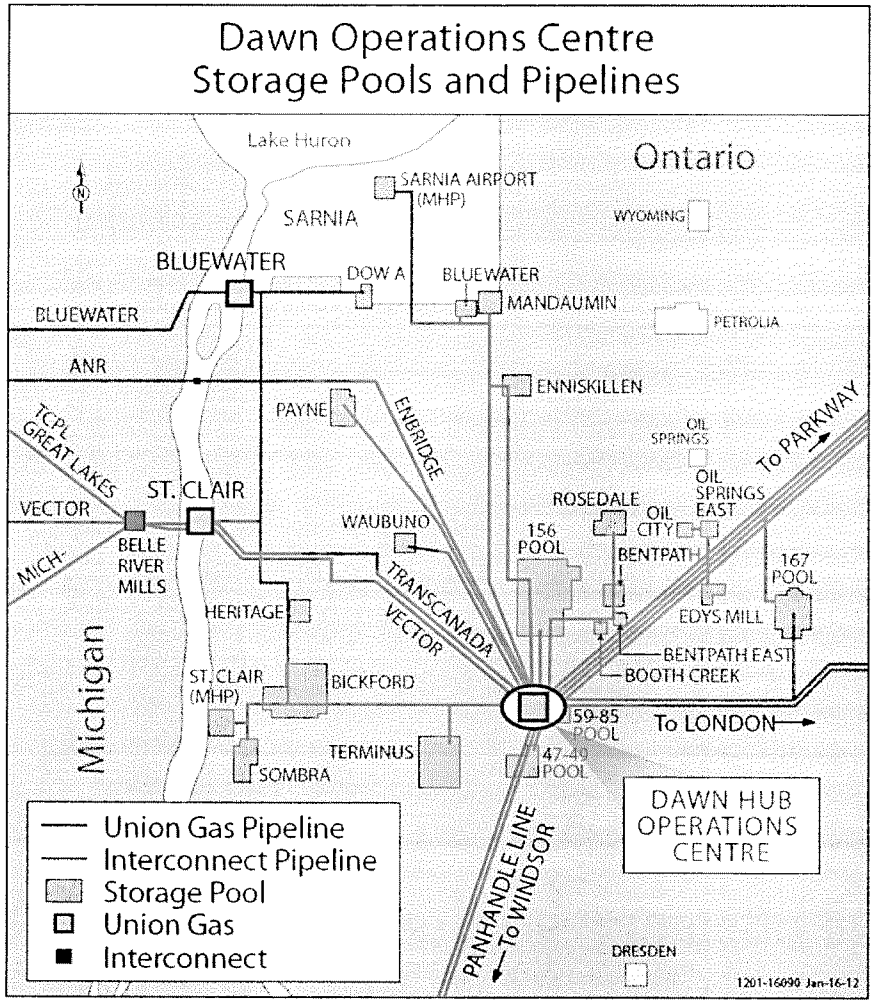
Recommendation

Next Steps & Follow up

The Dawn Hub

3rd highest physically traded Hub in North America

NEXUS GAS TRANSMISSION



> 100 companies active at Dawn
~ 10 Bcf/d of total trading activity
> 1Bcf/d of trading activity on the daily index
~ 3 Bcf/d OTC activity in 2011

6 of North Americas top 10 marketers active at Dawn
Price transparency with fixed price, index & basis products offered
Integrated storage facility marketing 100 Bcf of non-utility & managing 94 Bcf of utility space
> 6 Bcf/d Output from Dawn Storage
Interconnecting pipelines include:

- TCPL, Panhandle, Vector, GLGT, MichCon & Bluewater

Transmission pipe takeaway capacity of :

- 2.5 Bcf/d at Parkway
- 2.0 Bcf/d at Kirkwall
- 0.2 Bcf/d of Backhaul on Vector
- 0.5 Bcf/d of Backhaul on GLGT

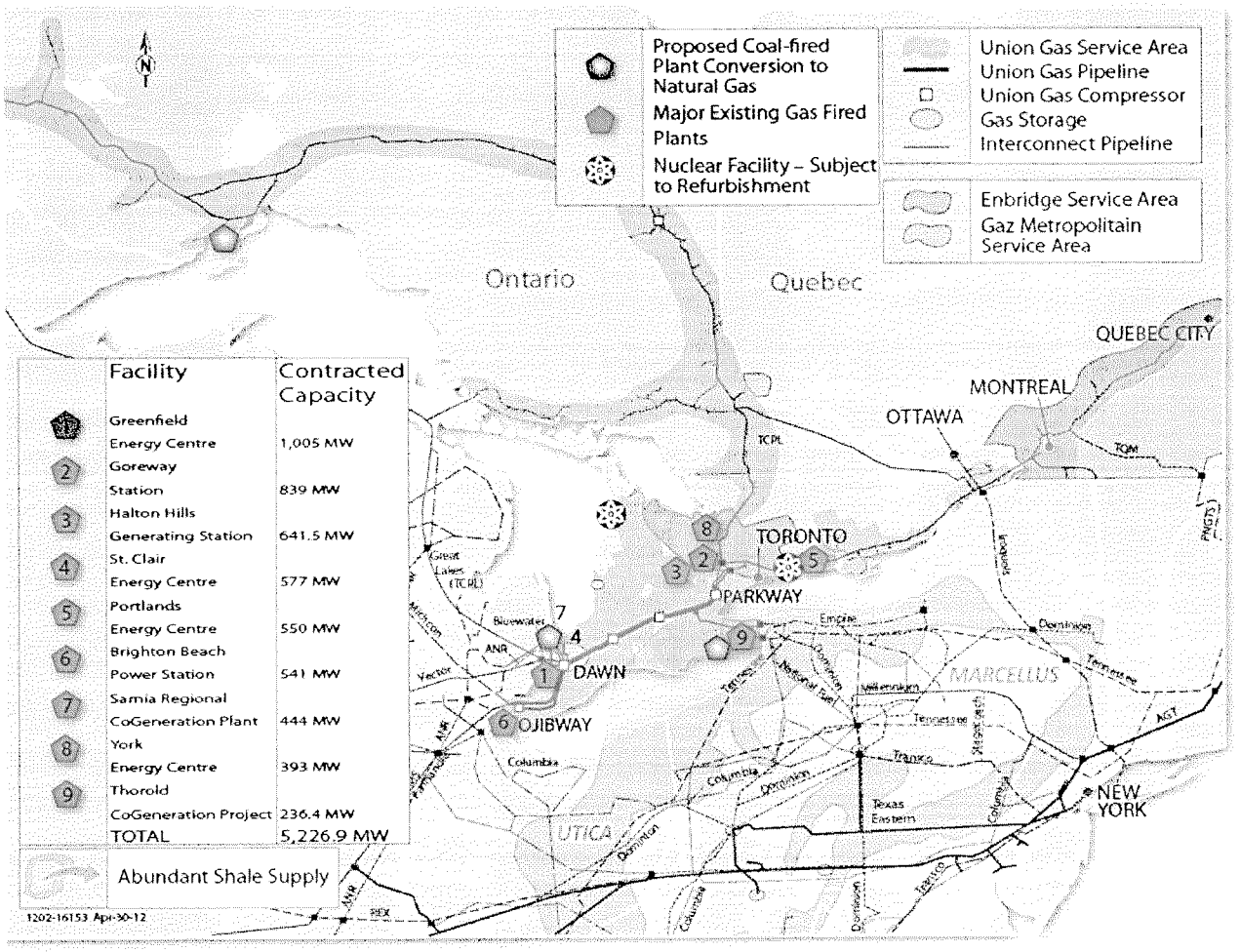
Serving over 5,000 MW of gas-fired power generation with potential for > 2,500 MW of further coal to gas conversion by 2014

Natural Gas Demand in Ontario and Quebec

Served by Union Gas, Enbridge and Gaz Metro

NEXUS GAS TRANSMISSION

- Ontario consumes > 1.0 Tcf annually
- Forecasting unprecedented growth in power, industrial & mining applications driven by low gas prices
- Utilities transport over 1.4 Tcf/y of natural gas through a combined 66,923 miles of transmission & distribution pipeline
- Serving more than 3.6 million retail and industrial customers and natural gas fired power plants
- Yet – **Gas arriving in Ontario is declining!**



Agenda

NEXUS GAS TRANSMISSION

Project introduction

Gas Supply Changes

The need for more Supply to Dawn

Northeast and Utica gas supply

Recommendation

Next Steps & Follow up

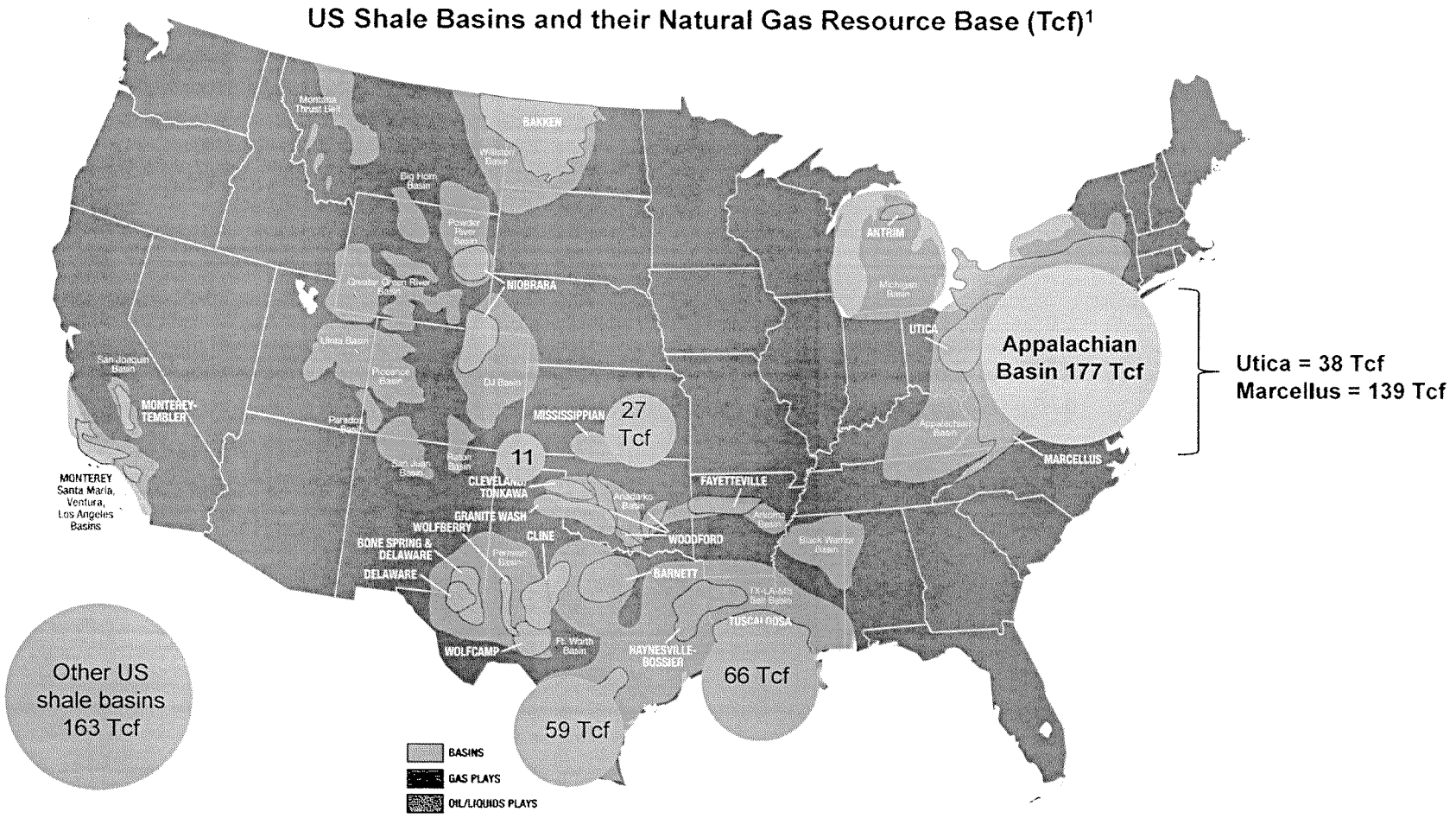
NEXUS Gas Transmission will provide a pathway for natural gas supply from the Northeast US to reach Dawn

NEXUS GAS TRANSMISSION

- The Ohio region has access to prolific gas supplies & is well connected to infrastructure in the region
- The Northeast US Appalachian Basin, with the Marcellus and Utica Shales, has the largest natural gas resource base of any US shale basin
- Natural gas from the Utica Shale is among the lowest cost supplies available, and very economically attractive
- Utica and Marcellus natural gas supply is well located to serve large demand centers, including Michigan, Ohio, and Ontario
- As a result, producers are investing heavily in development of the Utica, and production is likely to ramp up quickly and aggressively
- The Nexus Pipeline is an important pathway for the large supplies of the Northeast to meet the growing demands at Dawn

The Appalachian Basin, with its Marcellus and Utica Shales, has the largest natural gas resource base of any US shale basin

NEXUS GAS TRANSMISSION

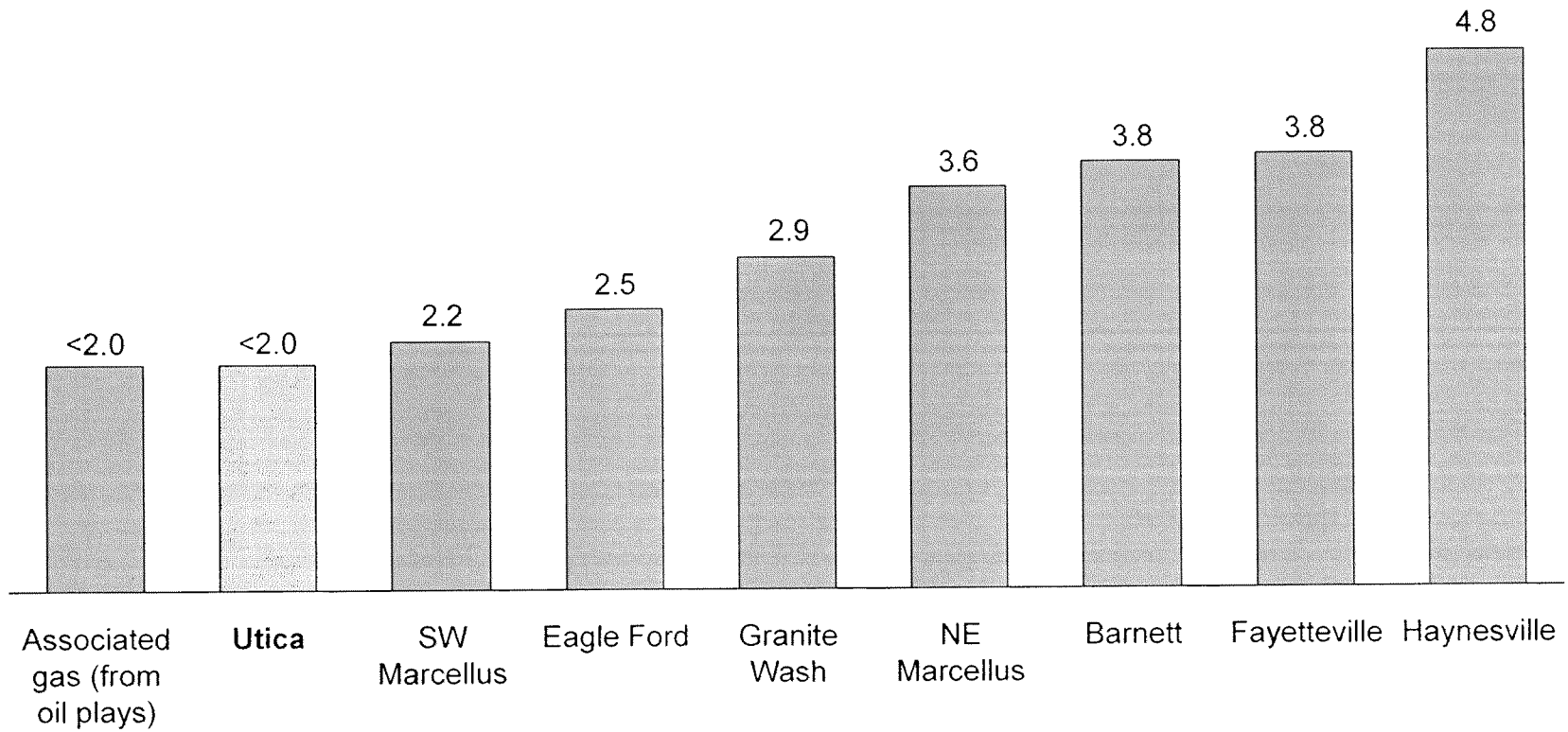


1. Unproved technically recoverable resources
Source: PacWest Consulting, EIA, USGS

Natural gas from the Utica Shale is among the lowest cost supplies available

NEXUS GAS TRANSMISSION

2015 Breakeven Cost of Supply[1] ($/MMBtu)



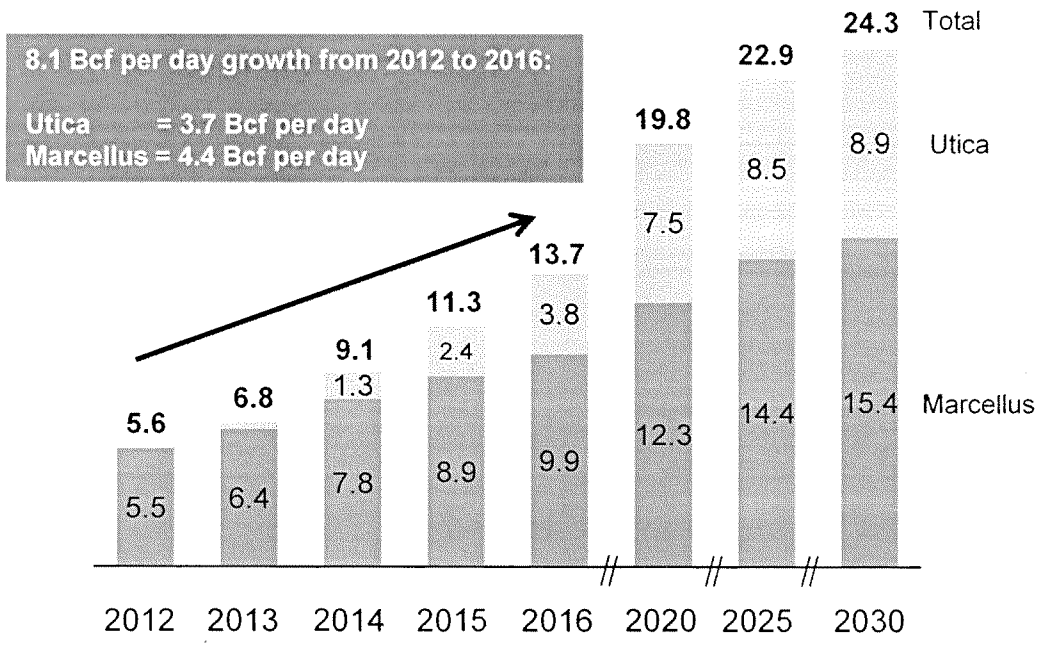
1. Breakeven cost of new supply at after-tax 10% IRR
Source: Wood Mackenzie, DTE Energy analysis

Combined Marcellus and Utica production may reach 14 Bcf per day by 2016, requiring new transportation options

NEXUS GAS TRANSMISSION

Projected Marcellus and Utica Shale Production

(Bcf per day)

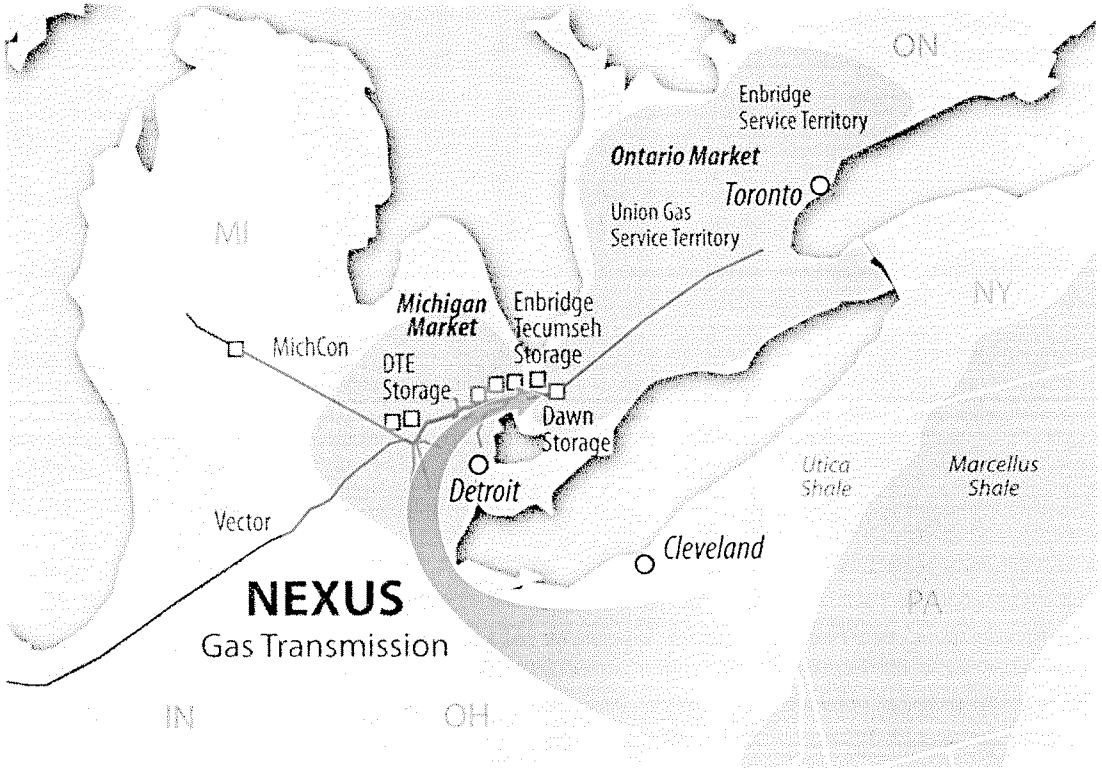


- Significant growth in Appalachia basin will require incremental export capacity to new markets
- Traditional Northeast markets will become saturated (Northeast US market = 8 Bcf per day)
- Producers seeking market options:
  - Transport south (backhaul to gulf coast)
  - Transport north into Eastern Canada
  - Transport west into US Midwest

Source: Wood Mackenzie, CERA, DTE analysis

The Nexus Pipeline is an important pathway for the abundant supplies of the Northeast to reach Dawn and other markets along the path

NEXUS GAS TRANSMISSION



Recap of Key Points

- The Northeast US has abundant gas supplies
- Ohio has some of the lowest cost gas supply in the country and will have for the foreseeable future
- Producers are invested heavily in liquids-rich plays, including Utica, where rig count and drilling activity has increased at a fast pace
- Northeast production is projected to grow substantially in the next decade

The Nexus Pipeline can move the abundant low-cost Northeast gas to Dawn and other large demand centers in Ohio and Michigan

Agenda

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NEXUS Recommendations for buyers of gas at Dawn

NEXUS GAS TRANSMISSION

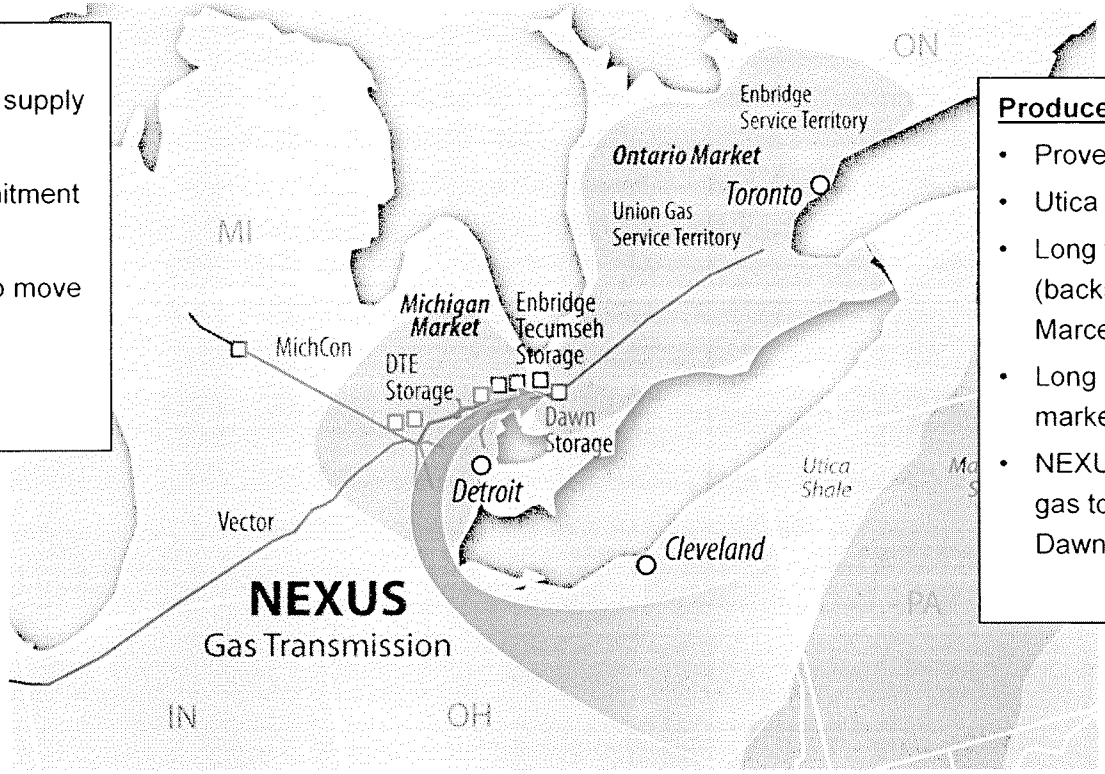
- All markets that currently buy gas at Dawn have a vested interest in helping to ensure robust diverse supplies arrive at Dawn to preserve the long term health of the Dawn market
- Current buyers at Dawn should reach back to Ohio, via NEXUS, for a portion of their Dawn requirements
- A netback type of arrangement can be structured to provide access to supplies that lands gas at Dawn and other markets along the path at competitive prices
- Remainder of portfolio at Dawn will enjoy the benefits of improved supplies being able to reach Dawn
- The Nexus Pipeline is an important pathway to help ensure continued supply reaches Dawn in the near term and well into the future

NEXUS Gas Transmission
Bringing Together Supply and Market

NEXUS GAS TRANSMISSION

Market Issues:

- Security and diversity of supply
- Regulatory approvals
- Long term market commitment
- Long term netback gas
- NEXUS transportation to move gas to market



Producer Issues:

- Prove out the Utica supply basin
- Utica production plans approved
- Long term volume commitment (backstopped with Utica and/or Marcellus)
- Long term sales into netback market
- NEXUS transportation to move gas to markets – Michigan, Dawn Hub, Chicago

- NEXUS will connect new supplies in the Ohio region to Dawn
- Additional anchor shipper support required to move project forward
- Targeting a blend of Producer and Market shippers

Summary of competitive alternatives into Michigan and Ontario from Utica and Marcellus

NEXUS GAS TRANSMISSION

Route	Market	Capacity (MMcf/d)	Rate (1)
ANR with Ohio new build	Michigan	350 – 500	$0.70
TCO / ANR and PEPL	Michigan	350	$0.57
TETCO / ANR and PEPL	Michigan	150 – 200	$0.64
Dominion / REX / ANR and PEPL	Michigan	350 – 400; need facilities to reverse flow	$0.88
TETCO / REX / ANR and PEPL	Michigan	150 – 200; need facilities to reverse flow	$0.98
TCO / ANR / GLGT / TCPL	Dawn	350	$0.79
ANR with Ohio new build / GLGT/ TCPL	Dawn	400 – 600	$0.92
Millennium / Empire / TCPL	Toronto CDA	Requires expansion	$1.16
Tennessee Gas / Empire / TCPL	Toronto CDA	Requires expansion	$0.80
TCO / ANR / GLGT / TCPL	Toronto CDA	350	$1.02
TCO / ANR / GLGT / TCPL / Union / TCPL	Toronto CDA	350	$1.01

1. 100% load factor including fuel charge based on $4.00 gas price

NEXUS open season summary

NEXUS GAS TRANSMISSION

- Open season running from October 15 – November 30, 2012
  - ➢ Better define starting point of project
  - ➢ Define market preference for deliveries
  - ➢ Refine pipeline route based on shipper receipt and delivery point interest
  - ➢ Refine project cost and rate based on shipper commitments
- Defined anchor shipper criteria:
  - ≥ 150 Mdth/d volume commitment
  - ≥ 15 year contract term
- Market development team actively meeting with potential shippers during open season

Contact Information

NEXUS
GAS TRANSMISSION

Mark Bering
Director, Marketing & Optimization
DTE Gas Storage and Pipelines
(313) 235-6531
beringm@dteenergy.com

Bob Riga
General Manager, Business Development
Spectra Energy
(617) 560-1436
rgriga@spectraenergy.com

Rene Dartez
Director, Business Development
Enbridge Inc.
(713) 821-2004
rene.dartez@enbridge.com

David Slater
Senior Vice-President
DTE Gas Storage and Pipelines
(313) 235-0408
slaterd@dteenergy.com

Bobby Huffman
Project Director, Business Development
Spectra Energy
(713) 627-5259
rlhuffman@spectraenergy.com

Tara Smolak
Senior Advisor, Business Development
Enbridge Inc.
(403) 266-8305
tara.smolak@enbridge.com

Appendix

NEXUS GAS TRANSMISSION

NEXUS Partners Overview

Additional Supply Information

Additional Market Information

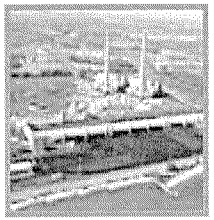
DTE Energy®

DTE Energy is an Integrated Energy Company

Strong, Stable and Growing Utilities

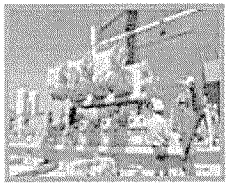
~80% of DTE Energy's Earnings

Detroit Edison



- 10th largest U.S. electric utility
- 11,000 GW of power generation capacity (82% coal and nuclear)
- 2.1 million distribution customers in Southeast Michigan

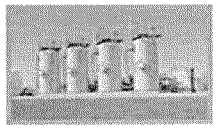
MichCon



- 11th largest U.S. gas utility
- 139 Bcf of working gas storage capacity; purchases 120 – 150 Bcf of gas annually
- 1.2 million distribution customers in Southeast Michigan
- 900 Bcf annual throughput

Complementary Non-Utility Businesses

~20% of DTE Energy's Earnings

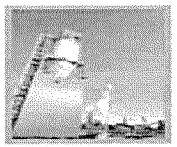


Gas Storage & Pipelines

- Transports and stores natural gas
- 91 Bcf of gas storage; 538 miles of pipeline
  - Washington 10 Storage Corp. (100%)
  - Vector Pipeline (40%)
  - Millennium Pipeline (26.25%)
  - MichCon Pipeline Company (100%)
  - Bluestone Gathering Company (100%)

Unconventional Gas Production

- Western Barnett Shale Production
  - 67,000 net acres; 489 Bcf of reserves
  - 180 gross producing wells



Power & Industrial Projects

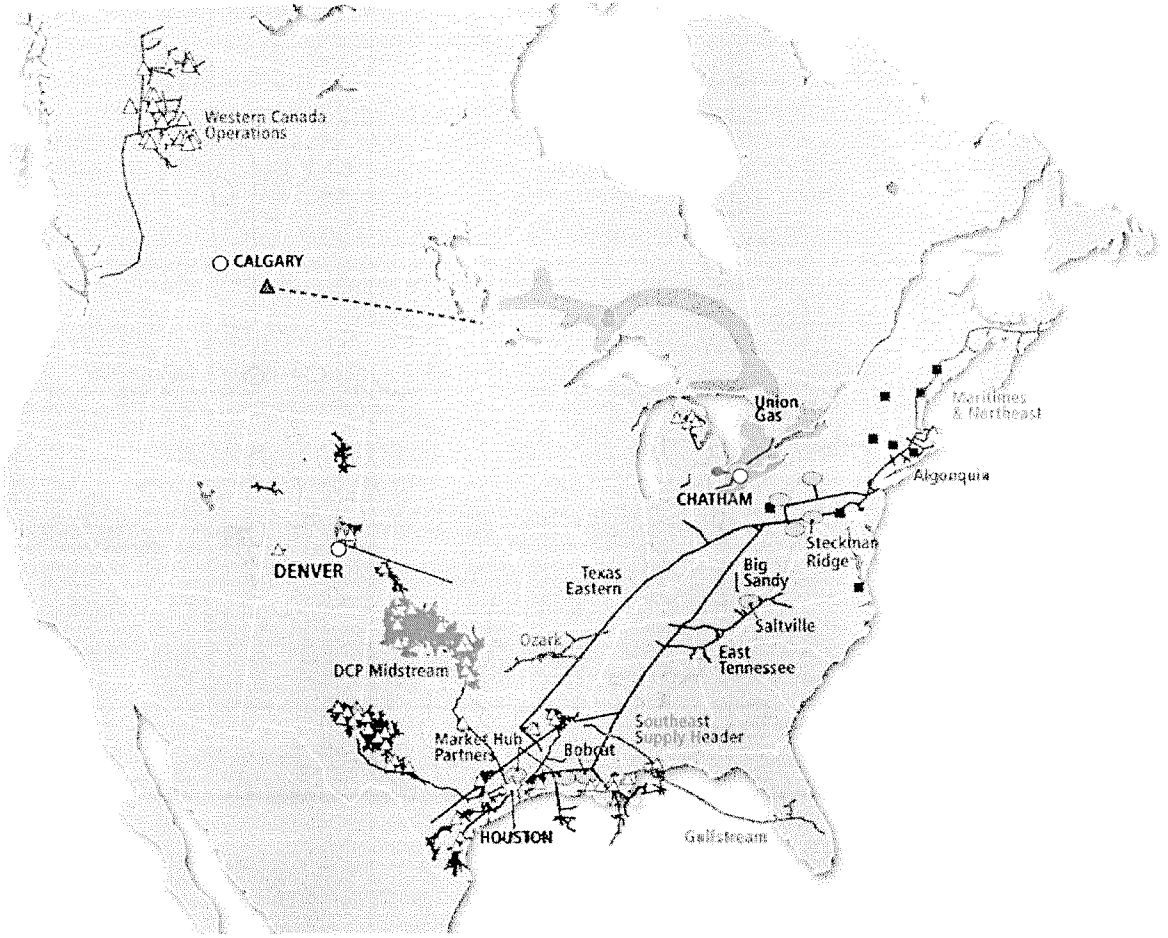
- Owns and operates energy assets
  - Industrial / utility solid fuels
  - Utility services and renewable energy

Energy Trading

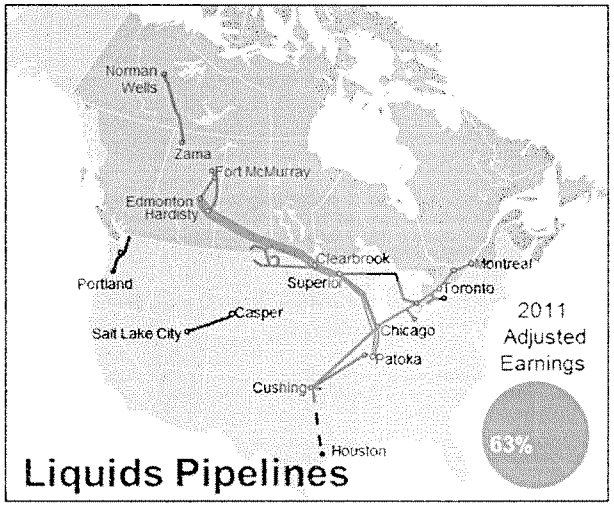
- Transports gas on more than 60 pipelines
- Asset management and sales to major utilities
- Producer services, including risk management

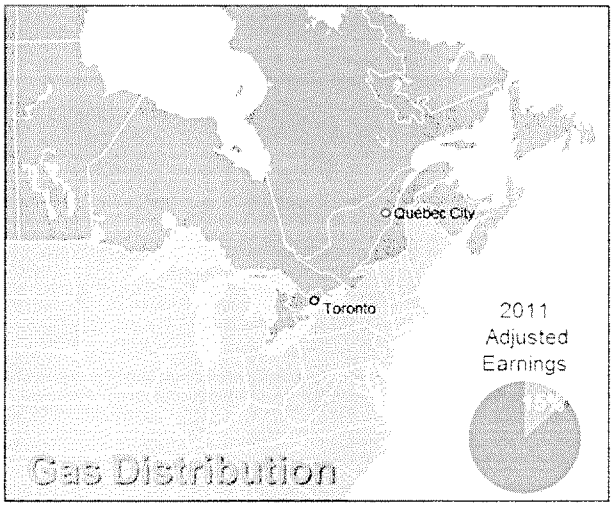
Spectra's Diverse Portfolio of Assets

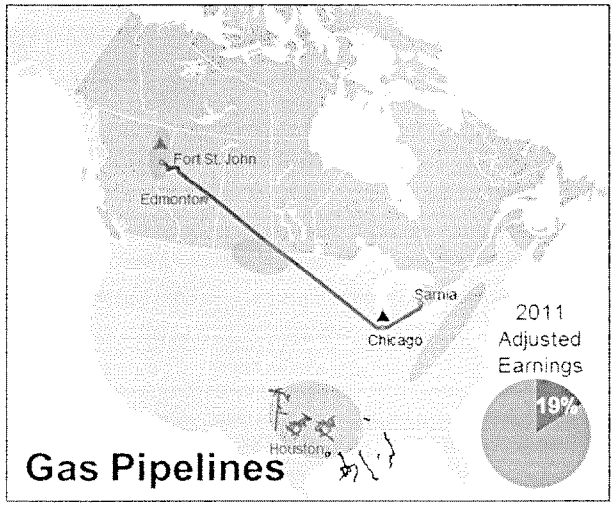
2011 Pipeline Throughput:	4.2 Tcf
Transmission Pipe:	19,300 mi
Storage Capacity:	300+ Bcf
Gathering Pipe:	64,800 mi
SE Gas Processing Capacity:	3.3 Bcf/d
DCP 4Q11 G&P:	6.3 TBtu/d
DCP 4Q11 NGLs produced:	406 MBbl/d
Distribution Pipe:	39,000 mi
Retail Customers:	1.4 million

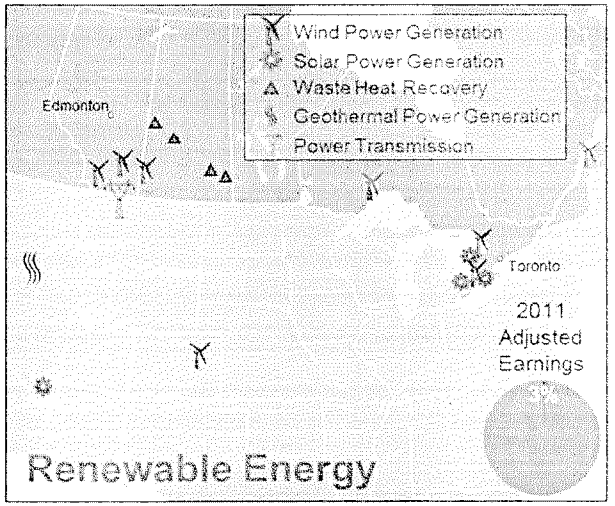


Enbridge Strategic Position





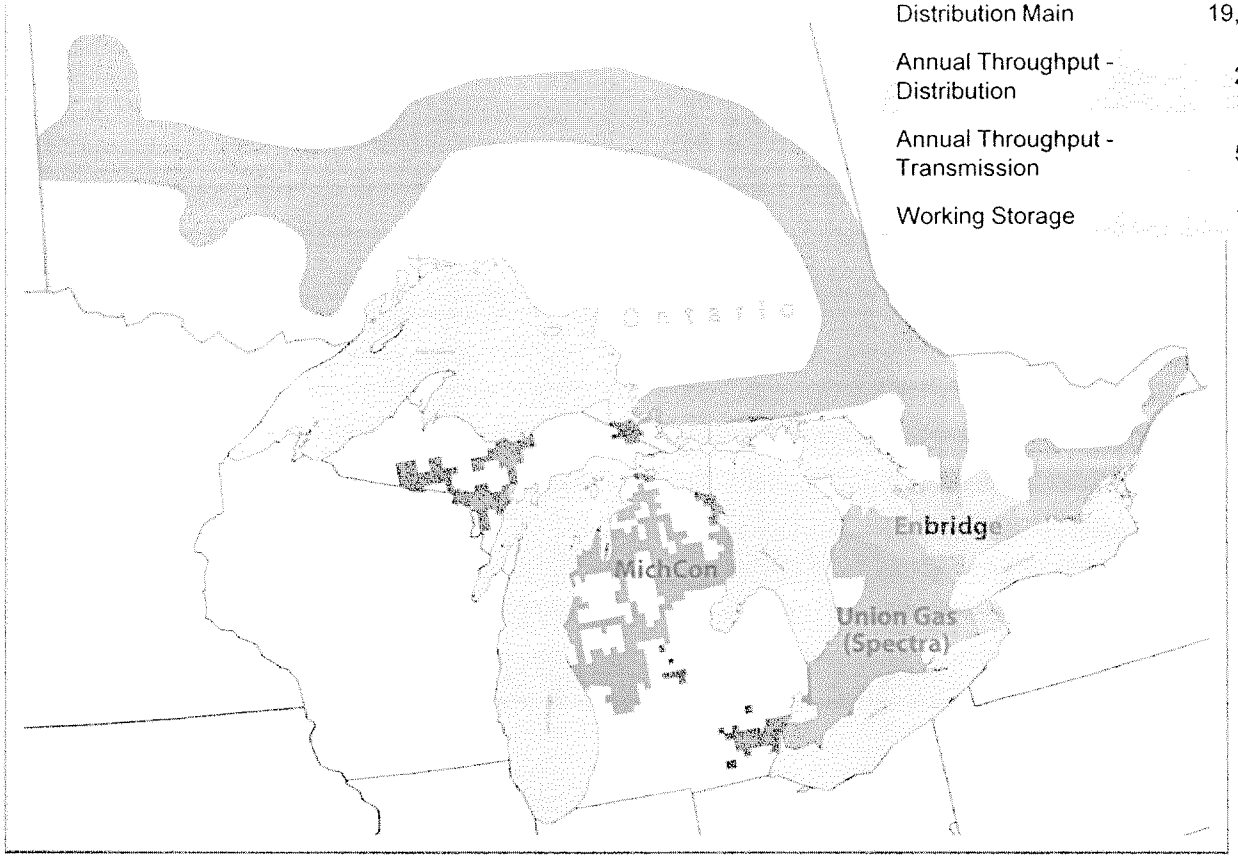




MichCon, Union and Enbridge Market Overview

NEXUS GAS TRANSMISSION

	MichCon	Enbridge	Union Gas
Distribution Customers	1.2 Million	1.9 Million	1.4 Million
Distribution Main	19,000 miles	21,000 miles	39,000 miles
Annual Throughput - Distribution	278 Bcf	400 Bcf	500 Bcf
Annual Throughput - Transmission	546 Bcf	NA	835 Bcf
Working Storage	139 Bcf	111 Bcf	157 Bcf

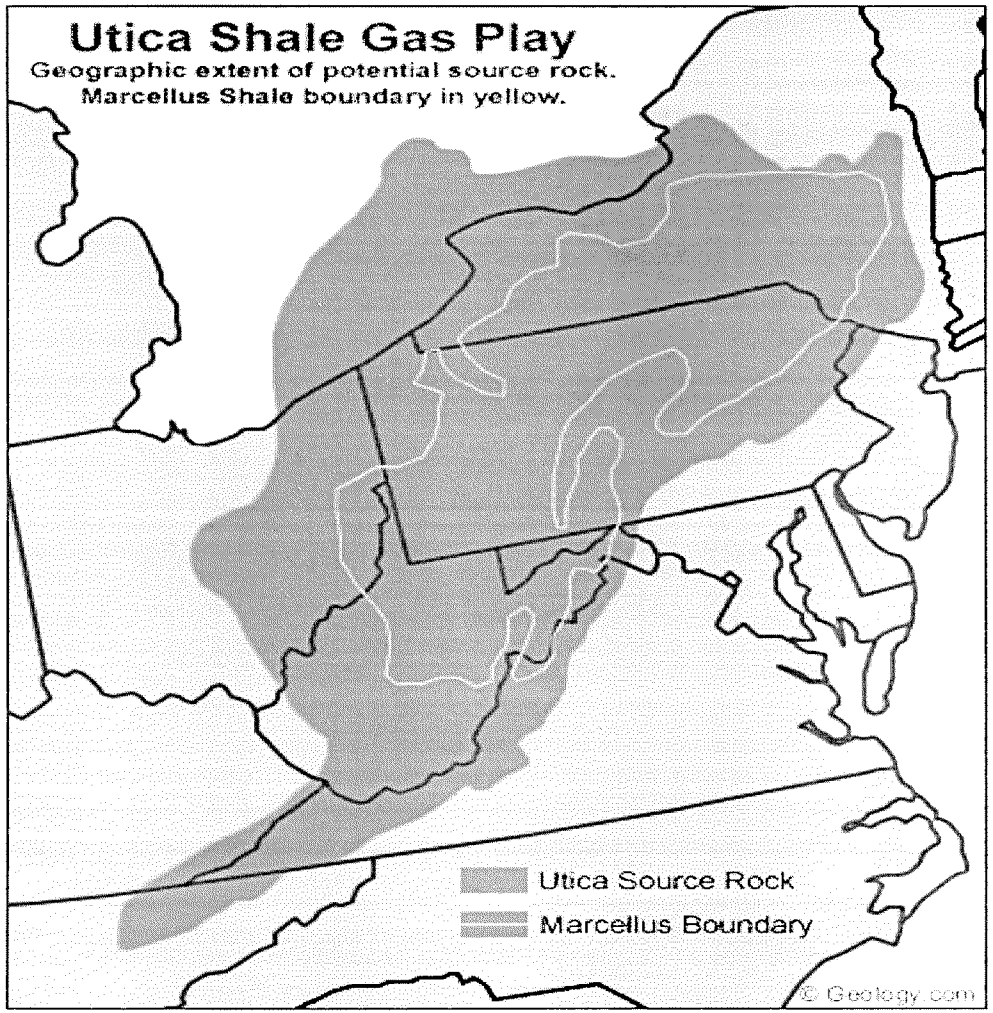


Total of:

- **4.5 million customers**
- **1.2 Tcf of annual distribution throughput**
- **1.4 Tcf of annual transmission throughput**
- **407 Bcf of working storage**

Utica Shale profile

NEXUS GAS TRANSMISSION

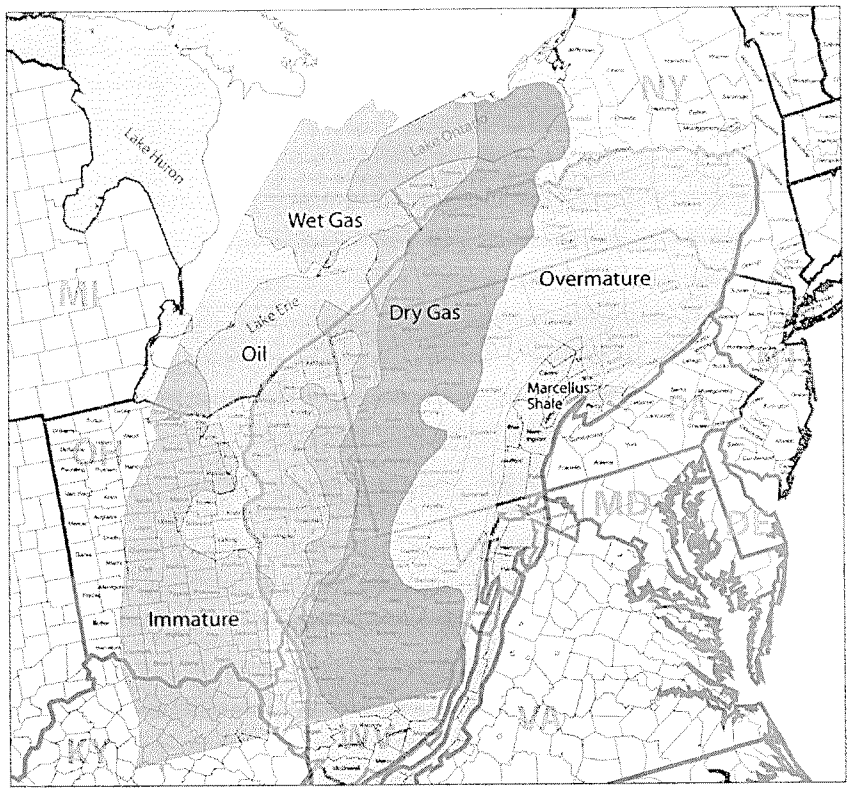


- Located in an eight state region of the eastern U.S. (New York, Pennsylvania, Ohio, West Virginia, Virginia, Maryland, Kentucky and Tennessee) and Eastern Canada (Ontario and Quebec)
- Covers approximately 170,000 square miles and if it is commercial throughout this extend it will be geographically larger than any natural gas field known today, including the Marcellus
- The resource base is still being defined, however early estimates of natural gas deposits in the formation range from 2 Tcf to 70 Tcf
- The Ohio Department of Natural Resources' Division of Geological Survey estimates the recoverable reserve potential in Ohio at 5 billion barrels of oil and 15 trillion cubic feet of natural gas
- Given the close proximity the Utica shale has to the Marcellus shale, producers have begun to identify opportunities to develop the area as a stacked-play
- The productive portion of the Marcellus does not extend into central Ohio but the Utica does. In that area the Utica is less than one mile below the surface and contains natural gas liquids and oil so companies are leasing and drilling that area

Source: Geology.com; Oil and Gas Financial Journal

The Utica shale contains dry gas, natural gas liquids and oil windows of maturity

NEXUS GAS TRANSMISSION



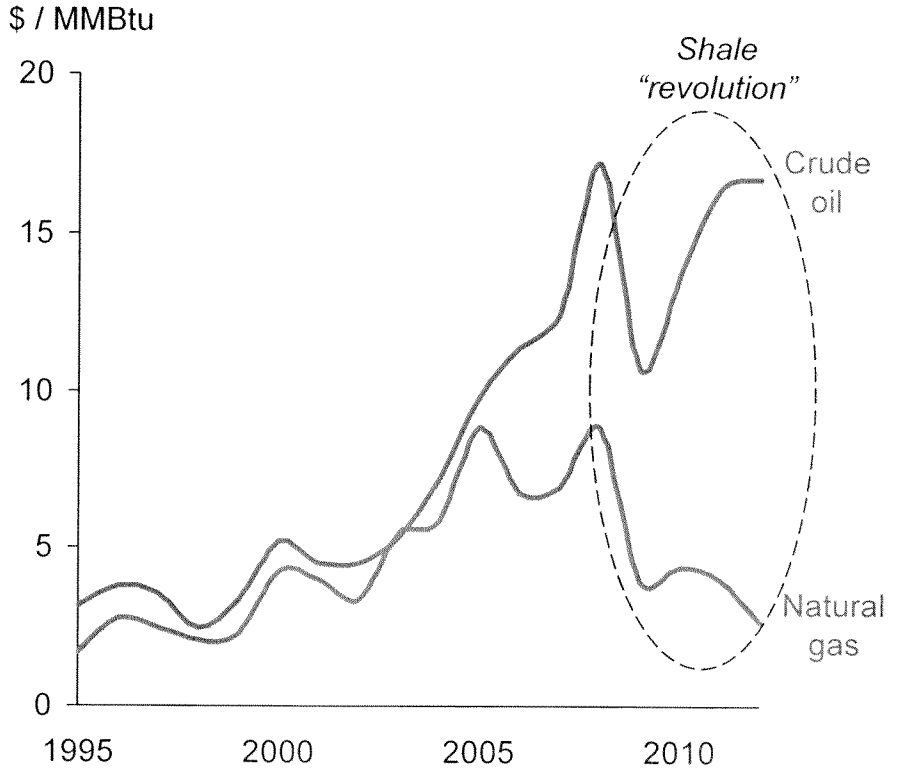
- Early development activity by producers (EV Energy Partners, Chesapeake, Anadarko, Devon and Range) has identified three windows of maturity
- The oil window is found in central and eastern Ohio
- The wet gas / retrograde condensate window extends in a northeasterly direction from southern West Virginia into eastern Ohio, western Pennsylvania and western New York
- The dry gas window covers northern West Virginia, western and central Pennsylvania, western New York and into Ontario and Quebec, Canada
- According to Marcellus shale expert Terry Engelder (professor of geosciences at Penn State University), the Utica shale is likely to be overcooked in most of eastern Pennsylvania given depth of the Utica in that area
- This leads industry experts to expect the Utica to be more of an Ohio play than a Pennsylvania play

Source: Geology.com; Oil and Gas Financial Journal, Company reports

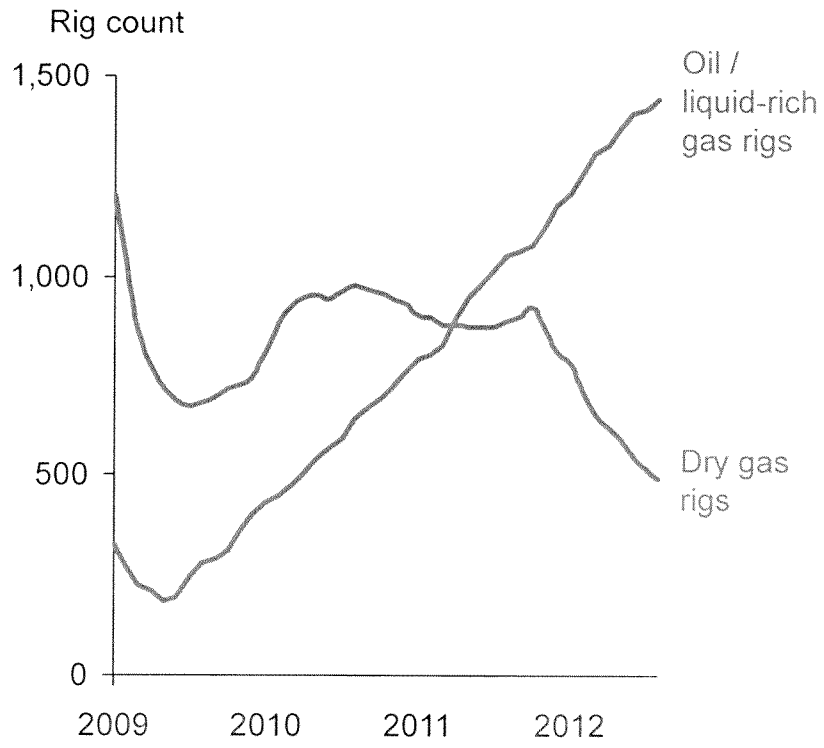
In the current gas price environment, producers' investment is shifting into liquids-rich plays and away from dry gas

NEXUS GAS TRANSMISSION

The historic spread between oil and gas prices…



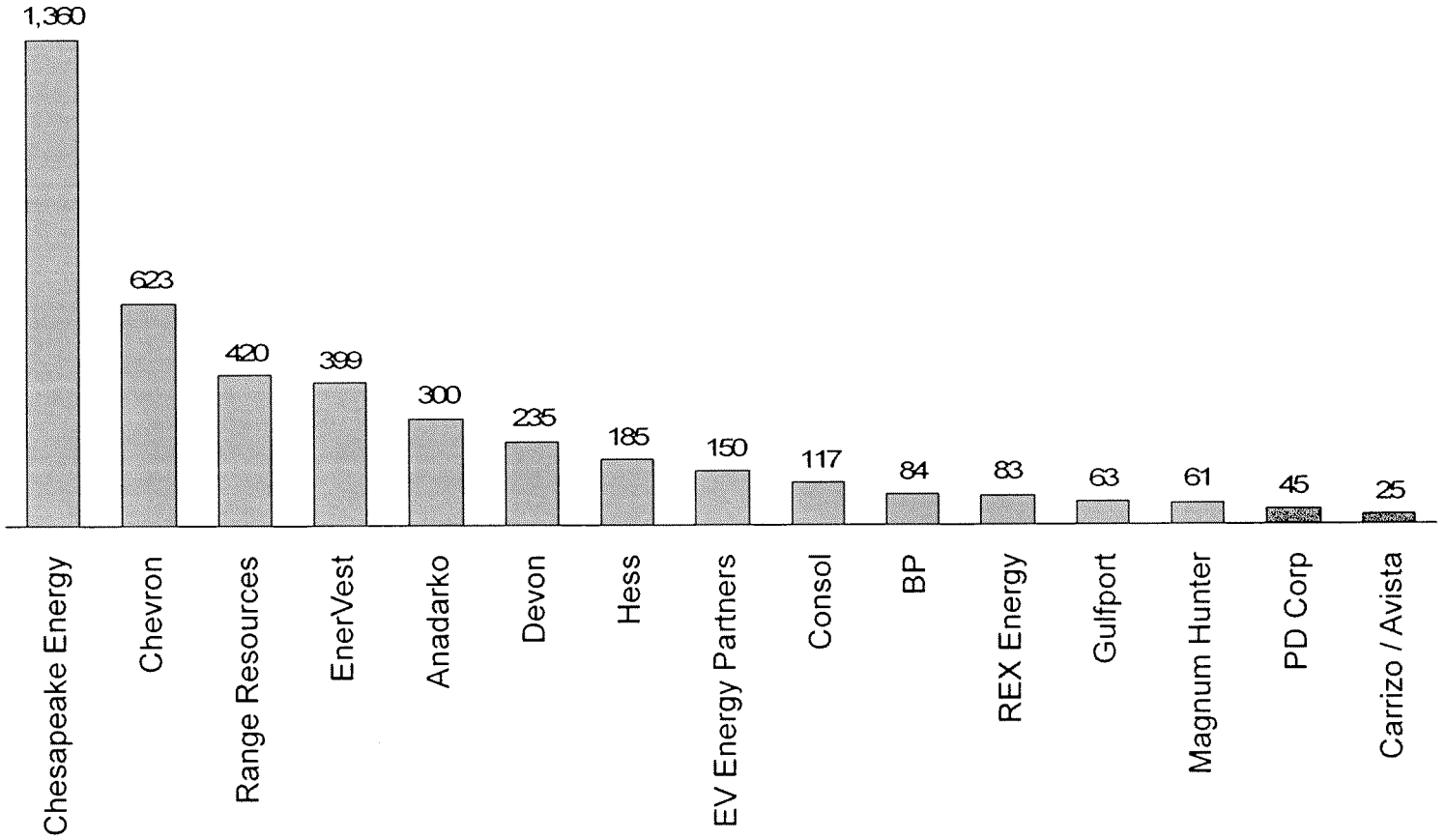
… Has led to a dramatic shift in investment from dry gas to oil and liquids-rich plays



Source: EIA, Baker Hughes, DTE analysis

Chesapeake, Chevron, Range, and other leading natural gas producers have acquired substantial acreage positions in the Utica

NEXUS GAS TRANSMISSION

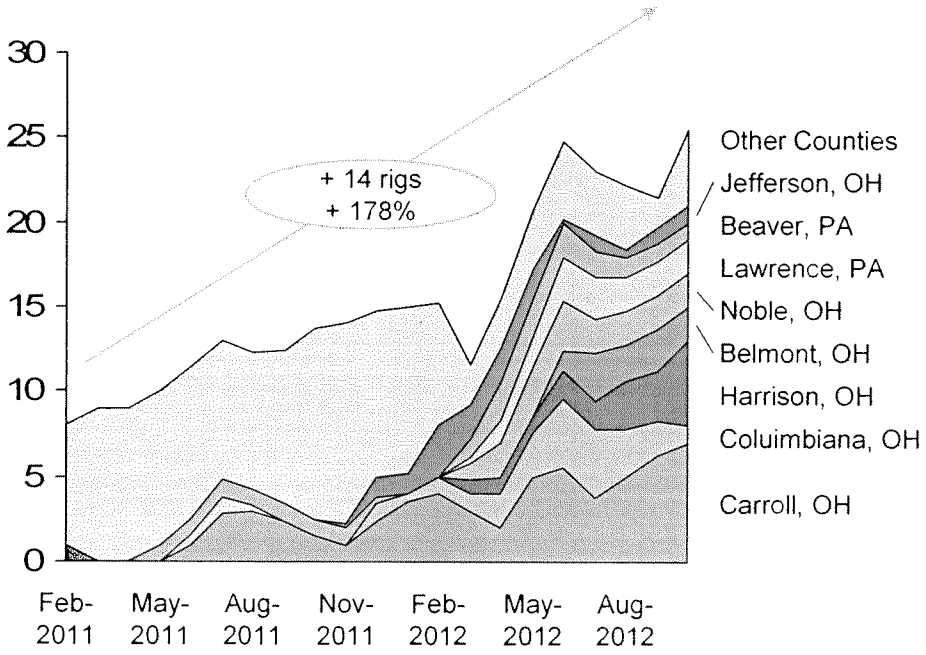


Source: Bentek Energy, Unconventional Gas Center, Company presentations

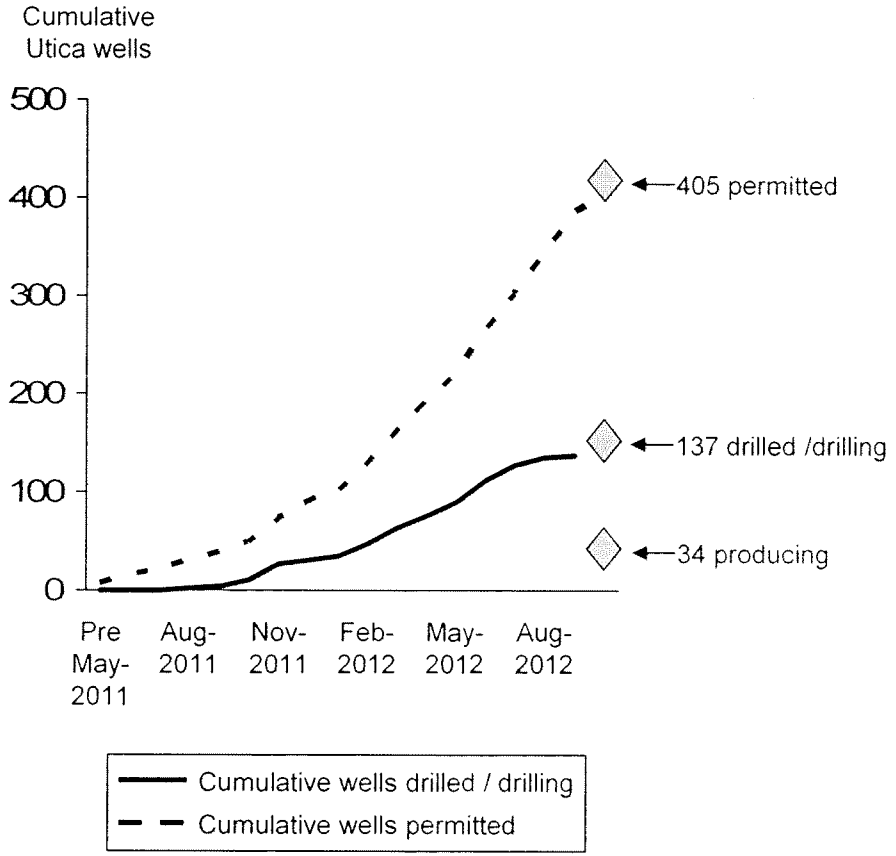
Utica is a key target of producer investment in liquids rich plays, and has seen dramatic growth in rig count and drilling activity

NEXUS GAS TRANSMISSION

Utica Rig Count



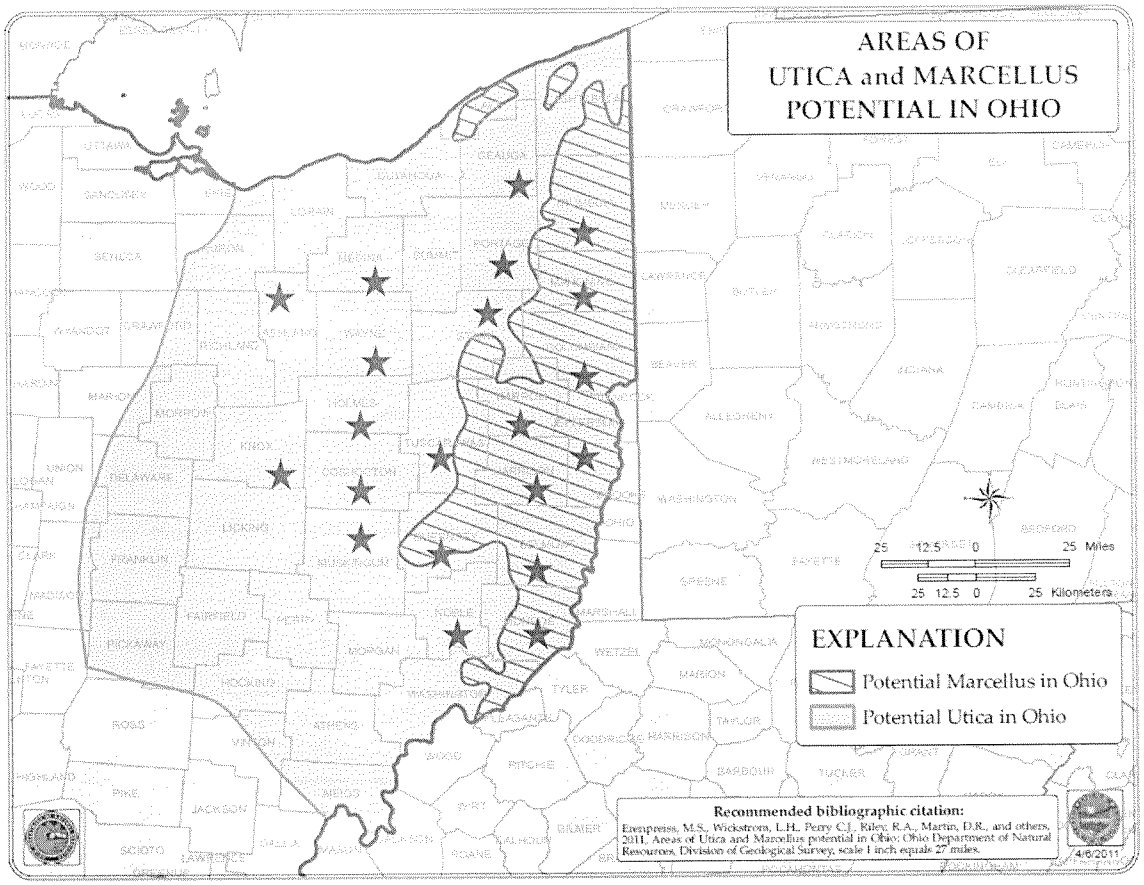
Utica Well and Drilling Activity



Source: Baker Hughes, Ohio Department of Natural Resources September 30, 2012, DTE analysis

Development of the Utica Shale is currently focused on eastern Ohio with permitting and drilling in 21 counties

NEXUS GAS TRANSMISSION



★ Counties in Ohio with permitting or drilling activity

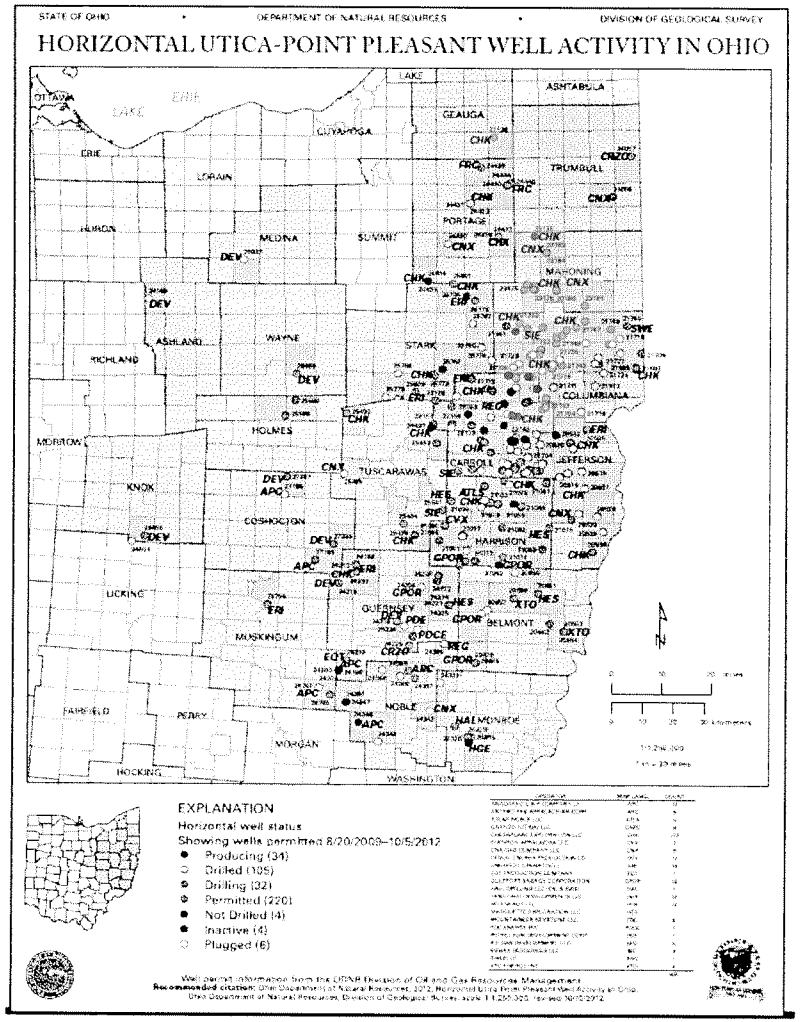
- Chesapeake has filed drilling permits in ten counties in eastern Ohio: Carroll, Columbiana, Geauga, Guernsey, Harrison, Jefferson, Mahoning, Portage, Stark and Tuskarawas
- These counties fall within the wet gas window of the Utica shale and are in an area that contains both the Marcellus and Utica shales
- According to the Columbiana county recorder's office, 2,381 new mineral rights leases have been recorded since January, 2010 and the staff estimated that 90% are to companies interested in drilling for natural gas in the Marcellus and Utica shale

Source: Ohio Department of Natural Resources, Geological Survey

Since 2010, a total of 413 Utica Shale wells have been permitted across 21 counties in Ohio

NEXUS GAS TRANSMISSION

- To date, much of the focus has been on Carroll, Columbiana, Guernsey, Harrison, Jefferson, Mahoning, Monroe, Noble, Portage, Stark and Tuscarawas counties

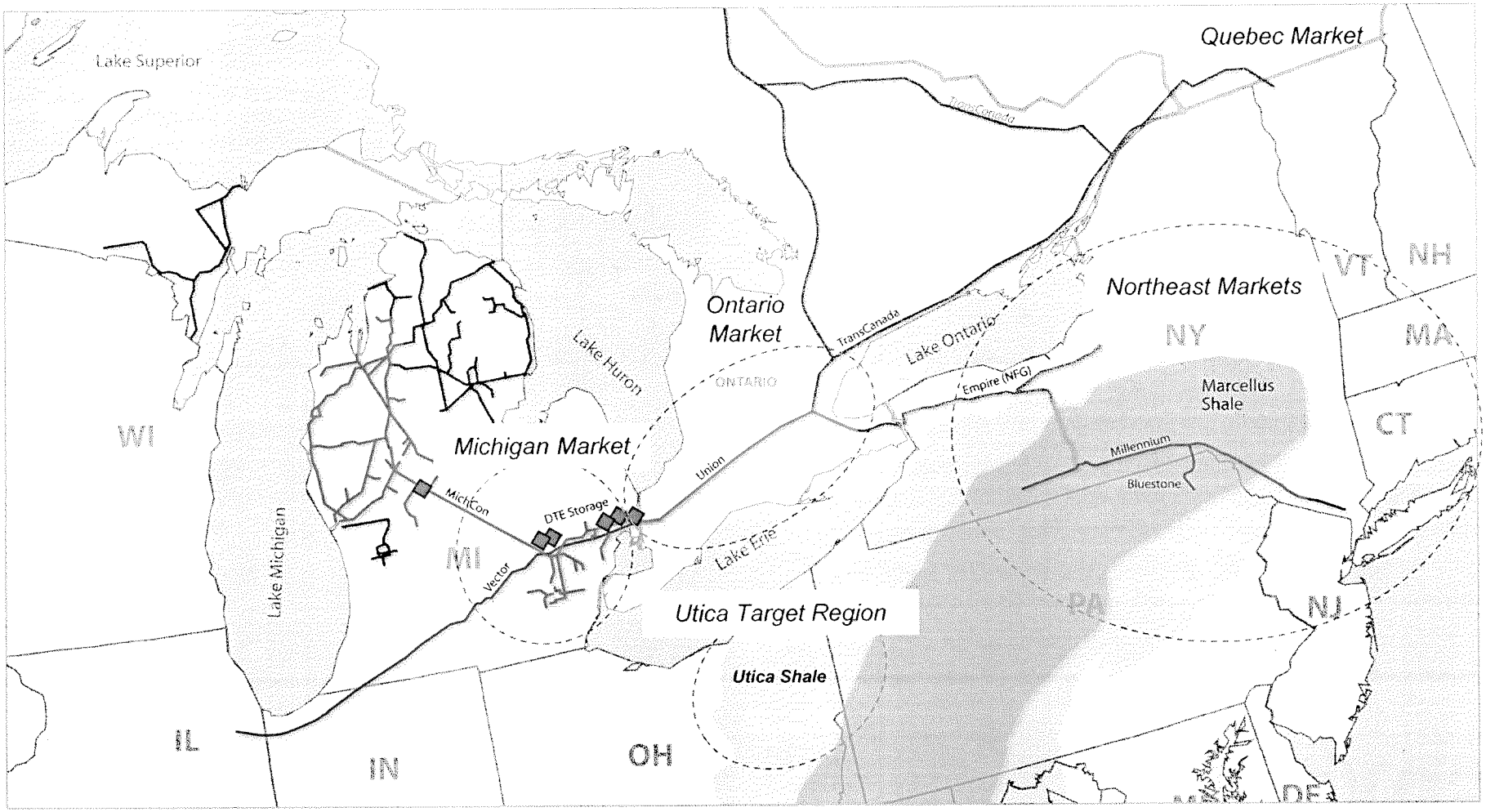


County	Producing	Not Drilled	Drilled	Drilling	Permitted	Inactive	Plugged	Total
Ashland	0	0	1	0	0	0	0	1
Belmont	0	1	3	3	4	0	0	11
Carroll	22	1	33	9	75	0	1	141
Columbiana	1	1	21	4	31	0	0	58
Coshocton	0	0	1	0	4	0	0	5
Geauga	0	0	0	0	1	0	0	1
Guernsey	2	1	4	2	15	0	0	24
Harrison	2	0	6	5	36	0	0	49
Holmes	0	0	0	1	1	0	0	2
Jefferson	1	0	18	0	12	0	0	31
Knox	0	0	1	0	1	0	0	2
Mahoning	0	0	1	1	11	1	0	14
Medina	0	0	1	0	0	0	0	1
Monroe	1	0	1	1	10	3	2	18
Muskingum	0	0	1	0	2	0	0	3
Noble	2	0	5	3	2	0	1	13
Portage	1	0	2	1	9	0	1	14
Stark	2	0	4	0	6	0	1	13
Trumbull	0	0	0	0	2	0	0	2
Tuscarawas	1	0	1	0	7	0	0	9
Wayne	0	0	0	1	0	0	0	1
Total	35	4	104	31	229	4	6	413

Source: Ohio Department of Natural Resources, Geological Survey (Updated 10-15-2012)

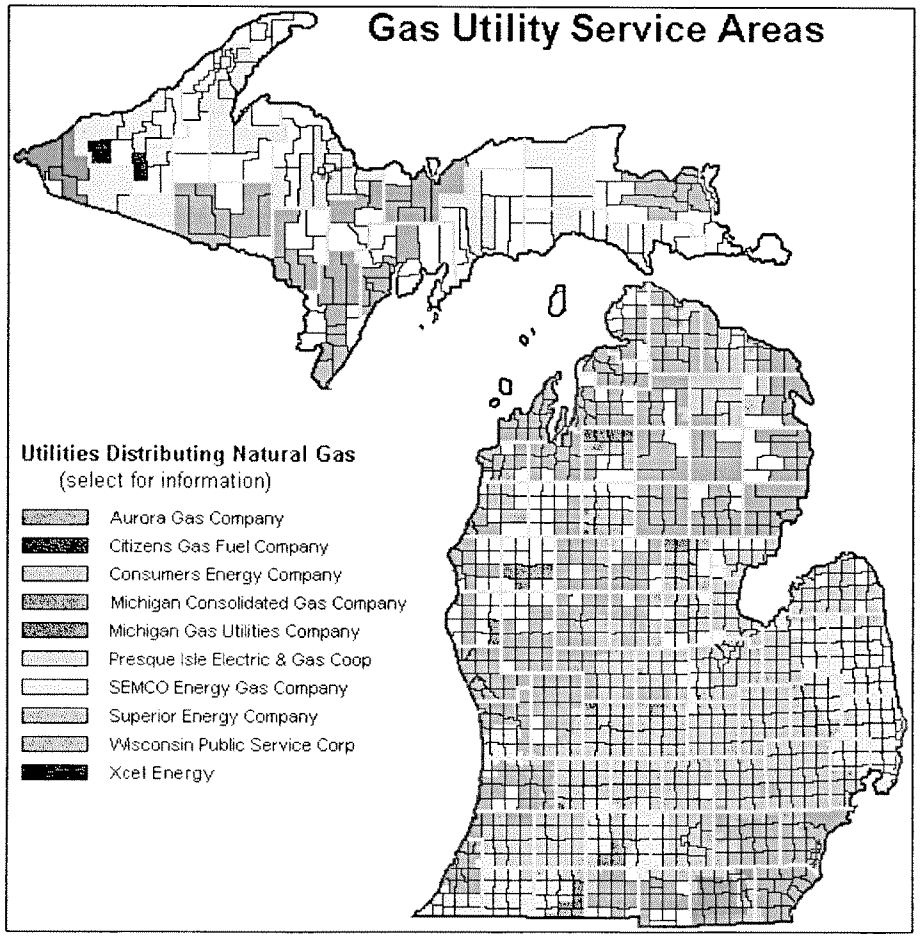
Northeast Markets, including Ohio, are being met by Marcellus production - Nearest, large liquid markets are Michigan and Ontario

NEXUS GAS TRANSMISSION



Michigan Gas Market – a closer look

NEXUS GAS TRANSMISSION

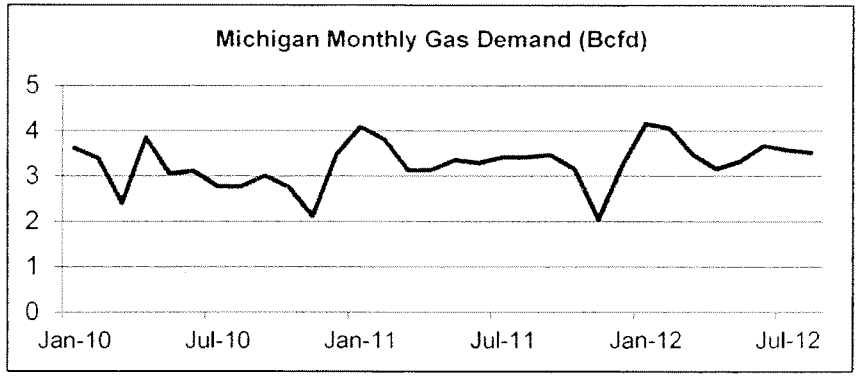


Michigan Current Demand

- Primary gas utilities are: Michigan Consolidated Gas Company, Consumers Energy, SEMCO and Michigan Gas Utilities
- Five Interstate and several regional pipelines provide access to supplies from the US Midcontinent, Gulf Coast, Rockies and Western Canada
- Michigan market and storage demand is approximately 1.2 Tcf / year
- Average daily demand of 3.2 Bcfd
- 660 Bcf of storage provides flatter annual demand

Michigan Demand Growth

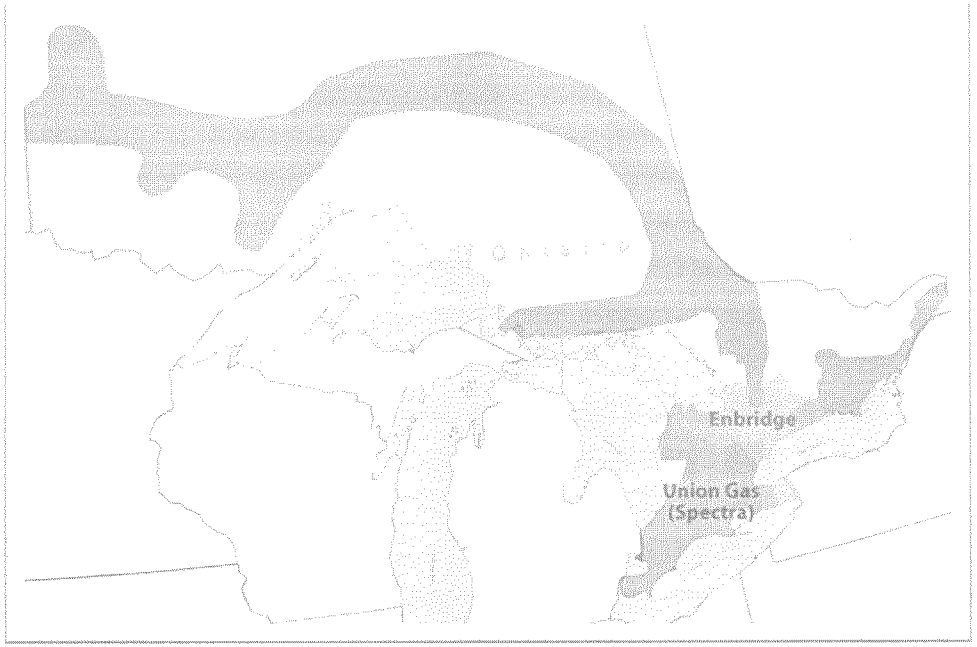
- Power generation coal conversion could add 0.1 – 0.3 Bcfd



Source: Michigan Public Service Commission; DTE analysis

Ontario Gas Market – a closer look

NEXUS GAS TRANSMISSION

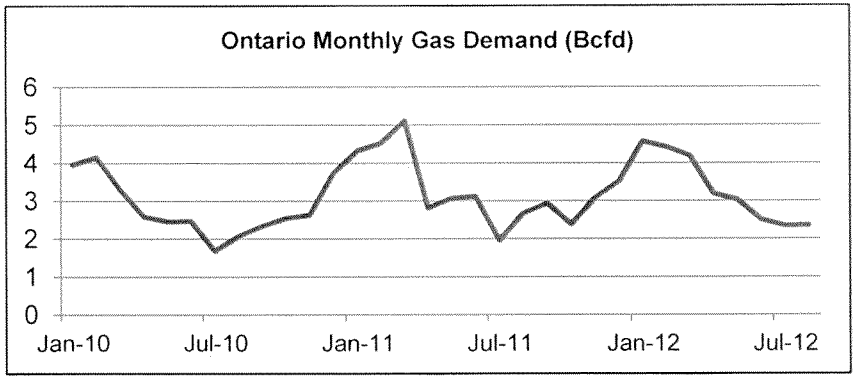


Ontario Current Demand

- Primary gas utilities are: Union Gas and Enbridge Gas Distribution
- Interconnects with Vector, TransCanada, Great Lakes Gas Transmission, Panhandle Eastern, MichCon and Bluewater
- Ontario market and storage demand is approximately 1.1 Tcf / year
- Average daily demand of 3.1 Bcfd
- 276 Bcf of storage provides flatter annual demand

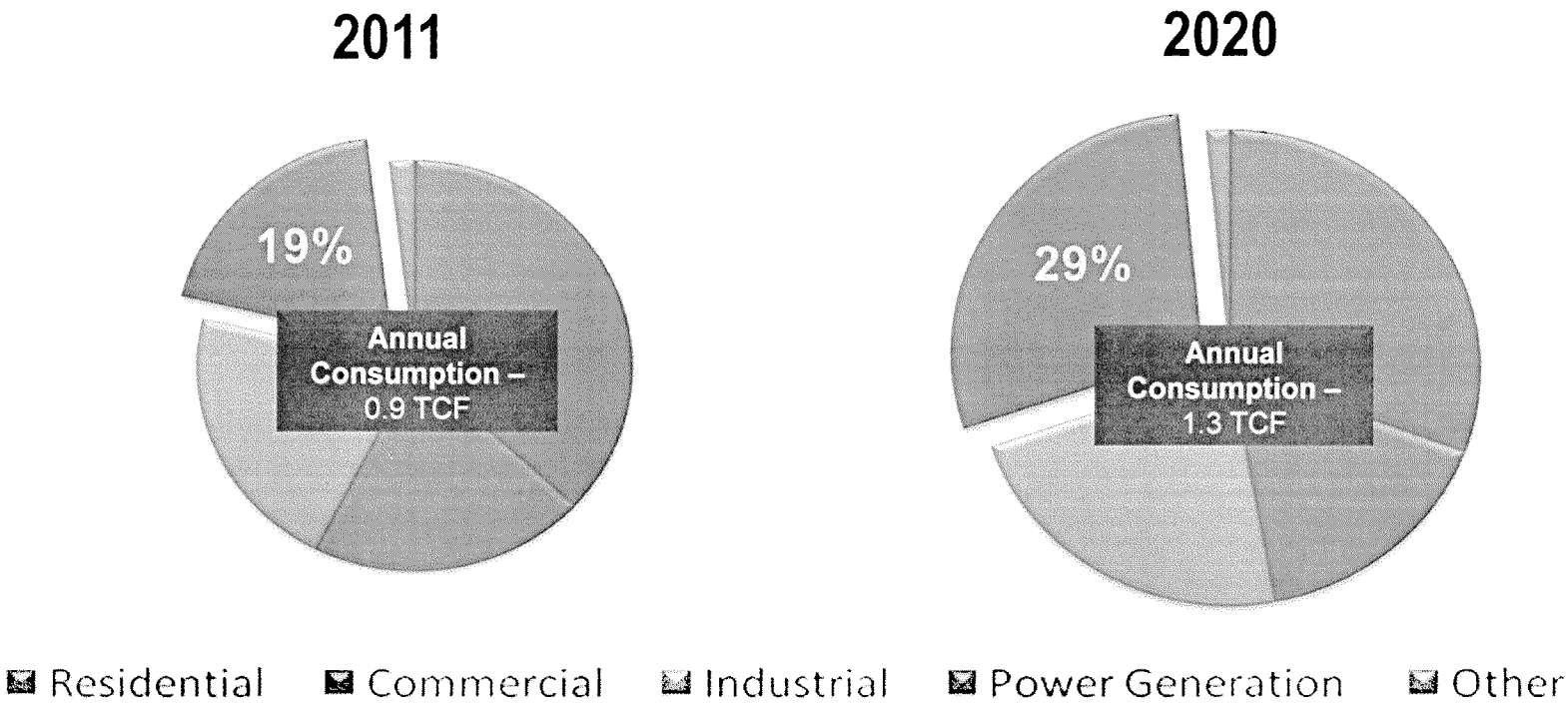
Ontario Demand Growth

- Projected to grow to 1.3 Tcf / year by 2020
- Power generation coal conversion has been underway since 2003
  - Currently 7,000 GW of gas fired generation
  - All coal fired generation will be retired by 2014



Ontario Natural Gas Demand
Power Generation Leads the Way

NEXUS GAS TRANSMISSION



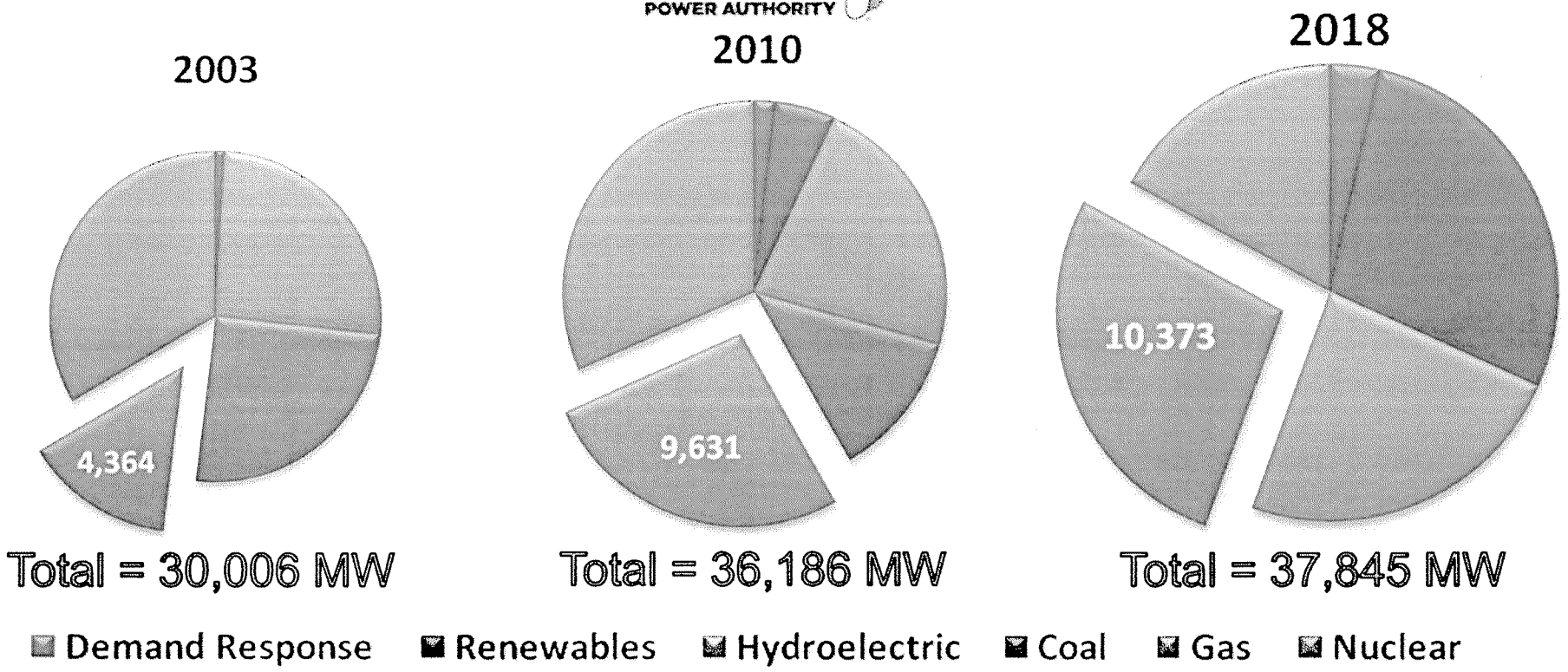
Source: ICF International, GMM Q2 2012 Compass

Natural gas continues to be a critical component in Ontario's energy portfolio with demand (power) forecast to grow significantly

Ontario Power Generation Mix (MW)
Natural Gas Power Generation Demand

NEXUS GAS TRANSMISSION

ONTARIO POWER AUTHORITY



Natural gas plays an increasingly important role in Ontario's electricity supply mix.

Michigan and Ontario are some of the most liquid trading locations in North America

NEXUS GAS TRANSMISSION

NEXUS Gas Transmission gives producers access to the Michigan and Ontario markets

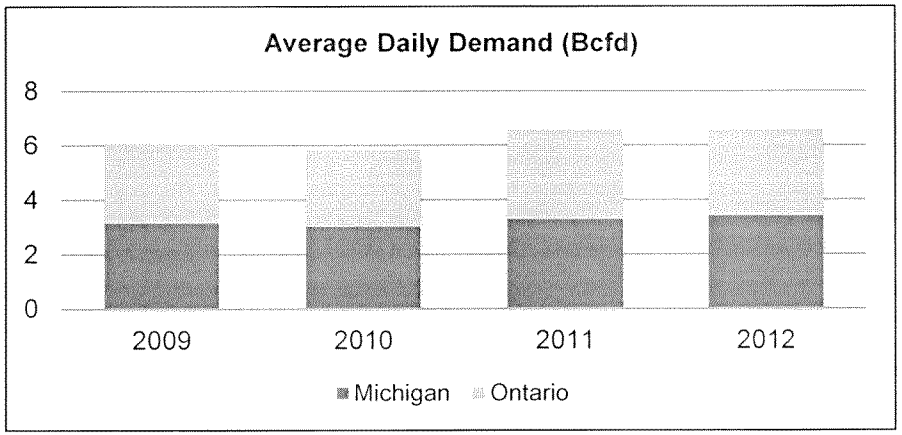
- Average Daily Demand of over 6 Bcf
- Significant summer demand because of storage injections – 660 Bcf Michigan, 276 Bcf Ontario

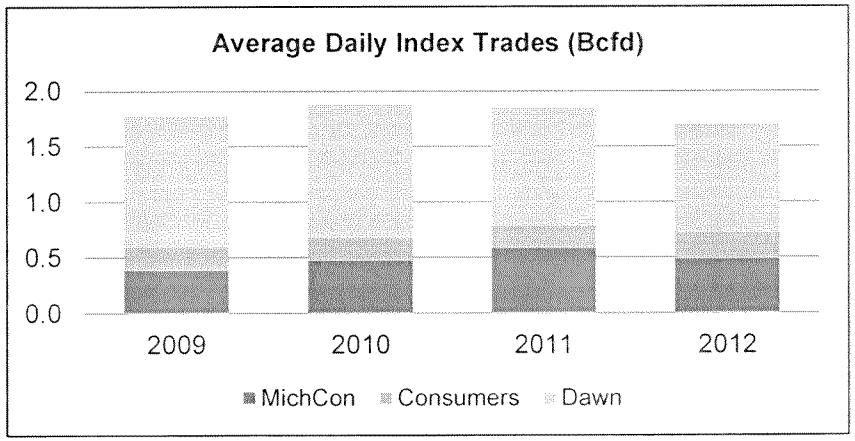
Liquidity gives producers flow assurance

- Producers desire multiple buyers; Markets desire multiple sellers
- MichCon, Consumers and Dawn Hub are published trading points in Gas Daily and traded on Intercontinental Exchange (ICE)
- Average daily index trades - 0.5 Bcfd at MichCon, 0.2 Bcfd at Consumers, 1.1 Bcfd at Dawn Hub
- By comparison, 0.7 Bcfd trades at Dominion South Point and 0.7 Bcfd trades at Henry Hub

Utilities in Michigan and Ontario have expressed interest in a significant amount of supply

- Looking for index based supply



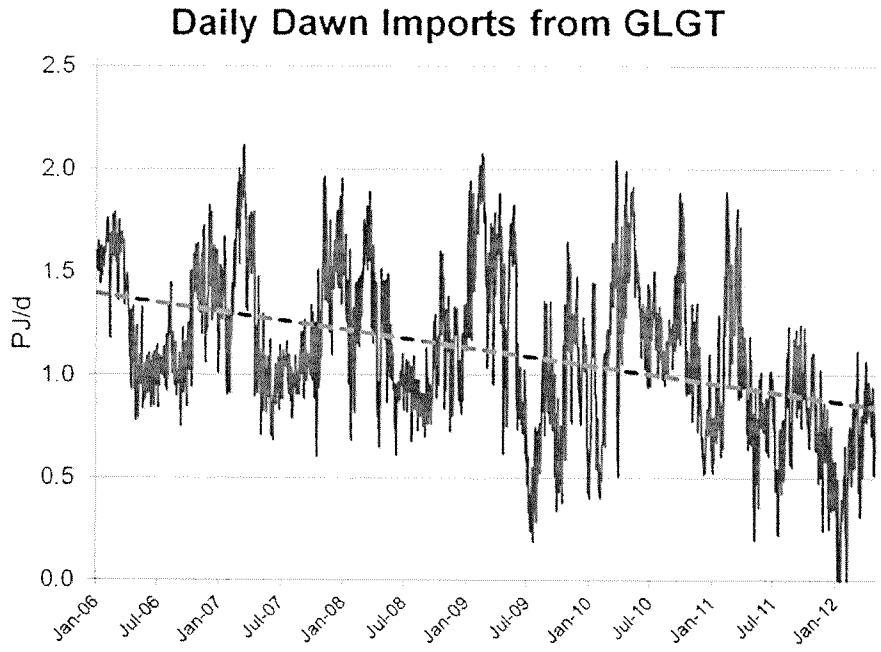


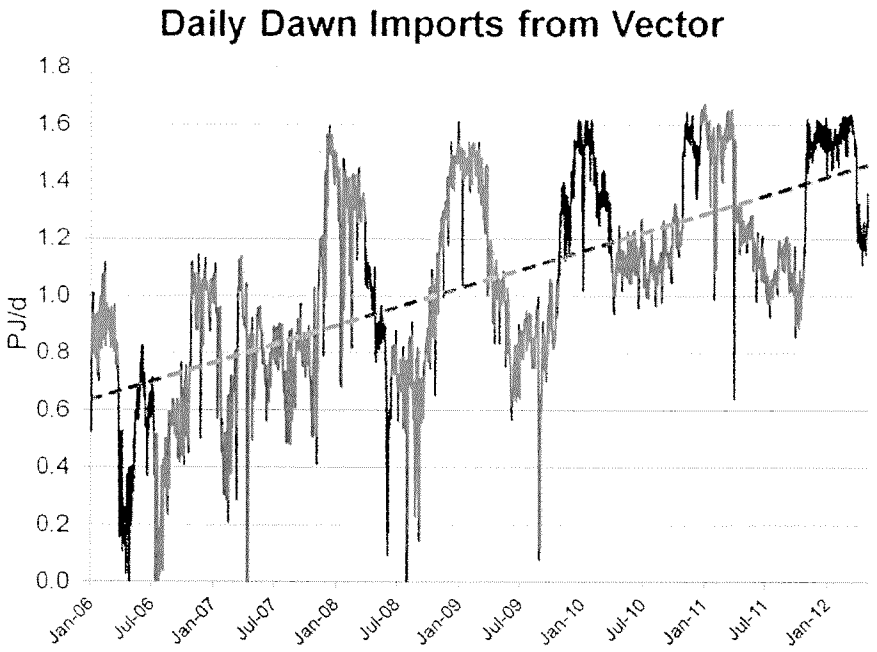
Source: Platt's Gas Daily; DTE analysis; 2012 data through August 23

Changing flows from Michigan into Ontario

GLGT ↓ - Vector ↑; All other interconnections ↑

NEXUS GAS TRANSMISSION





Flows from Great Lakes Gas Transmission have declined

Vector has taken the swing

Customers Sourcing Gas at Dawn

Customer	Receipt	Delivery	Quantity
Enbridge Gas Distribution	Dawn	Parkway/Kirkwall	2,187,702
TransCanada PipeLines Limited	Dawn	Parkway/Kirkwall	1,170,738
National Grid	Dawn	Parkway/Kirkwall	383,679
Gaz Metro Limited Partnership	Dawn	Parkway	287,000
Goreway Power Station	Dawn	Parkway	140,000
TransCanada Power	Dawn	Parkway	132,000
Portlands Energy Centre L.P.	Dawn	Parkway	100,000
Greenfield Energy Centre LP	Dawn	Dawn-Vector	92,845
York Energy Centre LP	Dawn	Parkway	76,000
Yankee Gas Services Company	Dawn	Parkway	69,056
The Southern Connecticut Gas Company	Dawn	Parkway	58,655
Consolidated Edison Company of New York, Inc.	Dawn	Parkway/Kirkwall	53,571
J. Aron & Company	Dawn	Parkway	50,000
Thorold CoGen L.P.	Dawn	Kirkwall	49,500
Connecticut Natural Gas Corporation	Dawn	Parkway	40,146
Columbia Gas of Massachusetts	Dawn	Parkway	27,803
National Fuel Gas Distribution	Dawn	Kirkwall	26,695
BP Canada Energy Group ULC	Dawn	Parkway	20,000
Vermont Gas Systems Inc.	Dawn	Parkway	20,000
U.S. Steel Canada Inc.	Dawn	Parkway	17,351
Central Hudson Gas & Electric Corporation	Dawn	Parkway	16,259
Suncor Energy Products	Dawn	Parkway	15,000
Utilities Kingston	Dawn	Parkway	13,435
TransAlta Cogeneration	Dawn	Parkway	11,809
St. Lawrence Gas Company, Inc.	Dawn	Parkway	10,785
Greater Toronto Airports Authority	Dawn	Parkway	7,500

NEXUS GAS TRANSMISSION

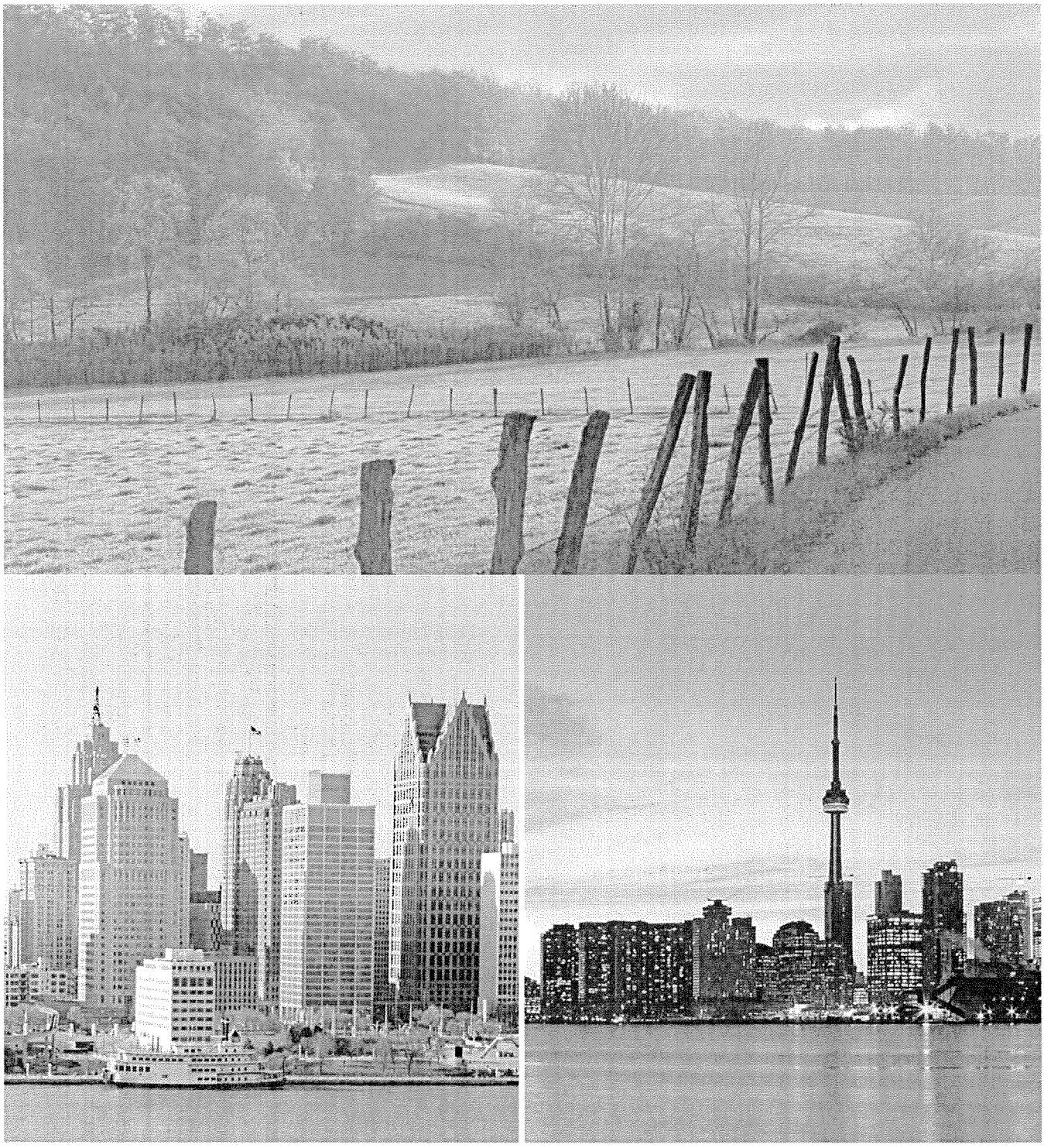
Over 5 Bcf/d of transportation contracts source gas at Dawn

Source: Union Gas Index of Transportation Customers

NEXUS
GAS TRANSMISSION

NEXUS Gas Transmission Project

Providing a seamless transportation path for emerging Utica shale gas supplies from Ohio to Michigan and Dawn, Ontario



Open Season Notice for Firm Service

October 15, 2012 – November 30, 2012

NEXUS
GAS TRANSMISSION

NEXUS Gas Transmission Project

Providing a seamless transportation path for emerging Utica shale gas supplies from Ohio to Michigan and Dawn, Ontario

DTE Energy, Enbridge Inc. and Spectra Energy Corp are jointly developing the proposed NEXUS Gas Transmission (NEXUS) project, a project designed to transport growing supplies of Appalachian Basin gas including Utica shale gas production to customers in the U.S. Midwest, including Ohio and Michigan, and to customers in Ontario, Canada including the Dawn Hub. The project will provide these regions with additional access to affordable, clean-burning and abundant natural gas supplies from the Utica shale supply basin and help meet the growing environmental need for cleaner fuels for power generation and for industrial and commercial customers, as well as home heating and domestic use. The project developers are three of the leading energy service and infrastructure companies in North America with more than a century of combined experience in developing infrastructure projects to meet the energy needs of North America.

With this Open Season, which shall run from October 15, 2012 to November 30, 2012 all parties who are interested in subscribing for long-term firm capacity on the NEXUS project are invited to submit a Service Request Form. The service commencement date for this NEXUS project is targeted for November 2016 or earlier.

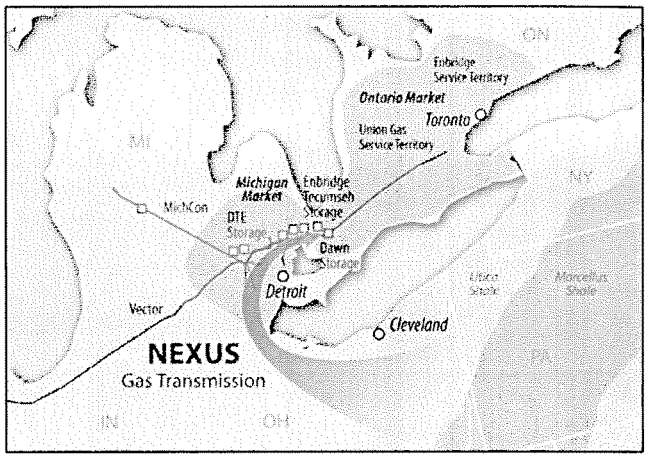
Project Description

The proposed path for the NEXUS project will consist of a newly-constructed, greenfield pipeline that will extend approximately 250 miles from receipt points in eastern Ohio to interconnects with the existing pipeline grid in southeastern Michigan. As proposed, the path will utilize both existing and expansion capacity on the interstate pipeline system owned by Vector Pipeline, L.P. (Vector) to access the Dawn Hub in Ontario. The project will be capable of transporting 1 billion cubic feet per day (Bcf/d) or more of natural gas to serve local distribution companies, industrial energy consumers and natural gas-fired power generators in the Ohio, Michigan and Ontario areas. The proposed path will utilize existing corridors and infrastructure for most of its route to facilitate timely and efficient construction and to minimize environmental and local impacts.

The initial project will include interconnects with Michigan Consolidated Gas Company and Consumers Energy in Michigan and, with the Enbridge Tecumseh storage facility and the Union Gas Dawn Hub in Ontario. Additional delivery points across northern Ohio, southeastern Michigan and southwestern Ontario will be added as necessary to serve those areas.

Project Service

The NEXUS project will provide shippers with an opportunity to obtain firm transportation service from receipt points in northeastern Ohio to multiple delivery points in Ohio, Michigan and Ontario. The NEXUS project is expected to have a capacity of 1 Bcf/d or greater. A bidder in the Open Season can qualify as an "Anchor Shipper" for the NEXUS project by submitting a bid of 150 MDth/d or greater for a term of 15 years or more. Multiple affiliates of a single entity that collectively submit bids in the aggregate totaling at least 150,000 Dth/d will, upon request, all be considered Anchor Shippers. The project developers may offer Anchor Shippers appropriate rate and rate-related incentives, including but not limited to, lower transportation rates than non-anchor shippers. The project developers are also willing to consider other appropriate incentives for Anchor Shippers.



Project Rates

Shippers will have the ability to choose to pay a cost-based recourse rate for long-term firm transportation service on the NEXUS project facilities or to pay a mutually agreeable negotiated rate for such service.

Final rates for transportation service will be determined based on actual customer subscriptions, receipt/delivery point selections, negotiated services and final project scope of facilities.

Open Season Nomination Process

During the Open Season period interested parties must submit a transportation Service Request Form, which specifies the Maximum Daily Quantity (MDQ), contract term (minimum term of 15 years), and receipt and delivery points. The Service Request Form is included in this package. The completed Service Request Form must be executed by a duly authorized representative and mailed, e-mailed or faxed, to:

5400 Westheimer Court, Houston, TX 77056
Attn: Bobby Huffman, Director, Business Development
rlhuffman@spectraenergy.com
Fax No. (713) 627-4727

The project developers reserve the right to reject any Service Request Form that is not received by November 30, 2012.

Contracting for Service

Upon the close of the Open Season, the project developers will evaluate all valid requests for service as set forth in the Service Request Forms to determine if the proposed project is economically justified. The project developers will also evaluate the availability of necessary materials, equipment

and third-party services at the time to confirm that the project can be completed in a manner that will satisfy all valid transportation requests submitted in this Open Season by the timing contemplated. If the project developers elect to proceed with the project, representatives will contact all parties who have submitted valid requests in order to finalize the terms on which service will be provided.

Any party who is awarded capacity must enter into discussions leading to a binding Precedent Agreement. *The project developers reserve the right to reject any party's valid request for service in the event a duly authorized representative of such party has not executed a binding Precedent Agreement on or before 90 days following the end of the Open Season.*

Capacity Allocation Process

In the event that executed binding Precedent Agreements are received for a quantity of project capacity that exceeds the designed project capacity that is economically justified for the of or for certain point or segment capacity, such capacity will be allocated among shippers executing binding Precedent Agreements in a not unduly discriminatory manner; first, to qualifying Anchor Shippers executing binding Precedent Agreements and, next, to other shippers that have executed binding Precedent Agreements. With respect to Anchor Shippers, the project developers will pro rate capacity on a not unduly discriminatory basis, taking into account the quantities subscribed under each such binding Precedent Agreement, the quantities associated with the primary points and primary firm paths under each such agreement, and other factors on a not unduly discriminatory basis. If, after allocating capacity to Anchor Shippers, the developers are able to accommodate some but not all of the pipeline, point or segment capacity nominated by other (non-anchor) shippers, the developers will allocate such capacity on a not unduly discriminatory basis. A shipper's status as an Anchor Shipper, and the Anchor Shipper's attendant rights, will continue to apply even if the shipper's aggregate capacity (including the capacity of its affiliates) falls below the minimum quantity required to qualify as an Anchor Shipper due to any pro rata allocation resulting from the Open Season.

Limitations and Reservations

The project developers reserve the right, in their sole discretion, to decline to proceed with the project or any portion of the project, including all or any portion of the project for which the developers have requested nominations as part of this Open Season. The project developers also reserve the right to proceed with one or more projects that may be defined through the contracting process and to develop alternative projects from the requests received during this Open Season that may be more representative of the timing requested and areas served. The project developers also reserve the right to reject any and all bids that do not satisfy the requirements set forth in this Open Season Notice. Without limiting the foregoing, the project developers may, but are not required to, reject any request for service in which the Service Request Form is incomplete, is inconsistent with the terms and conditions outlined in this Open Season Notice, contains additional or modified terms, or is otherwise deficient in any respect. The project developers reserve the right to request a nominating party to modify its proposed delivery point(s), to the extent that the developers determine that the nominated point(s) will unduly increase the cost of the overall project or otherwise adversely affect the scope of the project in light of the other nominations received prior to or as part of the Open Season. The project developers also reserve the right to reject requests for service in the event requesting parties are unable to meet applicable creditworthiness requirements. No request for service shall be binding on the project developers unless and until duly authorized representatives of both a requesting party and the project developers have executed binding Precedent Agreements.

Communications

Interested parties may contact Bobby Huffman, Spectra Energy Corp, at (713) 627-5259, Mark Bering, DTE Energy, at (313) 235-6531, or Rene Dartez, Enbridge Inc., at (713) 821-2004 to discuss any questions or to seek additional information about this Open Season.

DTE Energy (NYSE:DTE) is a Detroit-based diversified energy company involved in the development and management of energy-related businesses and services nationwide. Its operating units include Detroit Edison, an electric utility serving 2.1 million customers in Southeastern Michigan, MichCon, a natural gas utility serving 1.2 million customers in Michigan and other non-utility, energy businesses focused on gas storage and pipelines, unconventional gas production, power and industrial projects, and energy trading. Information about DTE Energy is available at www.dteenergy.com.

Enbridge Inc. (NYSE:ENB) is a North American leader in delivering energy and one of the Global 100 Most Sustainable Corporations. As a transporter of energy, Enbridge operates in Canada and the U.S., the world's longest crude oil and liquids transportation system. The Company also has a significant growing investment in natural gas gathering, transmission and midstream businesses, and an increasing involvement in power transmission. As a distributor of energy, Enbridge owns and operates Canada's largest natural gas distribution company, and provides distribution services in Ontario, Quebec, New Brunswick and New York State. As a generator of energy, Enbridge has interests in close to 860 megawatts of renewable and alternative energy generating capacity and is expanding its interests in wind and solar energy, geothermal and hybrid fuel cells. Enbridge is ranked as one of Canada's Greenest Employers and one of the Top 100 Companies to Work for in Canada. For more information, visit www.enbridge.com.

Spectra Energy Corp (NYSE: SE), a FORTUNE 500 company, is one of North America's premier natural gas infrastructure companies serving three key links in the natural gas value chain: gathering and processing, transmission and storage, and distribution. For more than a century, Spectra Energy and its predecessor companies have developed critically important pipelines and related infrastructure connecting natural gas supply sources to premium markets. Based in Houston, Texas, the company's operations in the United States and Canada include more than 19,000 miles of transmission pipeline, approximately 305 billion cubic feet of storage, as well as natural gas gathering and processing, natural gas liquids and local distribution operations. The company also has a 50 percent ownership in DCP Midstream, one of the largest natural gas gatherers and processors in the United States. Spectra Energy is a member of the Dow Jones Sustainability World and North America Indexes and the Carbon Disclosure Project's Global 500 and S&P 500 Carbon Disclosure Leadership Indexes. For more information, visit www.spectraenergy.com.

NEXUS Gas Transmission Project
Open Season for Firm Transportation Capacity
Service Request Form

NEXUS GAS TRANSMISSION

Shipper Information

Company _____

Contact _____

Address _____

Telephone _____ Fax _____

E-mail _____

Maximum Daily Quantity **Term (15 year minimum)**

_____ _____

Receipt Point(s)	Quantity (Dth/d)	Delivery Point(s)	Quantity (Dth/d)

Signature of Requestor/Customer:

_____ _____ _____

Name Title Date

By completing this Service Request Form, subject to the acceptance of shipper's request for service and shipper's receipt of notification from of the quantities of capacity allocated to shipper, shipper hereby agrees to enter into negotiations with the objective to enter into a binding Precedent Agreement with the project company. If shipper does not enter into a binding Precedent Agreement, the project developers reserve the right to reject shipper's request for service as set forth in this Service Request Form.

If you have any questions, please contact the representative listed below. In addition, please send your completed Service Request Form to:

Bobby Huffman, Director, Business Development
5400 Westheimer Court
Houston, TX 77056

713-627- 4727 *fax*
rlhuffman@spectraenergy.com

Should you have any questions about the NEXUS Gas Transmission Project or the Service Request Form, please contact Bobby Huffman at (713) 627-5259, Mark Bering at (313) 235-6531, or Rene Dartez at (713) 821-2004.

NEXUS

GAS TRANSMISSION

NEXUS Gas Transmission

Houston Business Meeting

February 2013

DTE Energy

ENBRIDGE

Spectra Energy

Welcome!

NEXUS GAS TRANSMISSION

- Thank you for your attendance and support
- Purpose of the meeting
  - bring together potential NEXUS customers
  - provide updates for the pipeline, the Utica/Marcellus production and the market
  - promote dialogue between the various interested parties
  - provide opportunities for networking and relationship building

Agenda

NEXUS GAS TRANSMISSION

1:30 – 2:00	Registration
2:00 – 2:15	Opening Remarks
2:15 – 2:30	Pipeline Update and Q&A
2:30 – 3:30	Market Panel and Q&A
3:30 – 3:45	Break
3:45 – 4:10	Utica Supply Fundamentals
4:10 – 4:50	Producer Panel and Q&A
4:50 – 5:00	Wrap Up, Closing Remarks
5:00 – 6:00	Networking Reception at Post Oak
6:30	Dinner at Masraff's

NEXUS

GAS TRANSMISSION

NEXUS – Pipeline Update

Mark Bering
DTE Pipeline Company

DTE Energy

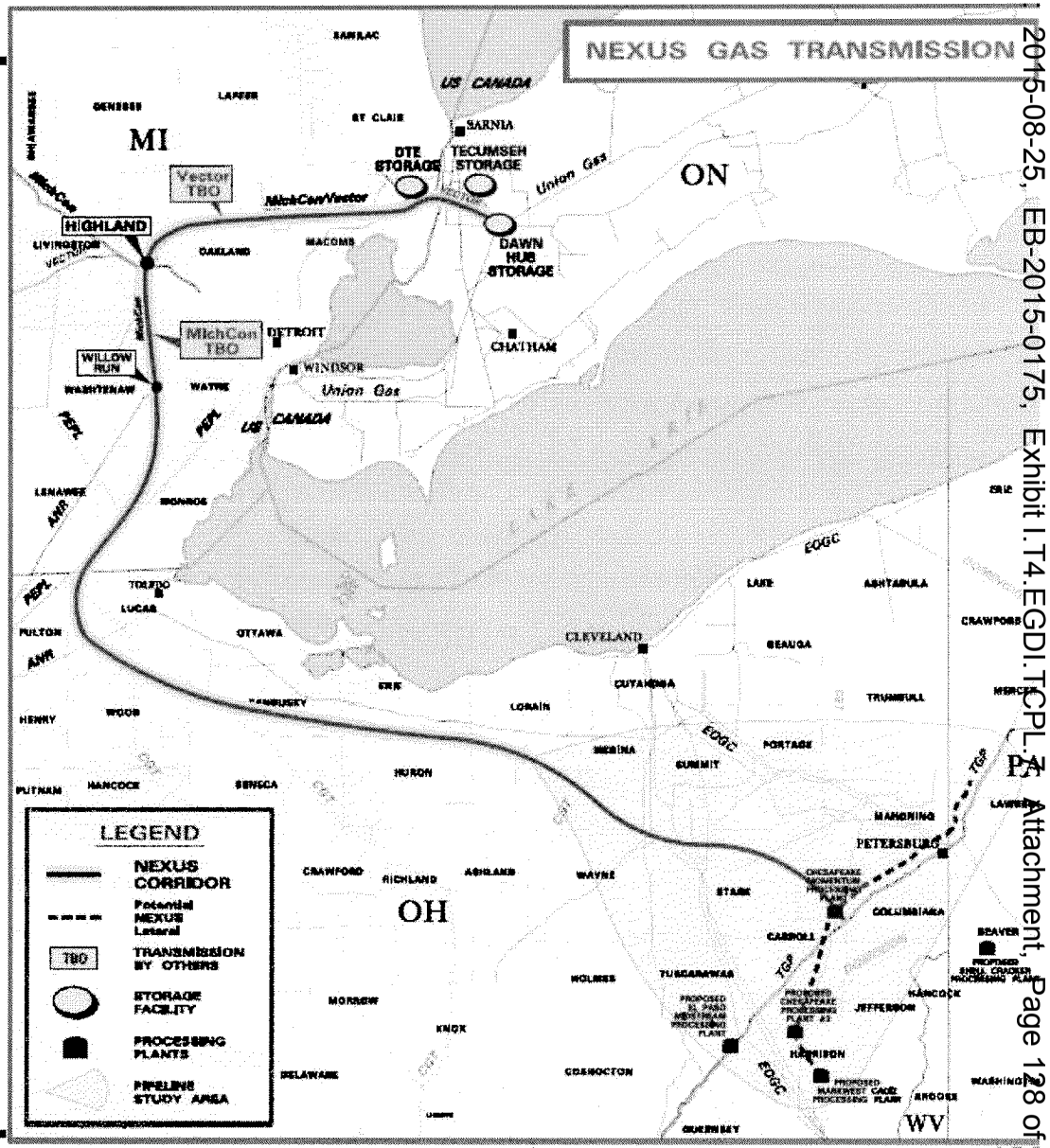
ENBRIDGE

Spectra Energy

NEXUS Route Update

NEXUS GAS TRANSMISSION

- Main route from M3 Kensington plant and TGP in Columbiana OH to MichCon, Vector and Dawn
- Potential laterals to Mahoning OH, Lawrence/Mercer PA and Harrison OH
- We were evaluating multiple corridors across Ohio
  - Selected and finalized pipeline corridor
  - Evaluating exact routes within corridor
  - 75% of corridor will be co-located to minimize impacts
- Route to Dawn will use transportation on MichCon and Vector
  - Transportation By Others (TBO) minimizes facilities, environmental impacts and costs
  - MichCon can be easily expanded, as needed, primarily with compression
  - Vector can be easily expanded, as needed, primarily with looping. Uses existing international river crossing.



NEXUS Costs & Schedule

NEXUS GAS TRANSMISSION

Further refinement of capital costs based on detailed route work

Still on track for an $0.80/Dth rate

Still planning an in service date of November 2016

Need to do significant work to prepare for a FERC pre-filing in November 2013

Key items over the next 6 months include:

- Stakeholder / Landowner Outreach
- Environmental Assessment
- Engineering and ROW Refinement
- Complete PA's with Shippers

NEXUS is continuing to make progress

NEXUS Is The Market for Utica/Marcellus

NEXUS GAS TRANSMISSION

Overwhelming support from the market

- Including 3 of the 4 large LDC's in Michigan and Ontario, Ohio LDC, power generators (in Ohio, Michigan and Ontario) and industrials
- Producers will be able to sell to the Market at the Central Receipt Point
- Market will hold the capacity on their balance sheets

NEXUS connects directly to the Michigan and Dawn Hubs

- Large, liquid, growing demand centers
- Over 800 Bcf of storage in the Michigan/Dawn region
- MichCon/Dawn is a supply point for the Midwest, Northeast and Eastern Canada
- Producers will always find a buyer for their residue gas

NEXUS needs both market support and producer support to move forward

Producer commitment for 0.5 Bcf/d will secure 1.0 Bcf/d of new market for Utica/Marcellus production

"Two for the price of one"

Producer commits to 1 Dth/d of transport and gets access to 2 Dth/d of new market

Market commits to 1 Dth/d of transport and gets access to 2 Dth/d of new supply

NEXUS
GAS TRANSMISSION

Market Panel and Q&A

Mark Stiers	Chris Shorts	Jamie LeBlanc	Josée Duhaime
DTE Gas	Union Gas	Enbridge Gas	GMi

DTE Energy

ENBRIDGE

Spectra Energy

NEXUS
GAS TRANSMISSION

Utica Supply Fundamentals

Sesha Narayan
DTE Energy

DTE Energy

ENBRIDGE

Spectra Energy

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GAS TRANSMISSION

Producer Panel and Q&A

Alan Kinzy
Total

Tim Weithman
BP

Andy Levine
Chesapeake

DTE Energy

ENBRIDGE

Spectra Energy

Wrap Up

NEXUS GAS TRANSMISSION

Thank you
for your support and attention

Reception until 6pm

Walk over to Masraff's for 6:30pm

NEXUS
GAS TRANSMISSION

Utica Supply Fundamentals

Sesha Narayan
DTE Energy

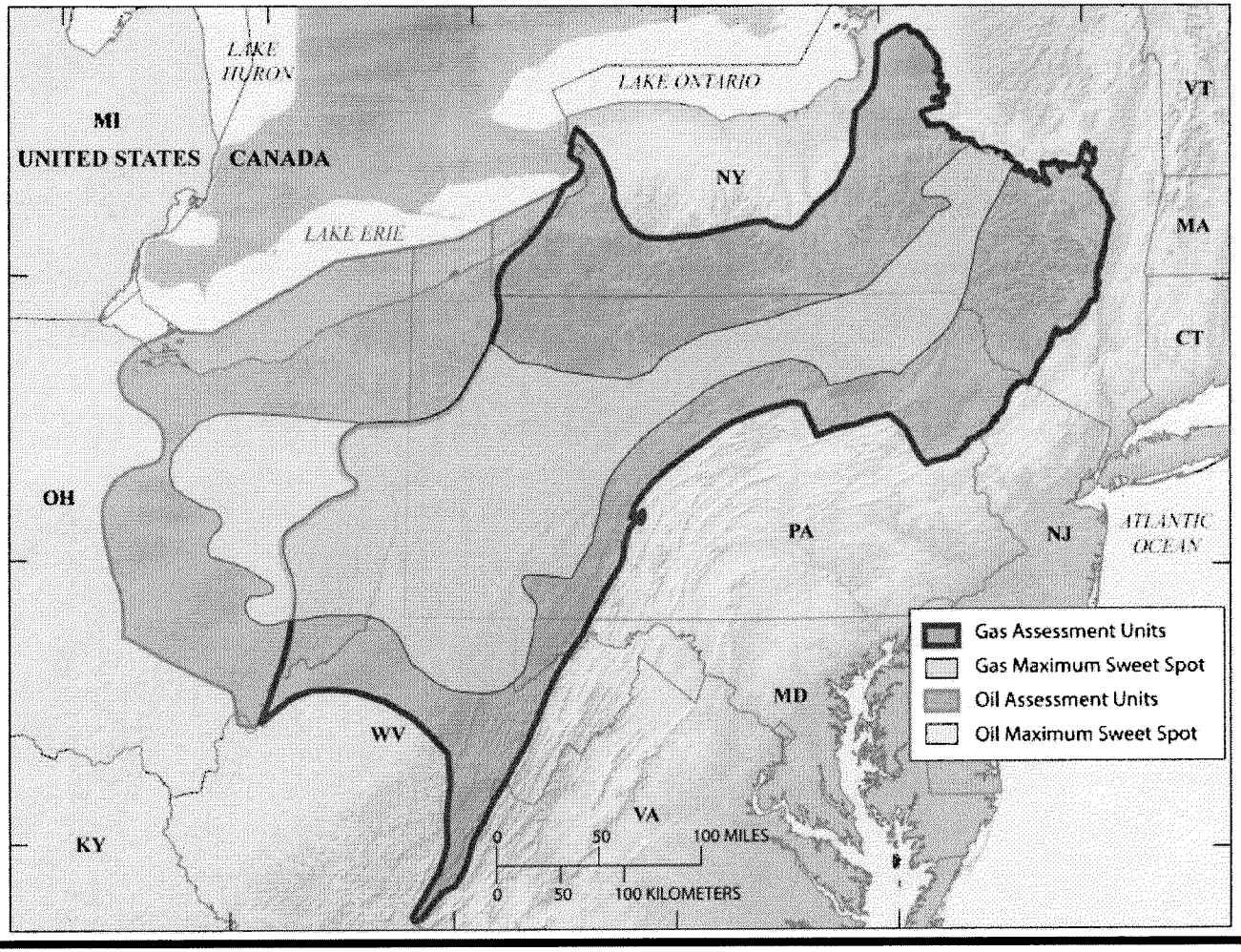
DTE Energy

ENBRIDGE

Spectra Energy

U.S. Geological Survey map defining the gas and oil portions of the Utica shale

NEXUS GAS TRANSMISSION

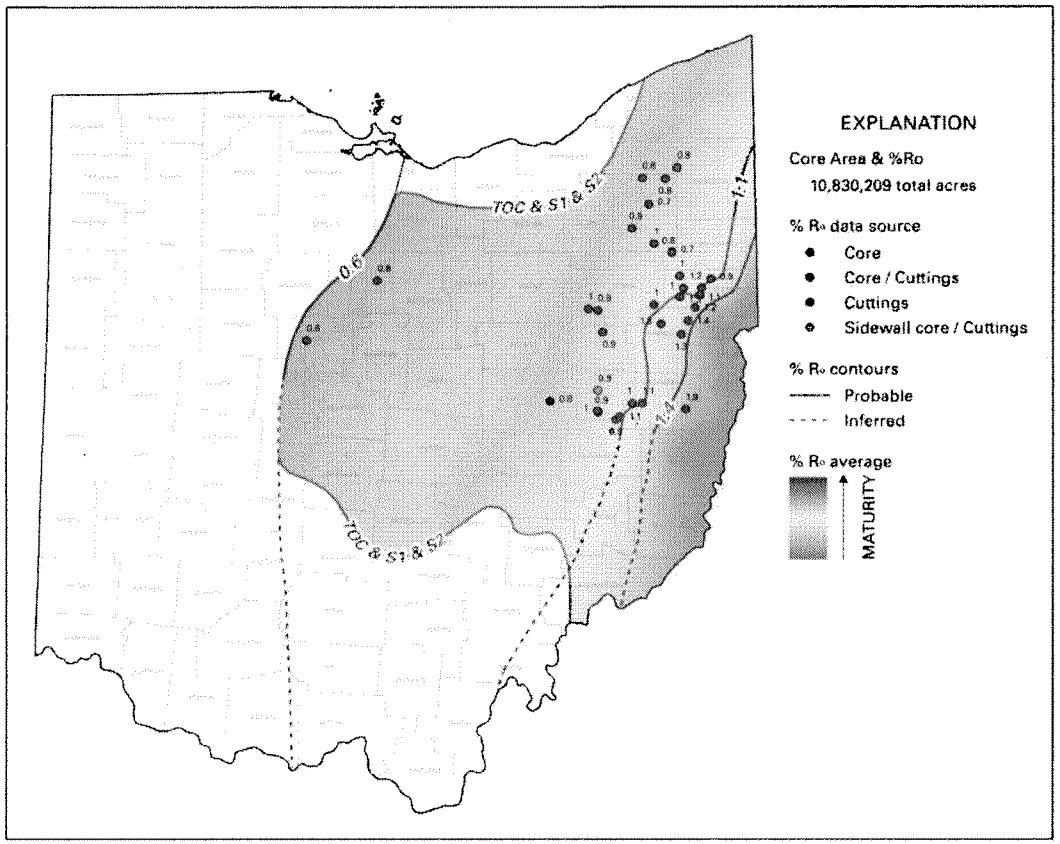


Source: USGS September 2012

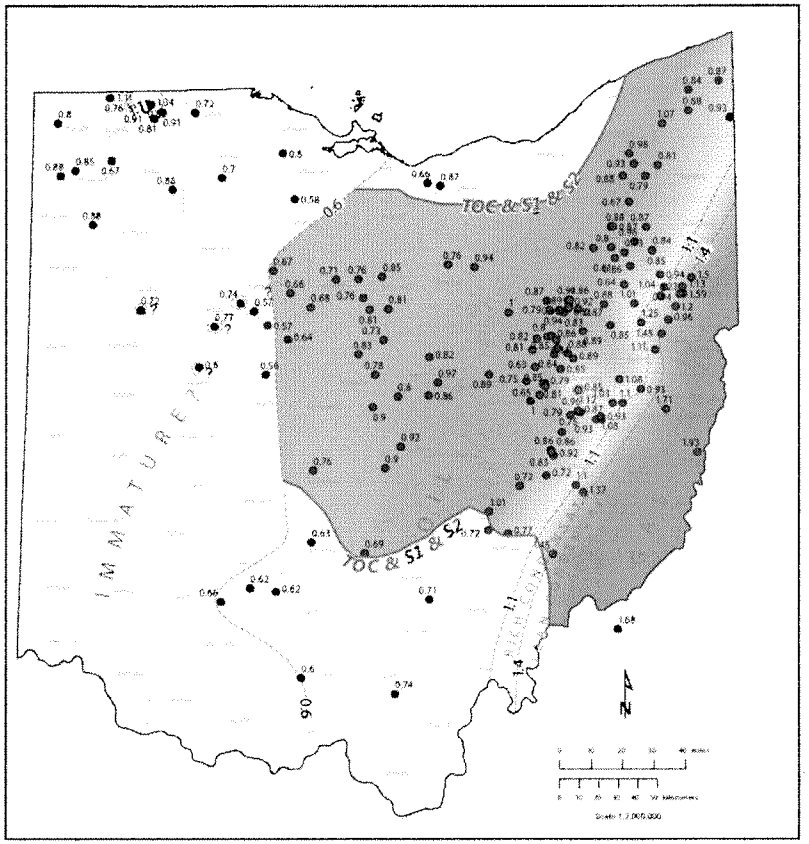
Delineation of the lean gas, wet gas and oil windows continues to evolve

NEXUS GAS TRANSMISSION

ODNR Map April 2, 2012



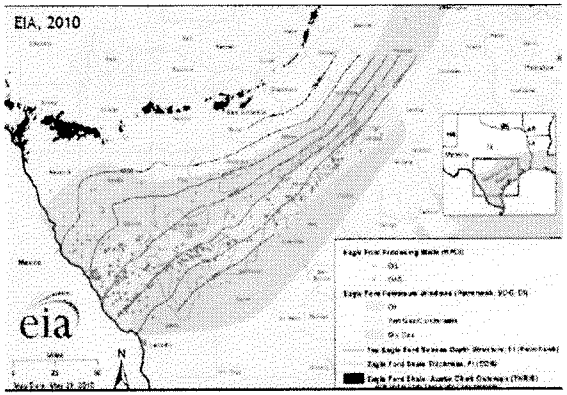
ODNR Map Nov. 23, 2012

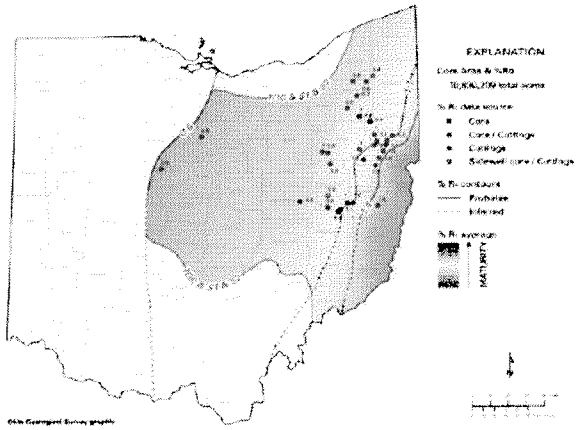


Source: Ohio Geological Survey 4/2/12; 11/23/2012

Based on geology, the combined Utica and Point Pleasant formation is comparable to the Eagle Ford shale

NEXUS GAS TRANSMISSION





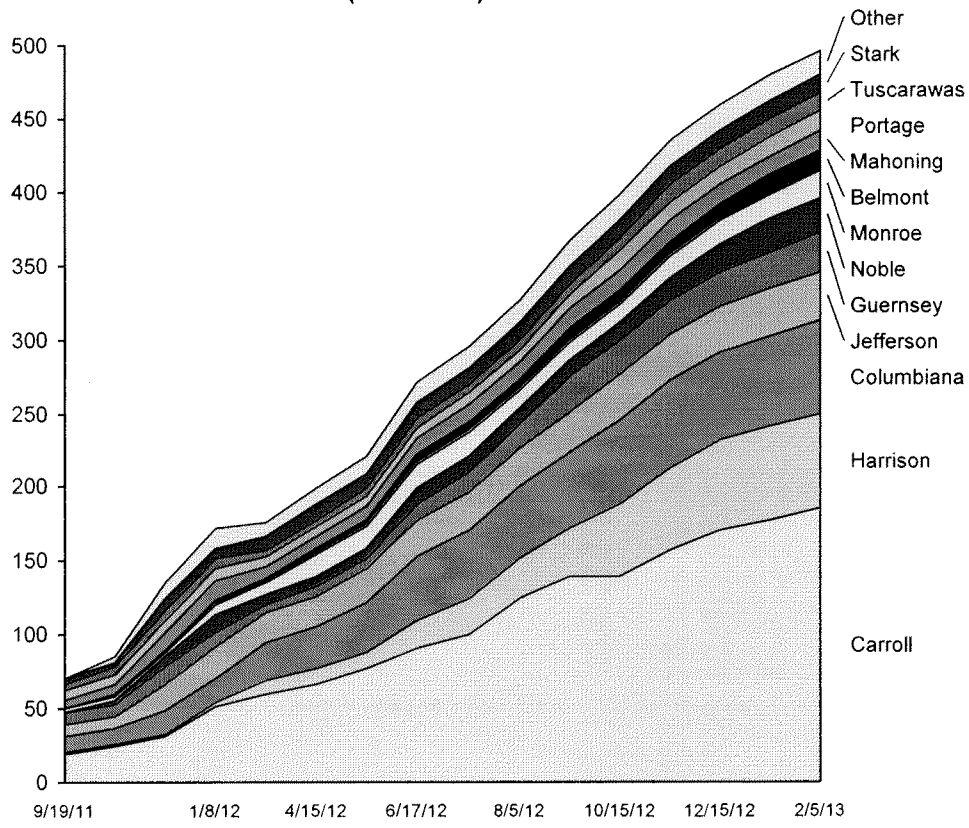
	Eagle Ford	Utica + Point Pleasant
Area (sq. miles / acres)	20,000 / 12.8 million	17,000 / 10.9 million
Net thickness (ft)	324	290
Porosity	6.5%	4.2%
Water saturation	15.5%	9.5%
Permeability	360 Nd	546 Nd

Source: Ohio Department of Natural Resources, Division of Geological Survey April 2012; Gulfport presentation September 2012; Chesapeake 2012 Q2 earnings call

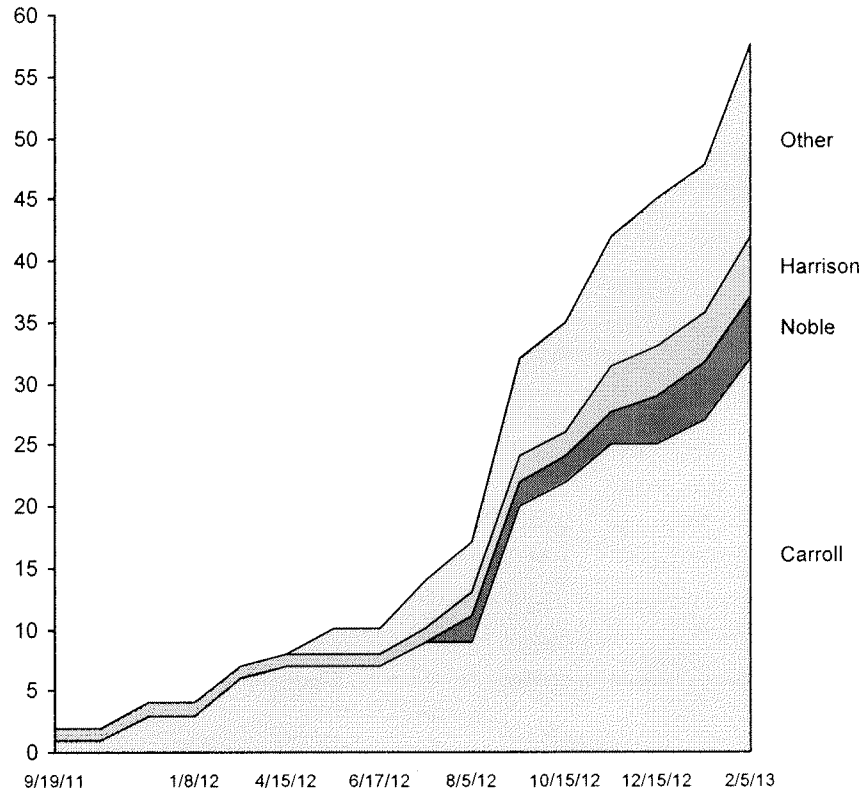
Pace of development in the Ohio Utica Shale has increased substantially over the last 18 months

NEXUS GAS TRANSMISSION

Total Well Activity*
(# of wells)

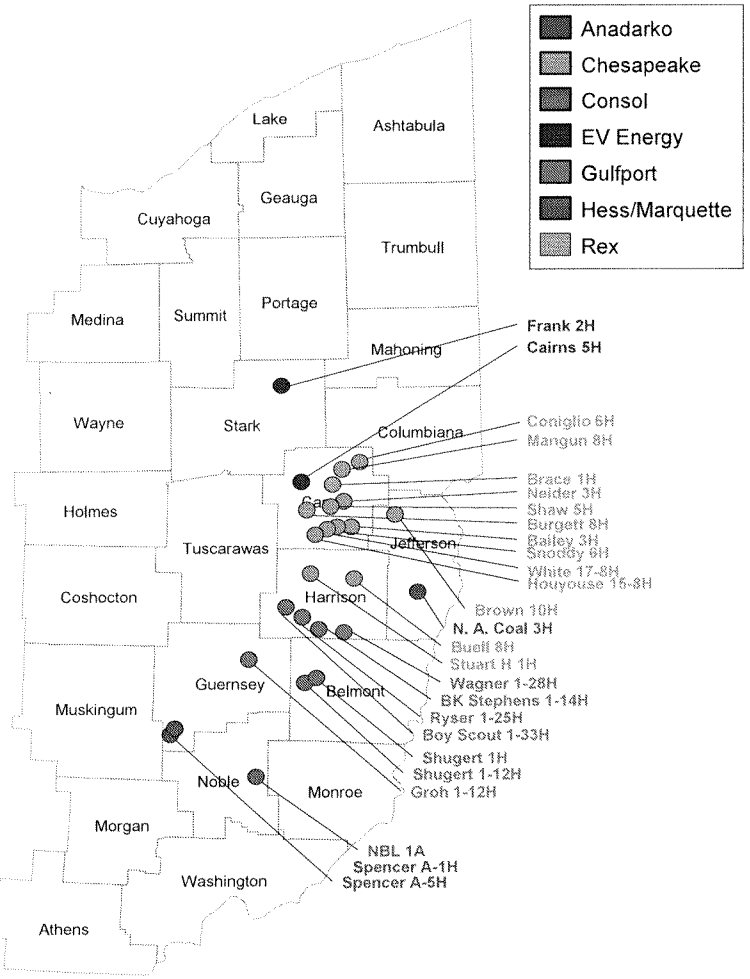


Number of producing wells



* Total = Producing wells + Wells completed, drilled, drilling + Remaining permits
Source: Ohio Department of Natural Resources through February 9, 2013

Well economics in the Utica shale have been very strong



Producer	County	Well Name	30 Day IP Boe/d	Oil	NGL	Gas	IRR[1]
Gulfport	Belmont	Shugert 1-12H	6,373	4%	36%	60%	168%
Gulfport	Belmont	Shugert 1H	4,389	3%	36%	61%	90%
Gulfport	Harrison	Boy Scout 1-33H	3,003	42%	27%	32%	175%
Gulfport	Harrison	Ryser 1-25H	2,498	48%	21%	32%	148%
Gulfport	Harrison	BK Stephens 1-14H	2,406	41%	25%	34%	124%
Gulfport	Harrison	Wagner 1-28H	4,135	8%	36%	55%	109%
Chesapeake	Harrison	Buell 8H	2,977	19%	19%	62%	91%
Chesapeake	Harrison	Stuart H1H	662	25%	20%	55%	13%
Gulfport	Guernsey	Groh 1-12H	1,616	59%	18%	23%	93%
Anadarko	Guernsey	Spencer A-1H	533	87%		13%	18%
Anadarko	Guernsey	Spencer A-5H	533	87%		13%	18%
EV Energy	Carroll	Cairns 5H	1,347	43%	35%	22%	53%
Chesapeake	Carroll	Shaw 5H	1,147	54%	13%	34%	46%
Chesapeake	Carroll	Burgett 8H	969	59%	12%	29%	38%
Chesapeake	Carroll	Neider 3H	1,292	30%	30%	39%	38%
Chesapeake	Carroll	Mangun 8H	1,226	33%	33%	34%	33%
Chesapeake	Carroll	Houyouse 15- 8H	1,388	27%	19%	54%	32%
Chesapeake	Carroll	White 17- 8H	1,088	29%	21%	50%	22%
Chesapeake	Carroll	Snoddy 6H	1,017	25%	20%	55%	16%
Chesapeake	Carroll	Bailey 3H	1,142	41%	36%	23%	15%
Rex	Carroll	Brace 1H	876	26%		74%	14%
Chesapeake	Carroll	Coniglio 6H	900	26%		74%	10%
Hess/Marquette	Jefferson	N. A. Coal 3H	1,470			100%	23%
Chesapeake	Jefferson	Brown 10H	1,162			100%	17%
Consol	Noble	NBL 1A	1,210	1%		99%	20%
EV Energy	Stark	Frank 2H	698	19%	14%	67%	13%

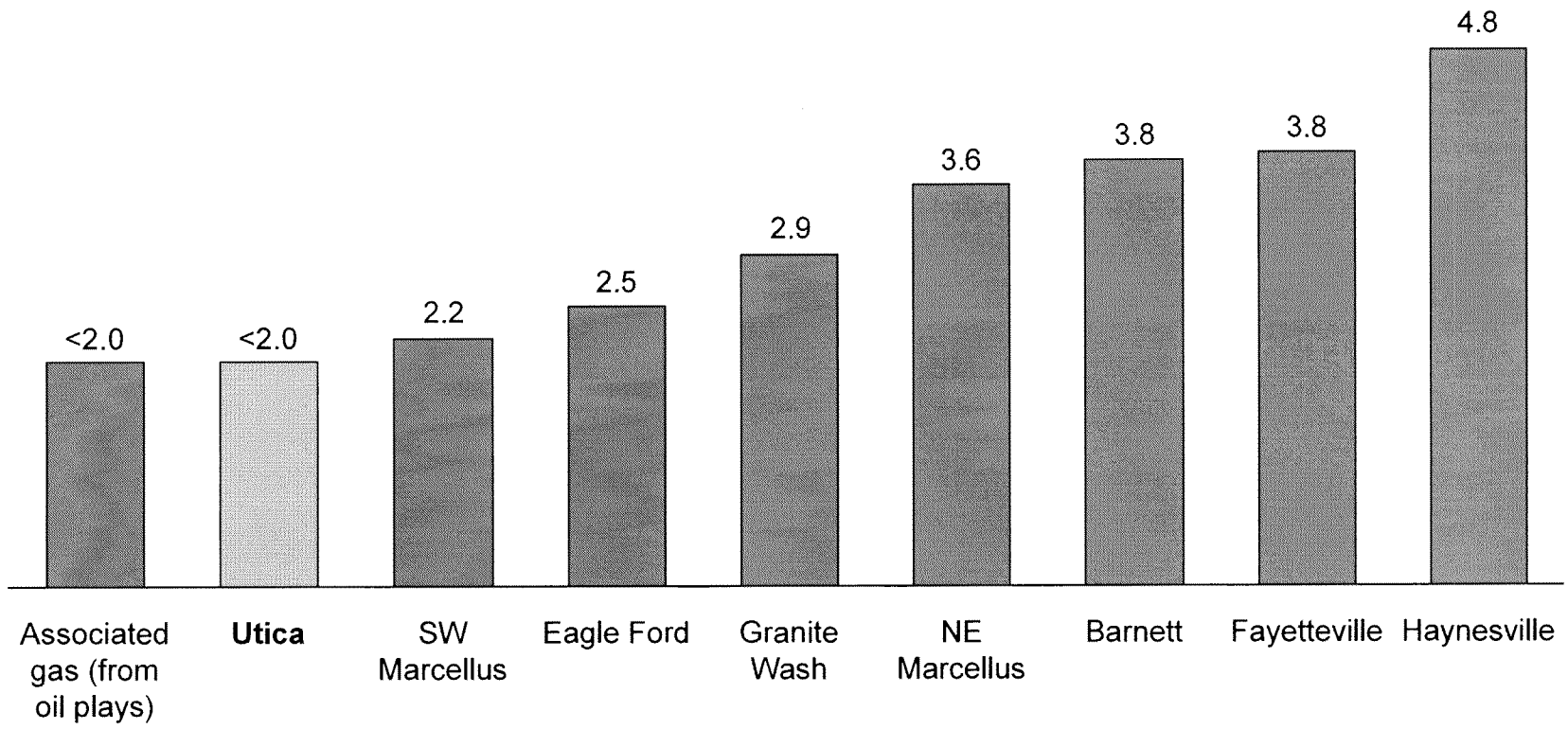
1. Assumes $80/bbl crude price, $3.5 natural gas price, ethane sold as $3.5 gas and NGLs priced at 33% of crude (2012 YTD average); assumes well capex of $7.5 MM

Source: Producer press releases; NEXUS analysis

Natural gas from the Utica Shale is among the lowest cost supplies available

NEXUS GAS TRANSMISSION

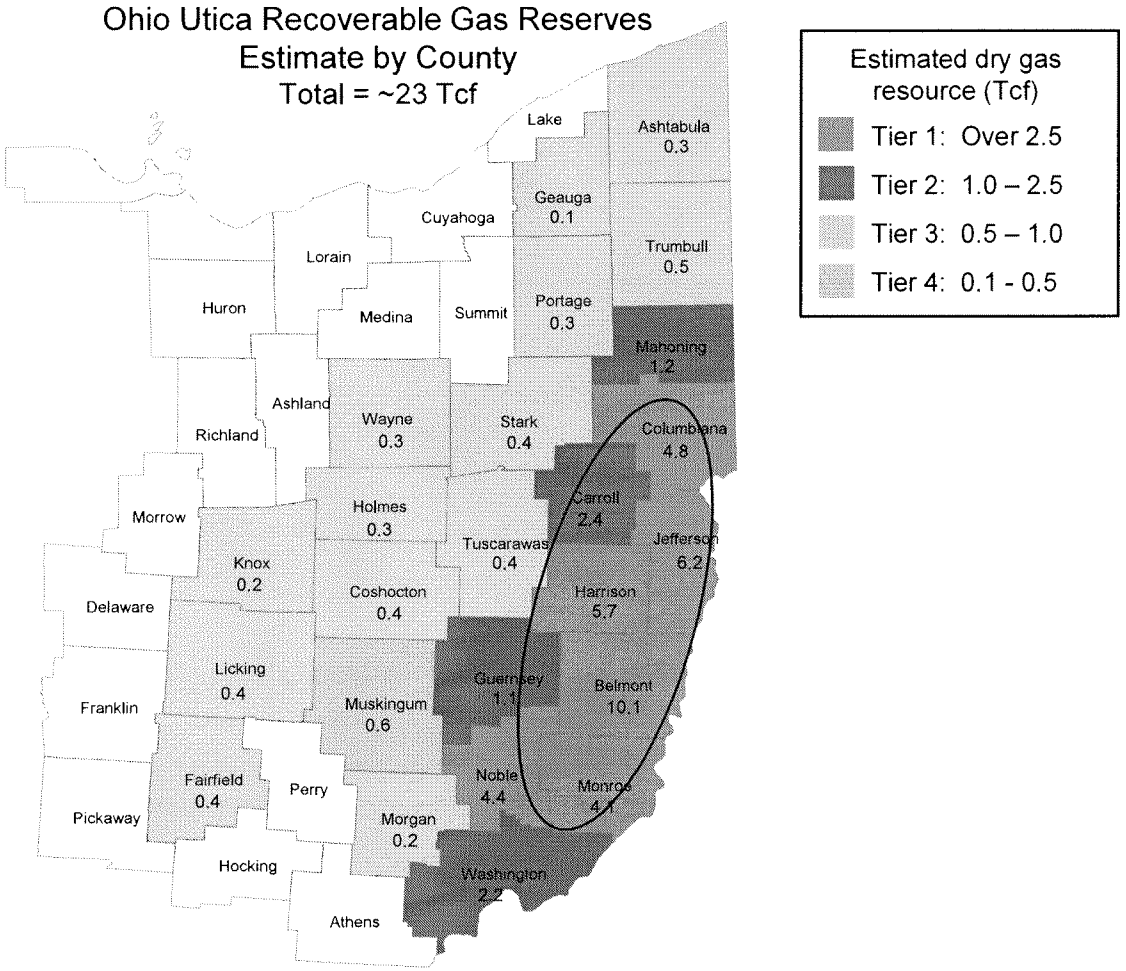
Breakeven Cost of Supply[1] ($/MMBtu)



1. 2015 breakeven cost of new supply at after-tax 10% IRR
Source: Wood Mackenzie, NEXUS analysis

We estimate that just 4 counties in Ohio – Harrison, Belmont, Carroll and Jefferson – could hold ~23 Tcf of recoverable gas reserves

NEXUS GAS TRANSMISSION



- Estimate based on limited public data (well results for 28 wells in 8 Ohio counties)
- As more data becomes available, lower tier counties may improve
- Counties across the Ohio border in Pennsylvania are also likely to have material gas reserves

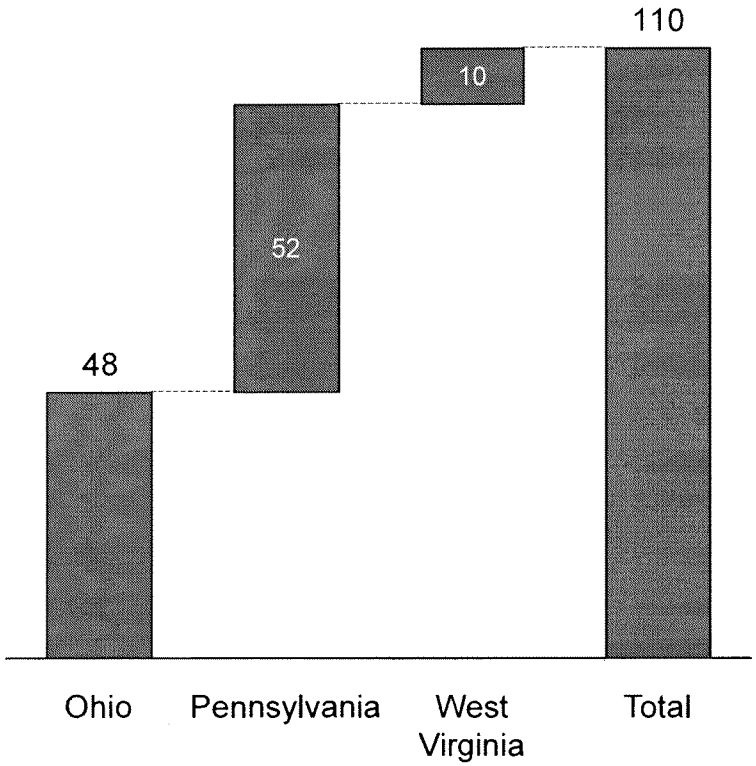
Source: NEXUS Modeling

A bottoms-up estimate of Utica's resource potential suggests recoverable gas reserves of ~110 Tcf

NEXUS GAS TRANSMISSION

Total reserves = acreage[1] * wells per acre[2] * success factor[3] * EUR per well[4]

Estimated dry gas reserves (Tcf)



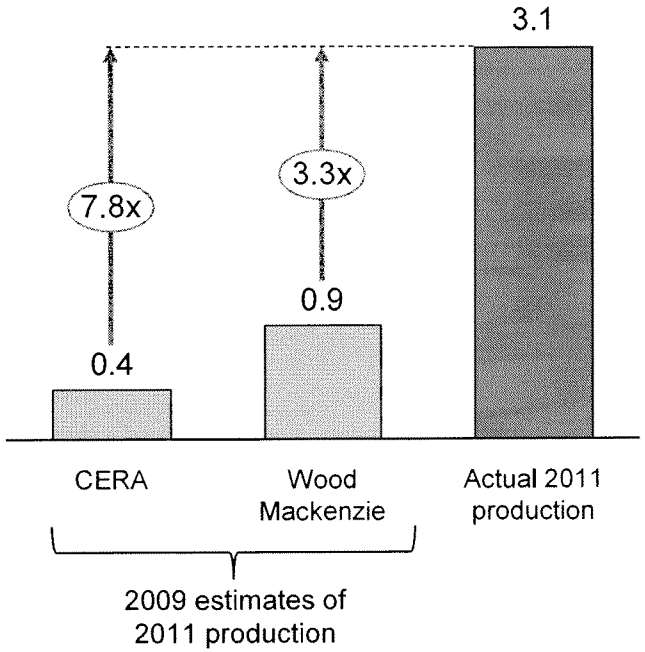
- We estimate that Ohio accounts for 48 Tcf or ~45% of total Utica dry gas reserves
- We also estimate that Ohio accounts for ~60% of the NGLs and ~80% of the oil resource in the Utica, thus making it the most economic area for drilling
- Pennsylvania also has significant gas reserves
- Important to note that our Utica production forecast assumes that only Ohio gets drilled out

1. By window, from Ohio Geographic Survey, adjusted by population density. Only includes prospective area and excludes federal lands
2. Assumed 160 wells/acre based on current spacing
3. Higher where wells currently in production; lower the further away from existing production
4. Varies based on actual results by county

We know that industry consultants tend to be very conservative in their forecast for emerging shales

NEXUS GAS TRANSMISSION

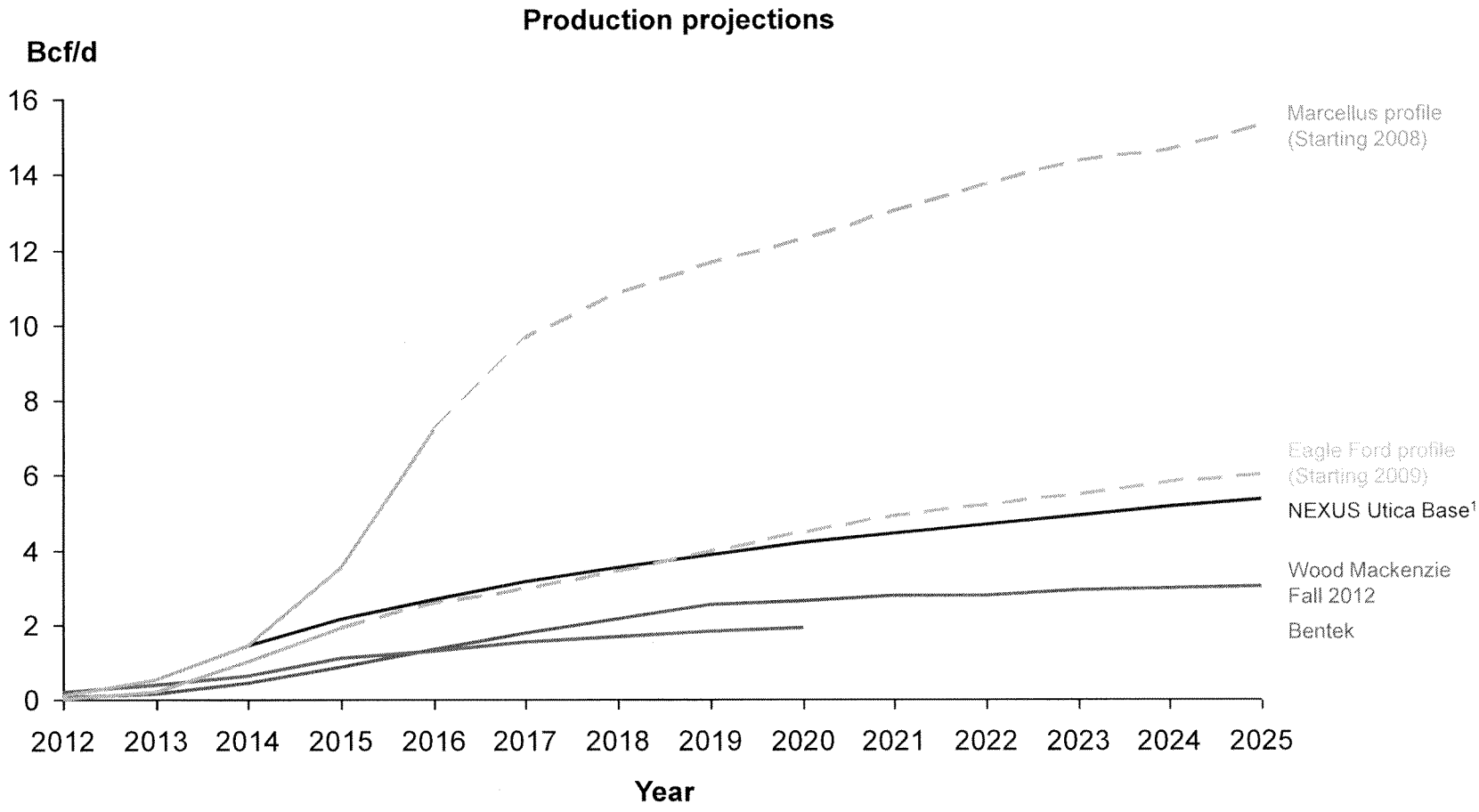
Marcellus Production Forecasts vs. Actual (Bcf/d)



Source: CERA, Wood Mackenzie, NEXUS analysis

Our Utica forecast seems reasonable given what has played out in other shale plays like the Marcellus and the Eagle Ford

NEXUS GAS TRANSMISSION



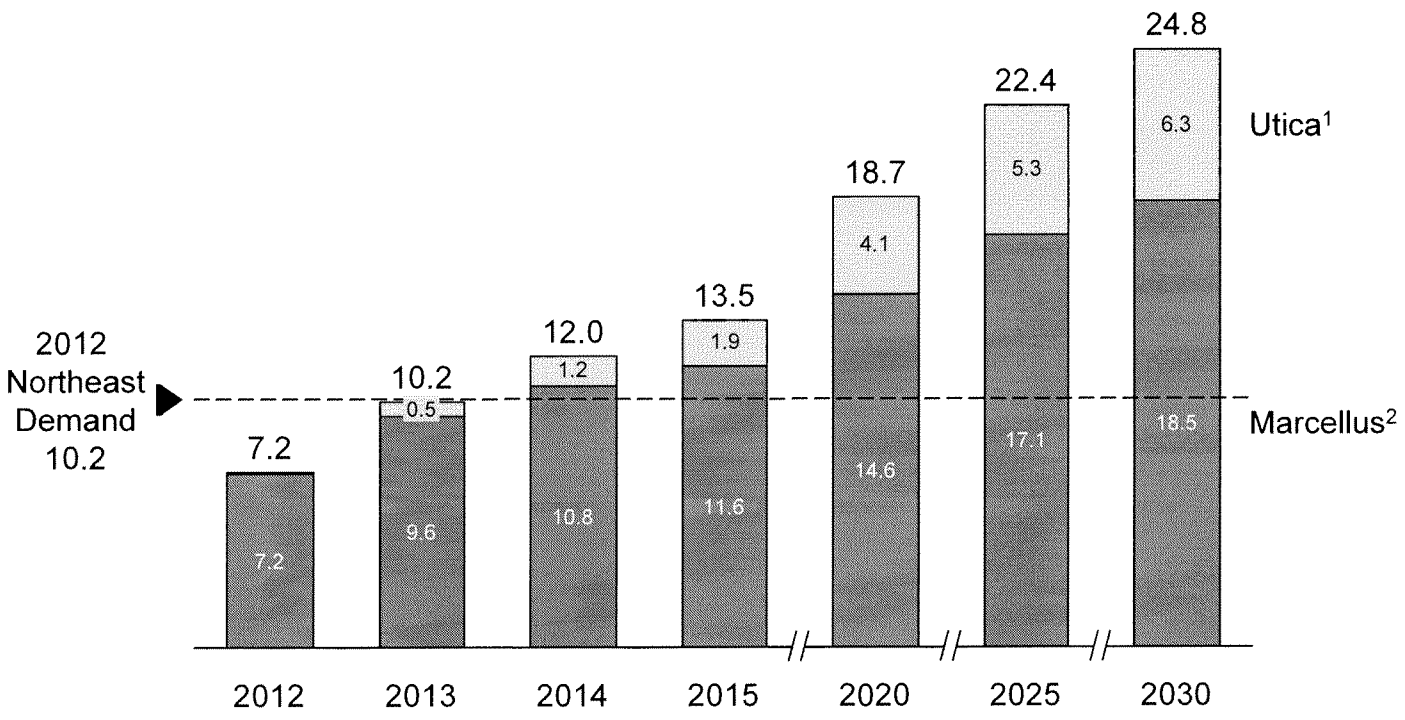
1. NEXUS base forecast only assumes that the Ohio Utica gets developed

Source: Wood Mackenzie; Bentek; NEXUS modeling

Marcellus/Utica gas production is expected to significantly exceed Northeast demand and drive the need for pipeline takeaway to liquid markets

NEXUS GAS TRANSMISSION

Marcellus and Utica Shale Production (Bcf/d)



1. Utica production is based on NEXUS modeling
2. Marcellus production is WoodMac's Feb 2013 forecast for 2013-2014 and we have adjusted their long term view based on their recent forecast

Summary

NEXUS GAS TRANSMISSION

- Our early analysis indicates that the Utica shale should contain a substantial amount of gas, NGL and oil reserves
- The Ohio Utica which accounts for ~45% of the gas, ~60% of the NGL and ~80% of the oil resource in the Utica, exhibits very strong economics even at low gas and NGL prices, thus, it has become a key area of focus for large producers
- Therefore, our early thesis is that the pace of development in the Utica should accelerate and growth profile should be similar to that of the Eagle Ford shale

Enbridge Gas Distribution Inc. - Gas Supply

February 2013

EGD Franchise

Distribution

Customers: 2.0 million

Distribution Pipe: 35,000 km

Markets Served: Toronto, Ottawa, Niagara

Annual Throughput

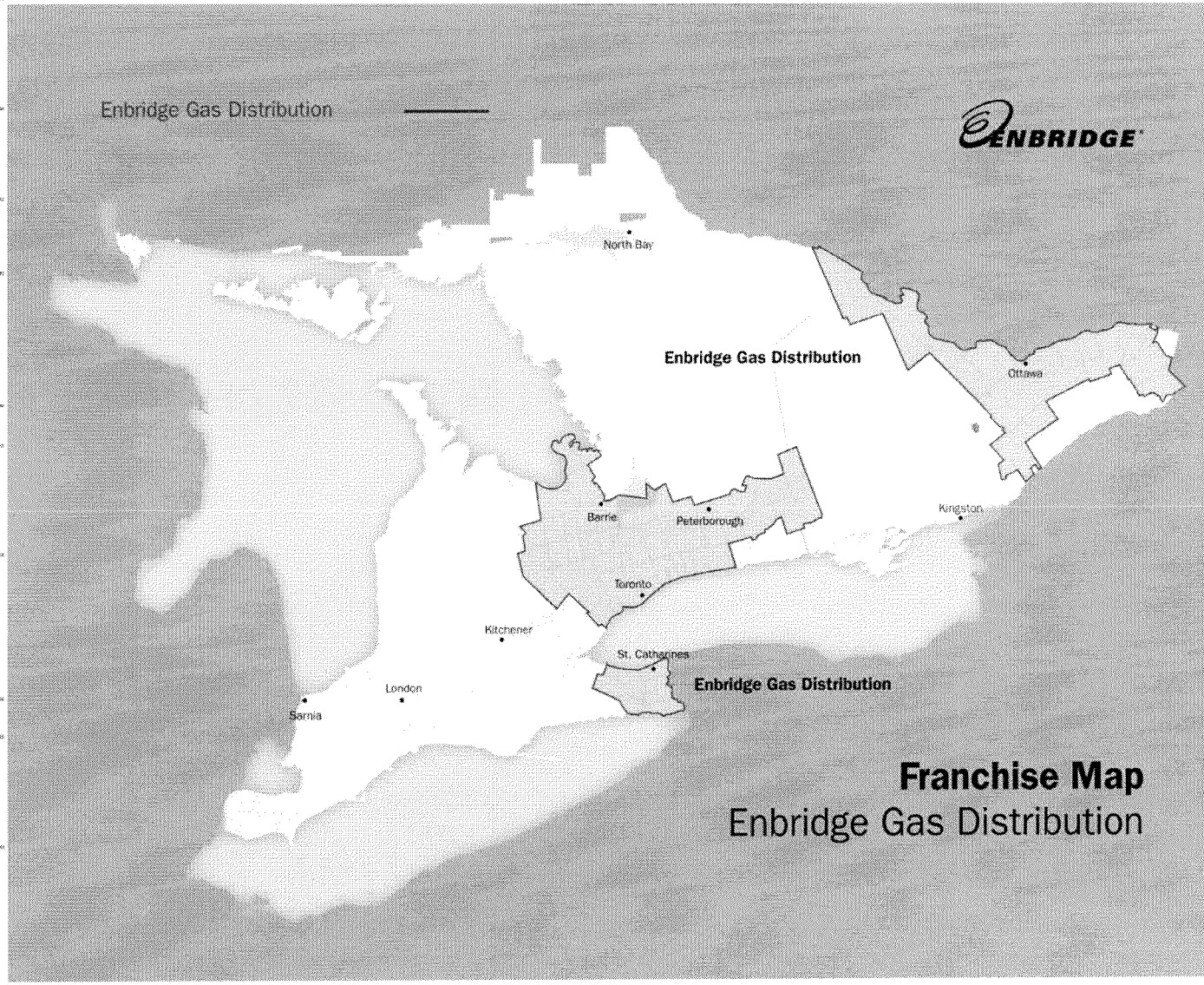
Total: 408 Bcf

Direct Purchase: 153 Bcf

Storage

Regulated: 91 Bcf

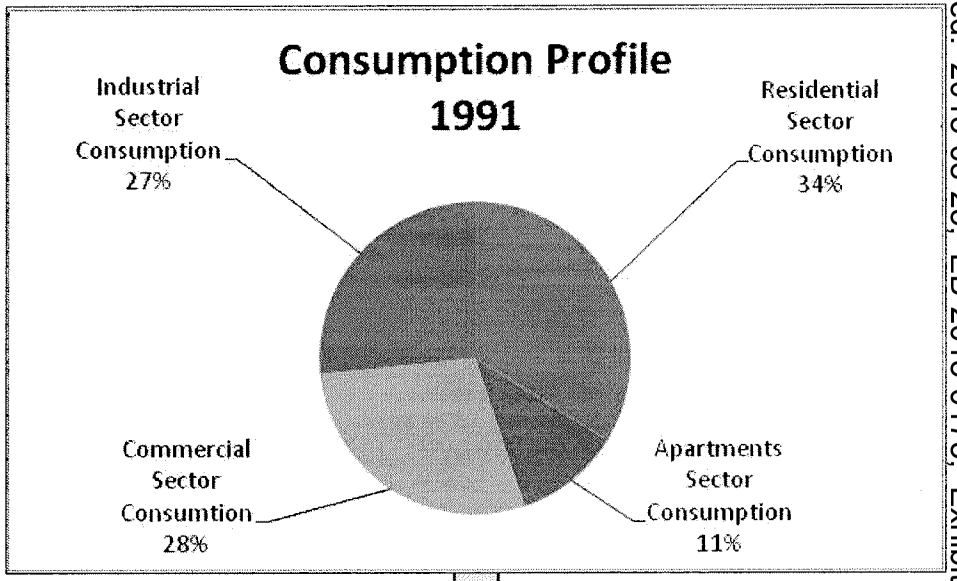
Unregulated: 14 Bcf

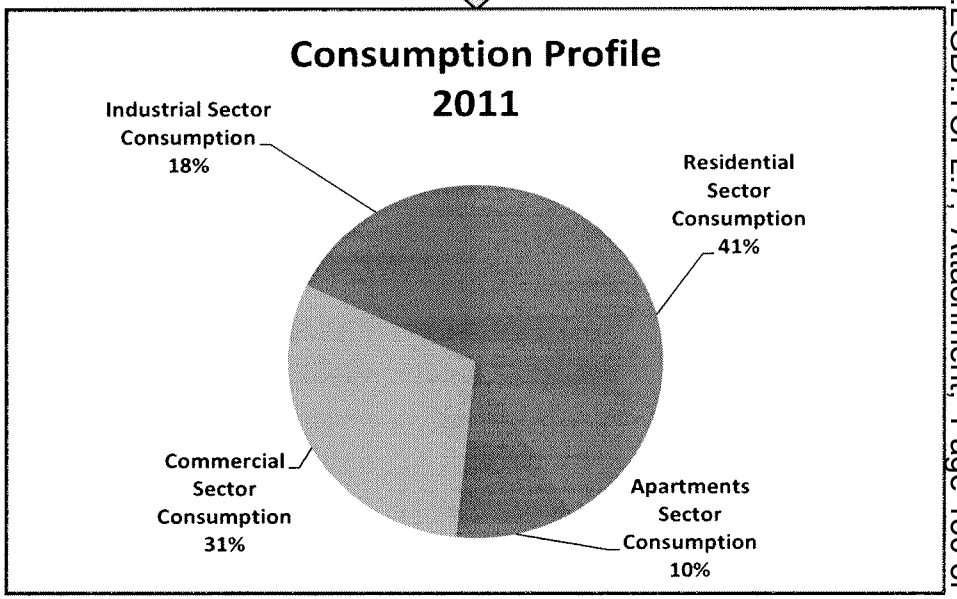


ENBRIDGE

Enbridge – Customer Demand Profile

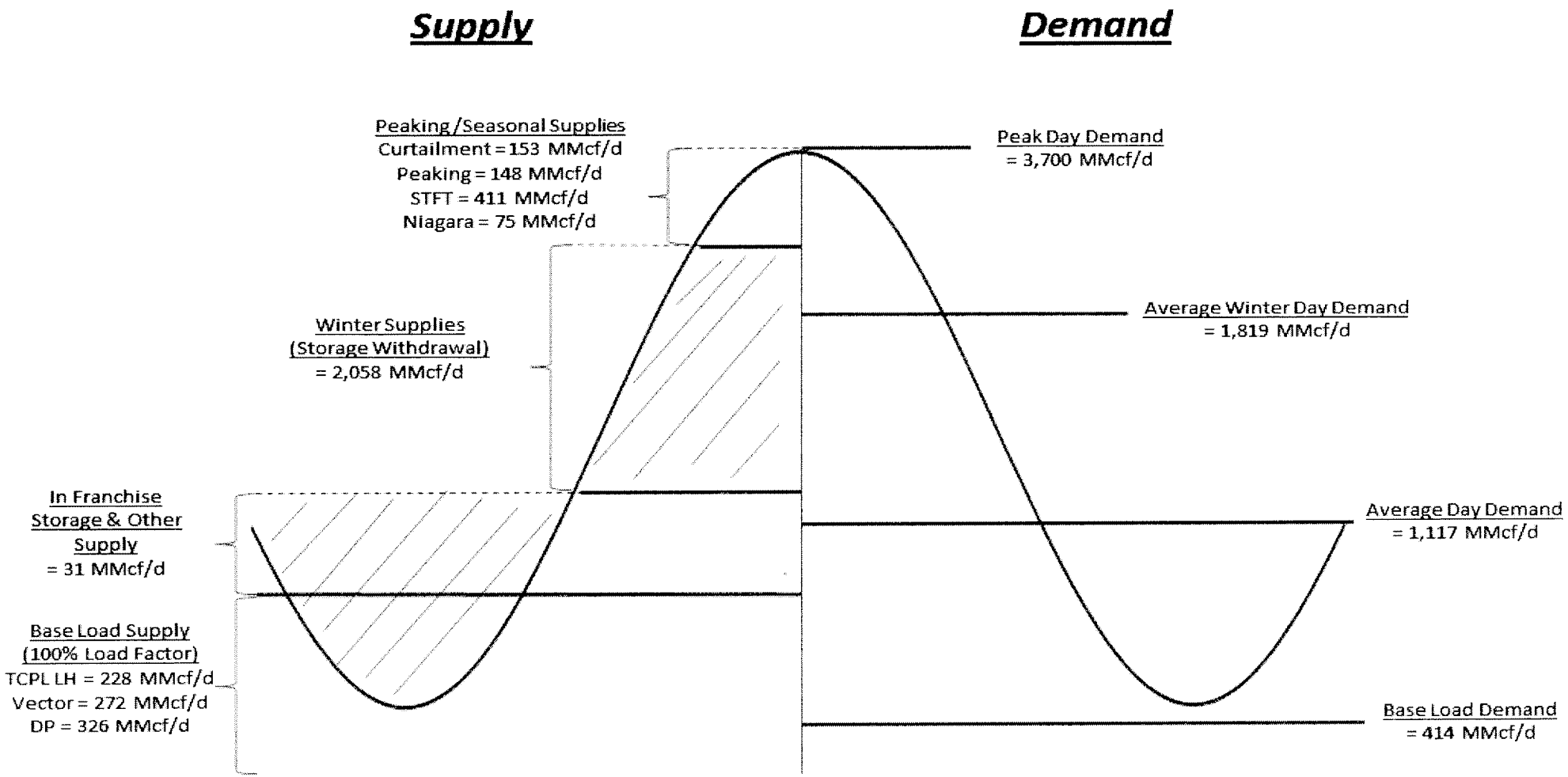
- Customer base almost doubled over last 20 years
- Declining average use
- Heat sensitive load larger proportion of demand
- Distribution system load factor ≈ 30%





How the Franchise is Served

2014 Estimate

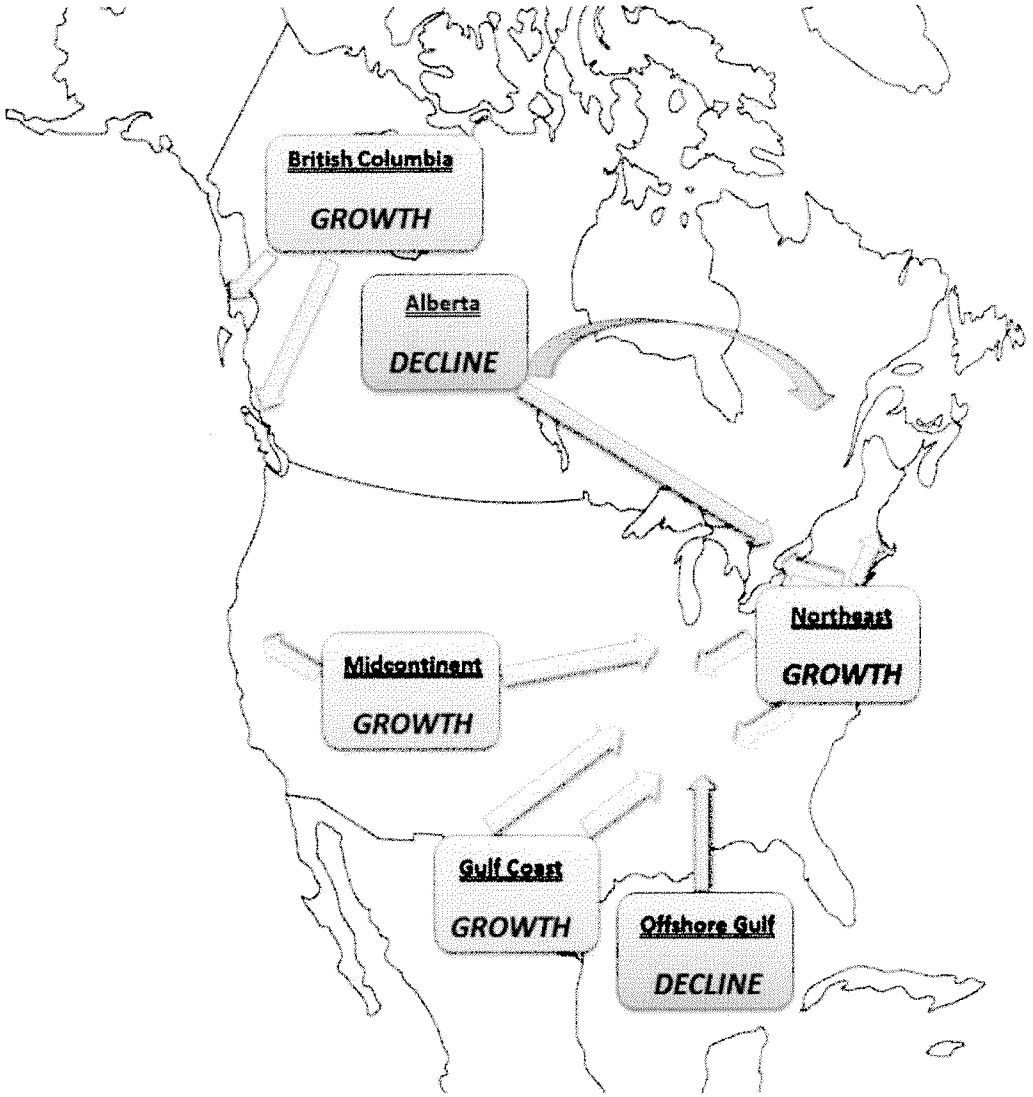


ENBRIDGE

Market Overview & Supply Trends

- Shale gas provides strong prospects for growth in natural gas supply within close proximity to markets
- Current infrastructure limits shale gas flows to Eastern Canadian markets

North American Gas Supply Flows



ENBRIDGE

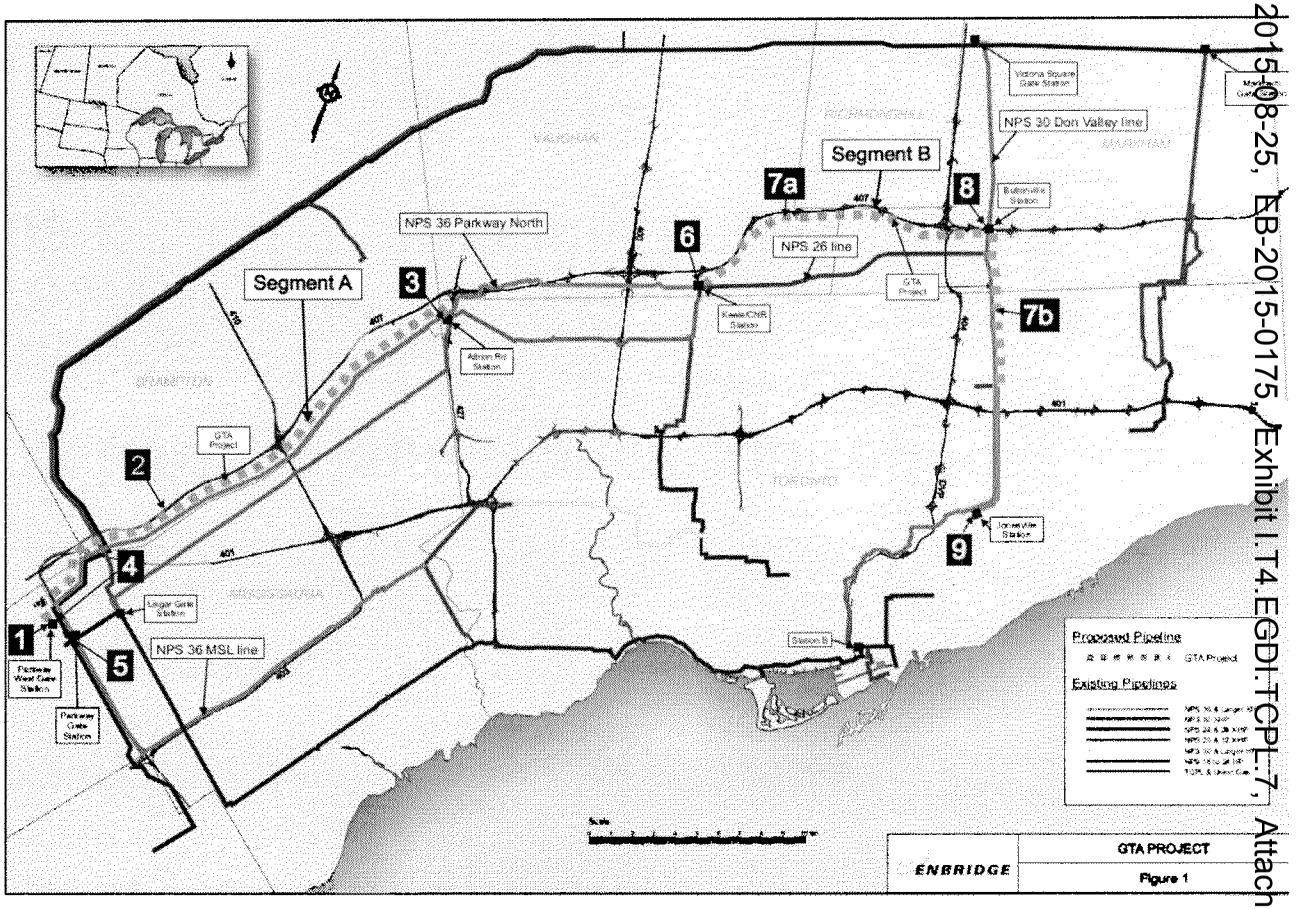
Supply View

Source	Basin/Hub Outlook
WCSB	• Declining production • Increased intra-Alberta demand • Lower gas available for export • Transportation cost an issue
Chicago	• Liquid hub, multiple interconnects • Favourable economics
Dawn	• Liquid hub, multiple interconnects, storage • Favourable economics
Marcellus	• Emerging basin • Production expected to increase • Current infrastructure limits access to Ontario markets • Favourable economics
Utica	• Emerging basin • Production expected to increase • Limited access to transport out of basin • Relative economics and security of supply are important factors

GTA Project (In Service - 2015)

GTA Project will:

1. Support customer growth;
2. Allow more gas to flow from west end of system;
3. Provide entry point diversity;
4. Reduce operational risk;
5. Improve reliability, risk mitigation & provide cost savings for upstream supplies



Source: EB-2012-0451, Exh. A, Tab 3, Sch. 6, Fig. 1

Conclusions

- Growing utility
- Traditional supplies costly and in decline
- Large reliance on Dawn
  - Potential to diversify back to basin if supplies are economic and secure
- Alleviation of infrastructure constraints is required to access emerging supplies
- GTA Project improves security of supply and provides supply diversity

ENBRIDGE

NEXUS

GAS TRANSMISSION

NEXUS Meeting with Enbridge

May 2, 2014

DTE Energy

ENBRIDGE

Spectra Energy

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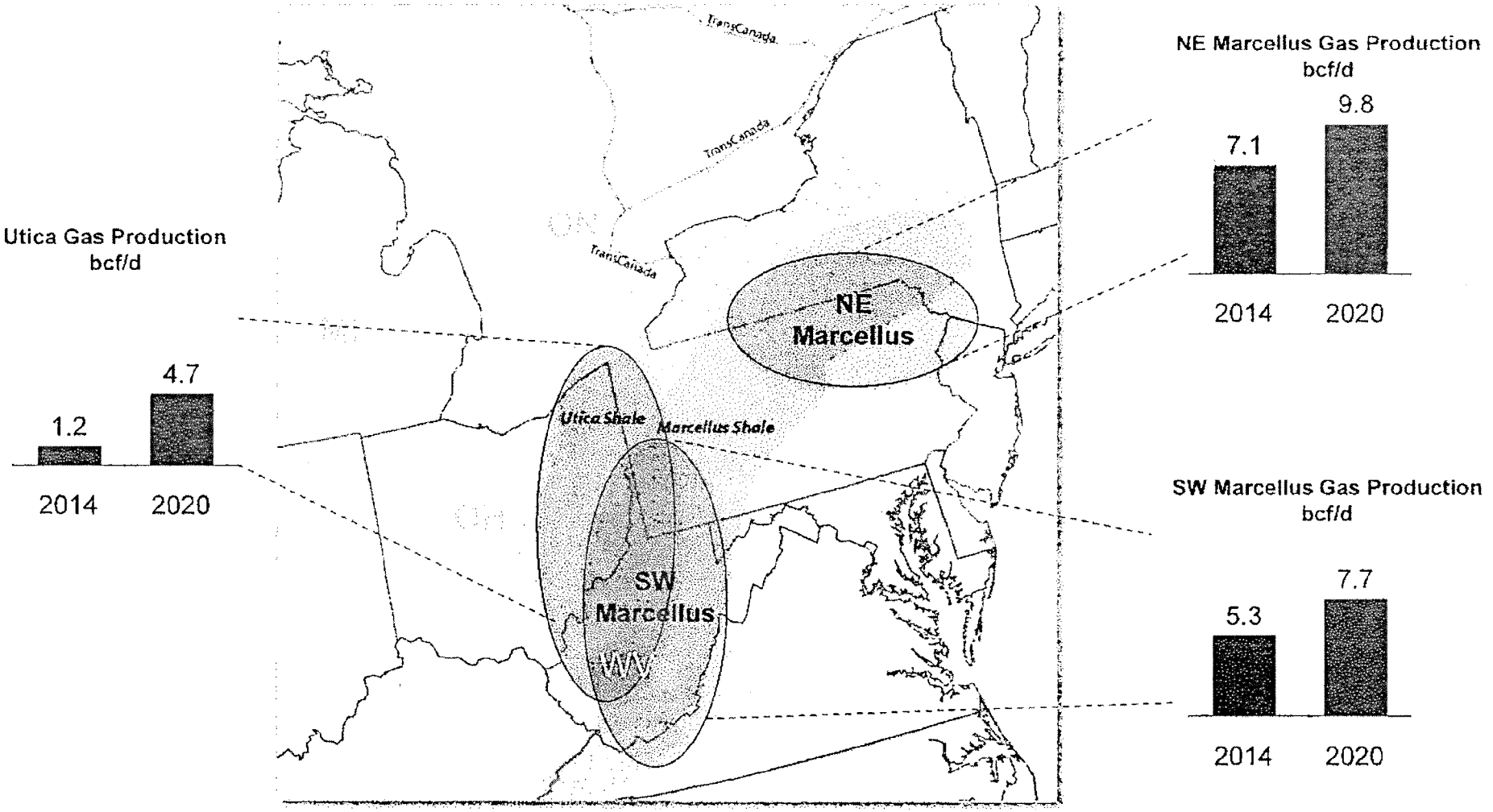
DTE Energy

The Utica and Marcellus Shale extends from West Virginia to New York and overlaps in many areas

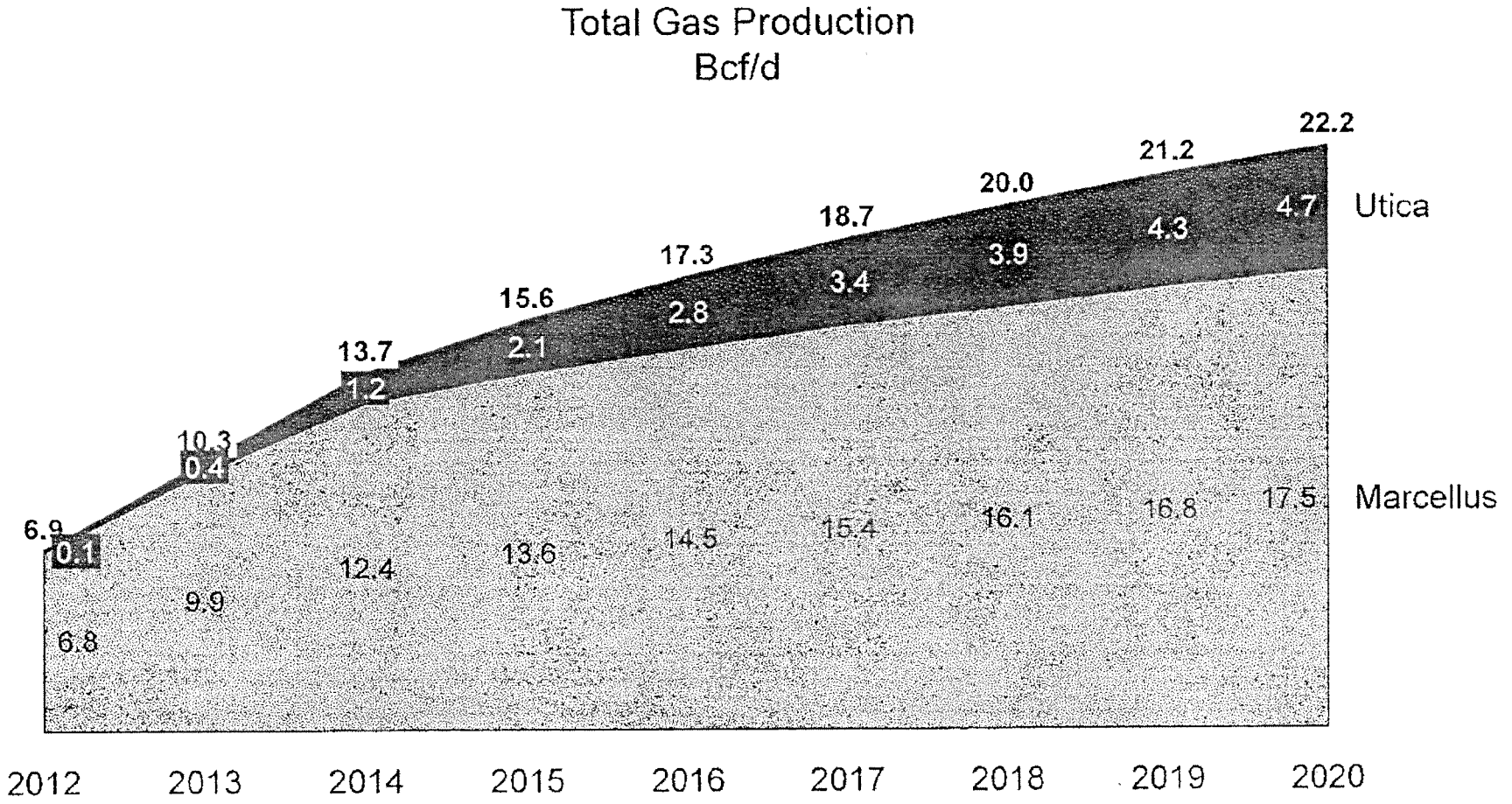
DTE Energy



Source: DTE Analysis

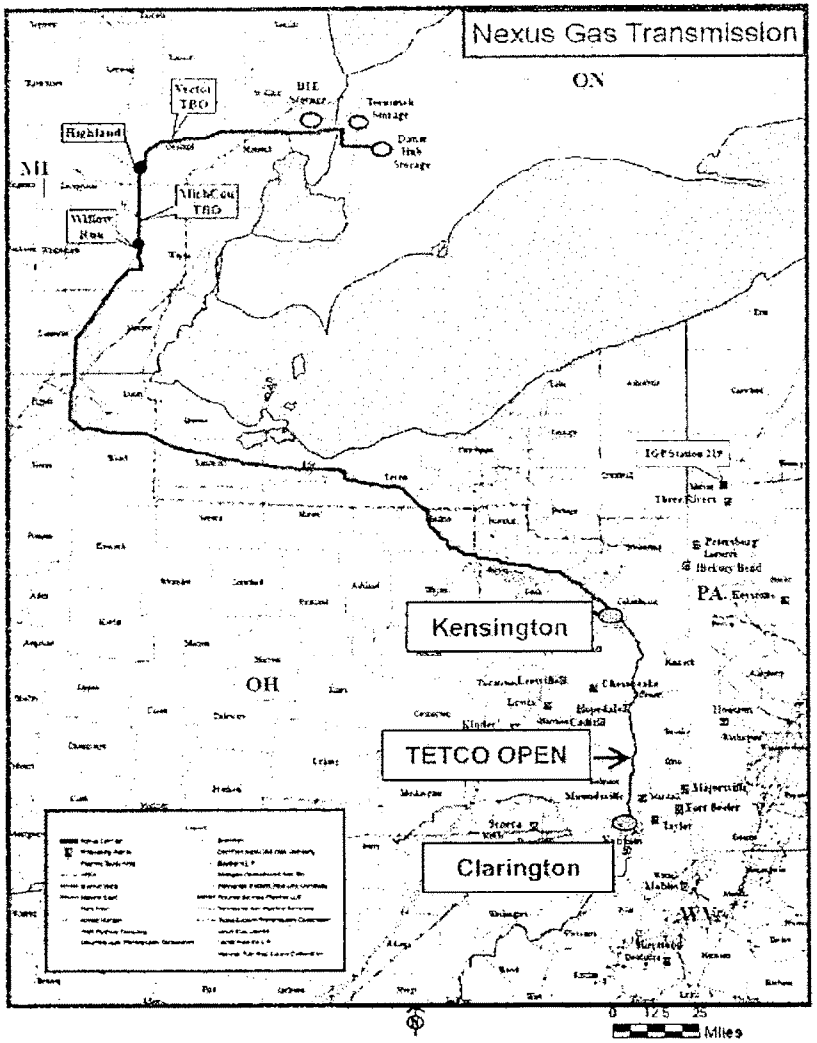
Gas production from the Utica and Marcellus shale is expected to increase to over 22 bcf/d by 2020

DTE Energy



Source: DTE Analysis

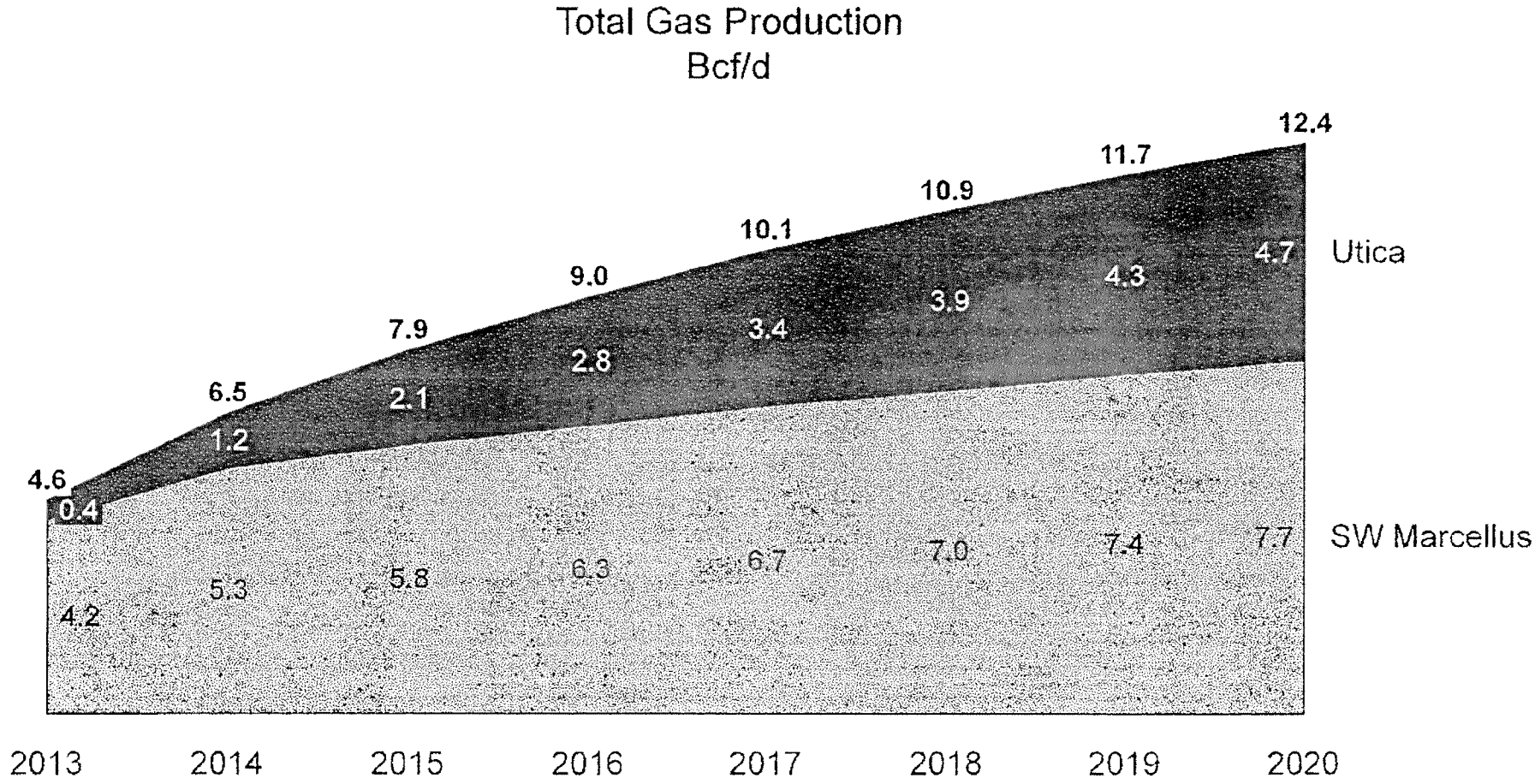
NEXUS pipeline will originate at Kensington processing plant and use Spectra's OPEN line to pool supply



- NEXUS mainline to originate at the Kensington processing plant in Columbiana County, Ohio
- Potential producer shippers are focusing on using Spectra's TETCO OPEN line as a supply header into NEXUS
- OPEN has a November 2015 in-service and traverses the core of the Utica and provides access to the SW Marcellus
- Growing gas production from the Utica and SW Marcellus will supply the NEXUS pipeline

Growing gas production from the Utica and SW Marcellus will supply the NEXUS pipeline

DTE Energy

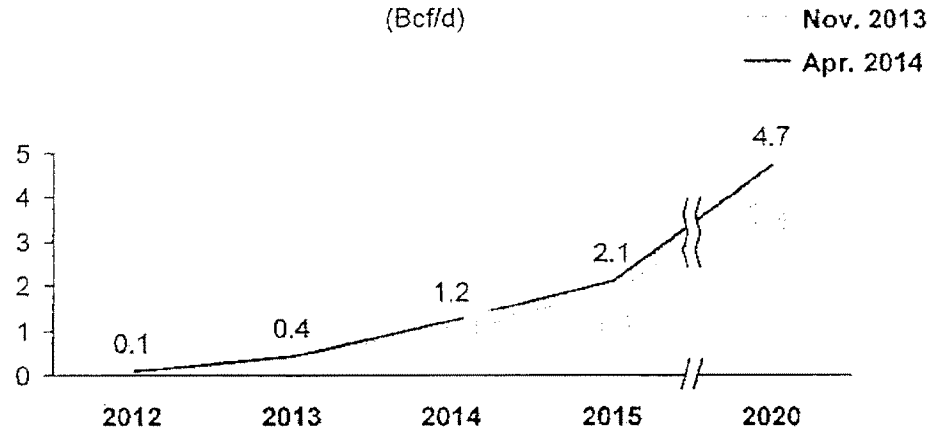


Source; DTE Analysis

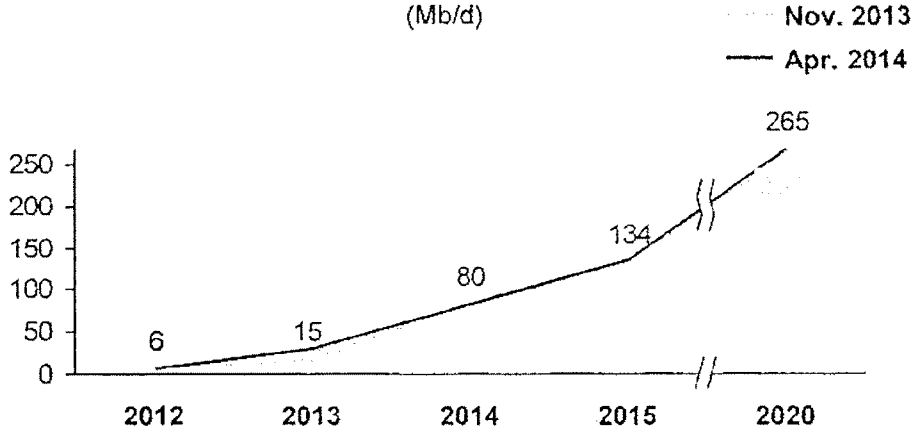
Our Utica shale dashboard shows production and drilling is growing faster than our previous forecasts

DTE Energy

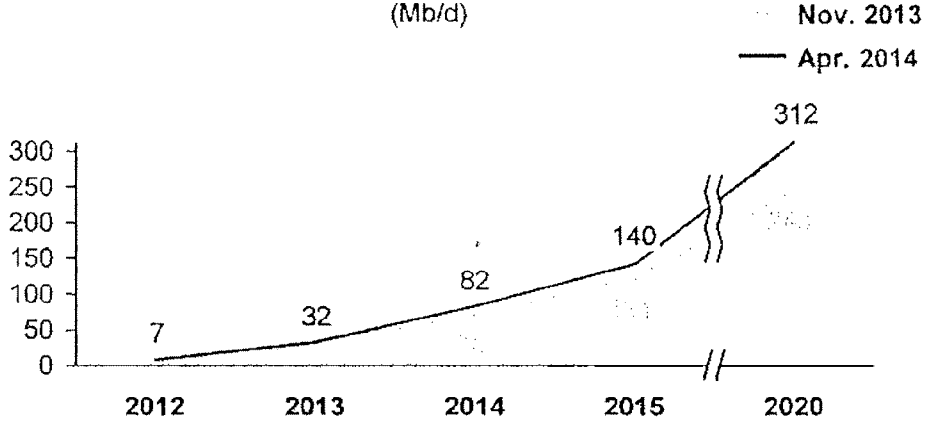
Estimated Natural Gas Production
(Bcf/d)



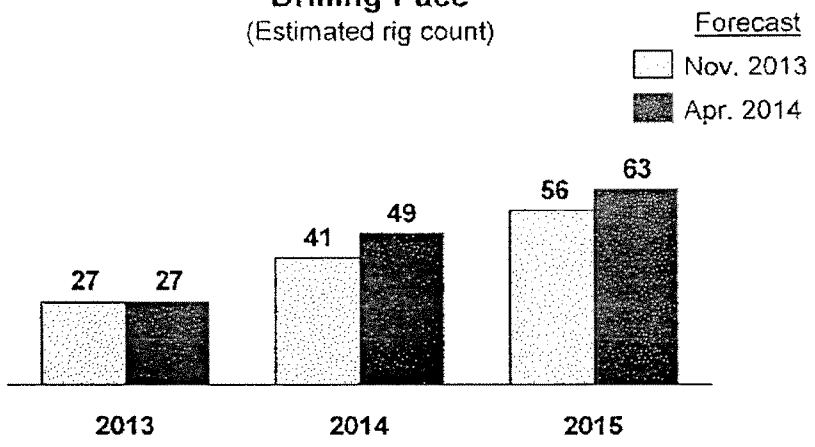
Estimated NGL Production
(Mb/d)



Estimated Oil Production
(Mb/d)



Drilling Pace
(Estimated rig count)

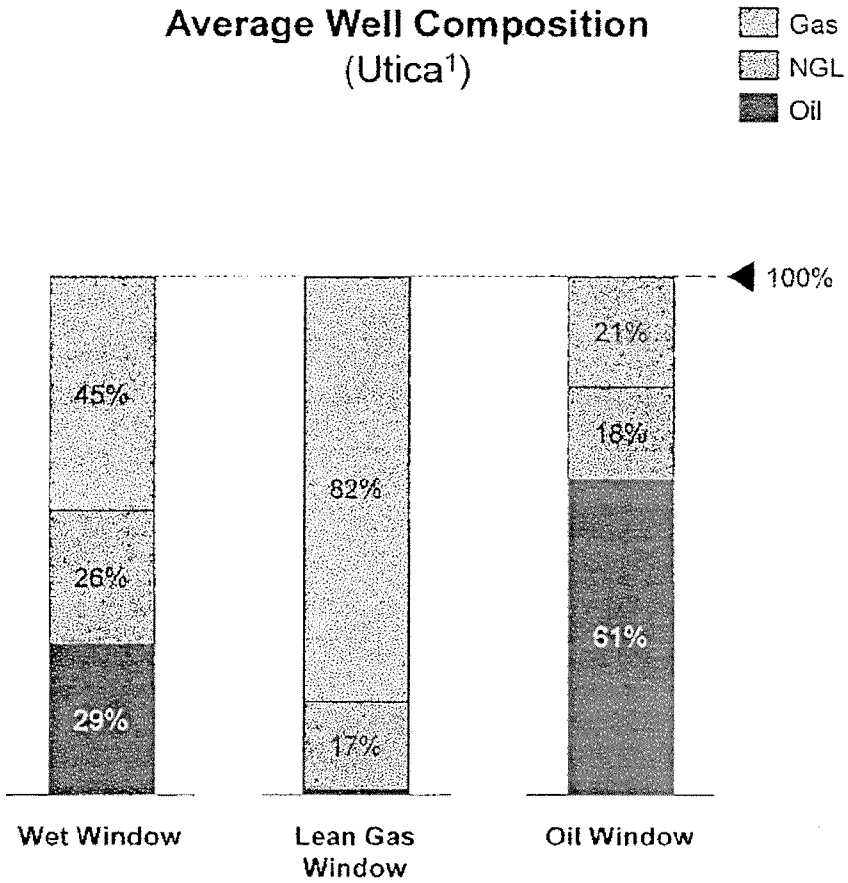


Source: DTE Analysis

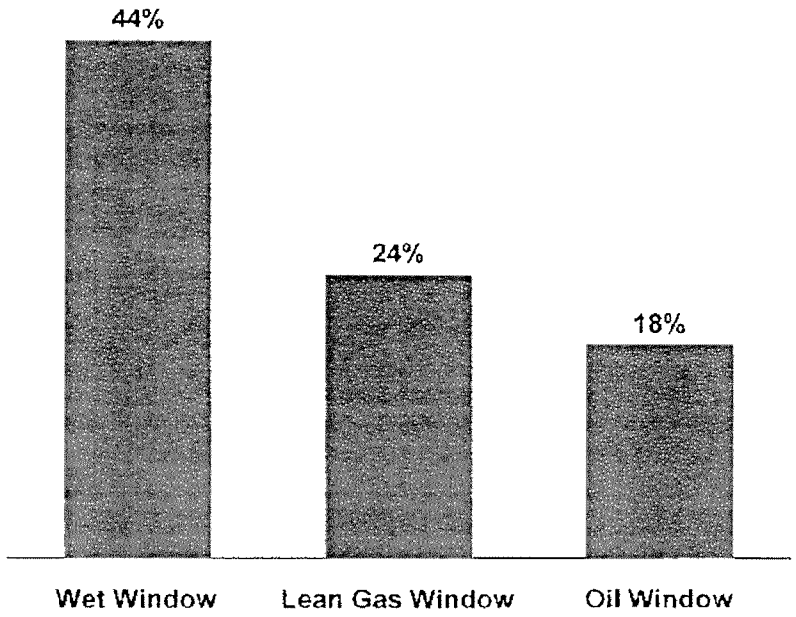
The Utica shale contains liquids and gas and has very attractive economics for producers at today's prices

DTE Energy

Average Well Composition (Utica[1])



Well Economics[2] (Utica, Est. A-T IRR)

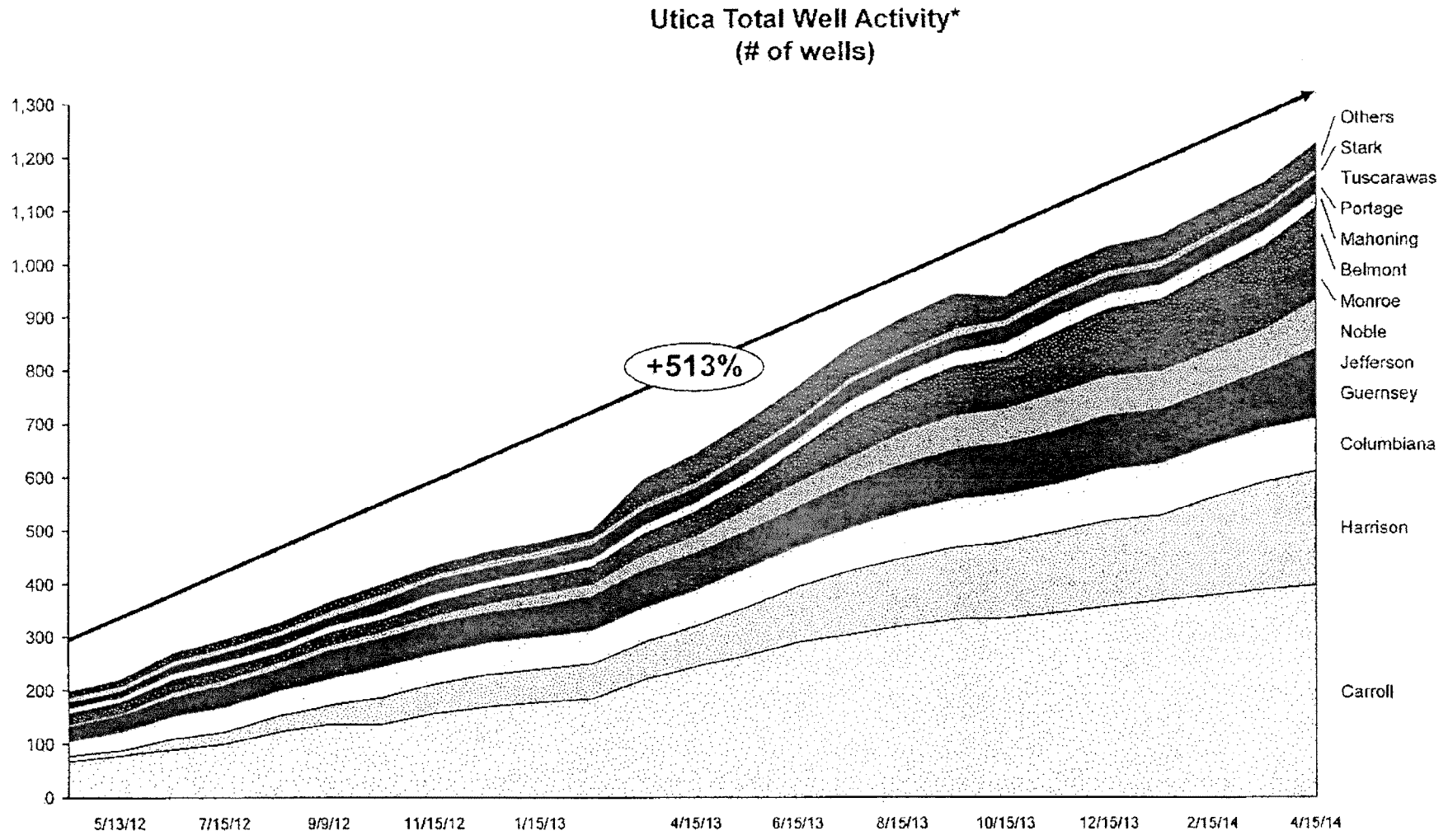


1. Utica well composition is based on ~90 sample wells that producers release peak rates for each component
2. Assumes $80/bbl crude price, HH futures as of Mar 25, 2014 minus $0.40/MMBtu basis, ethane sold as $3.5 gas and NGLs priced at 29% of crude (2013-2014 YTD average, incl transportation cost); $7.5MM D&C for Utica

Source: DTE Analysis

Pace of development in the Ohio Utica Shale has increased substantially over the last two years

DTE Energy



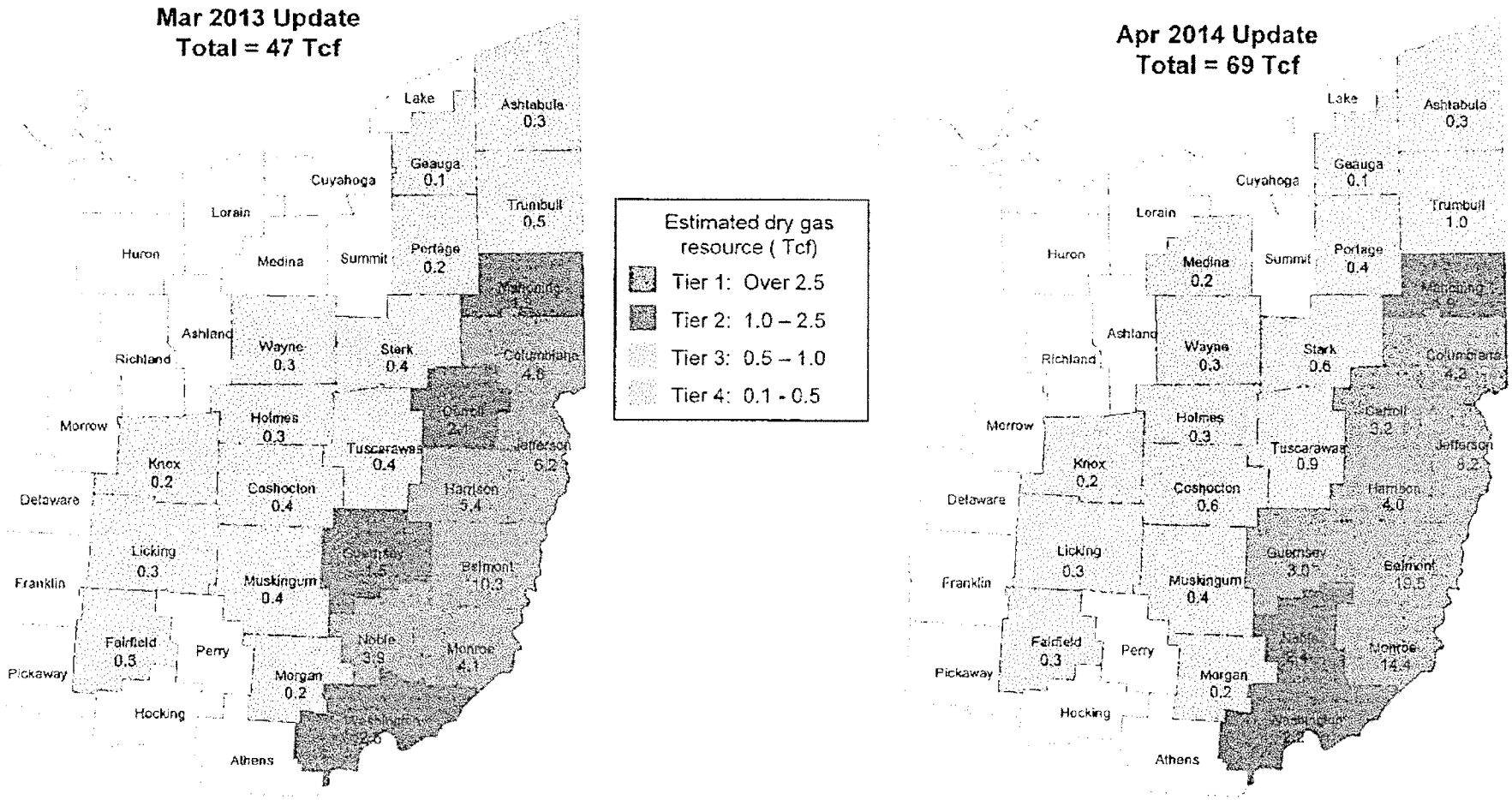
* Total = Producing wells + Wells completed, drilled, drilling + Remaining permits

Source: Ohio Department of Natural Resources through April 19, 2014

Based on most recent production data from Ohio Dept. of Natural Resources, we have increased our total gas resource estimate to 69 Tcf

DTE Energy

Ohio Utica Gas Reserves[1]

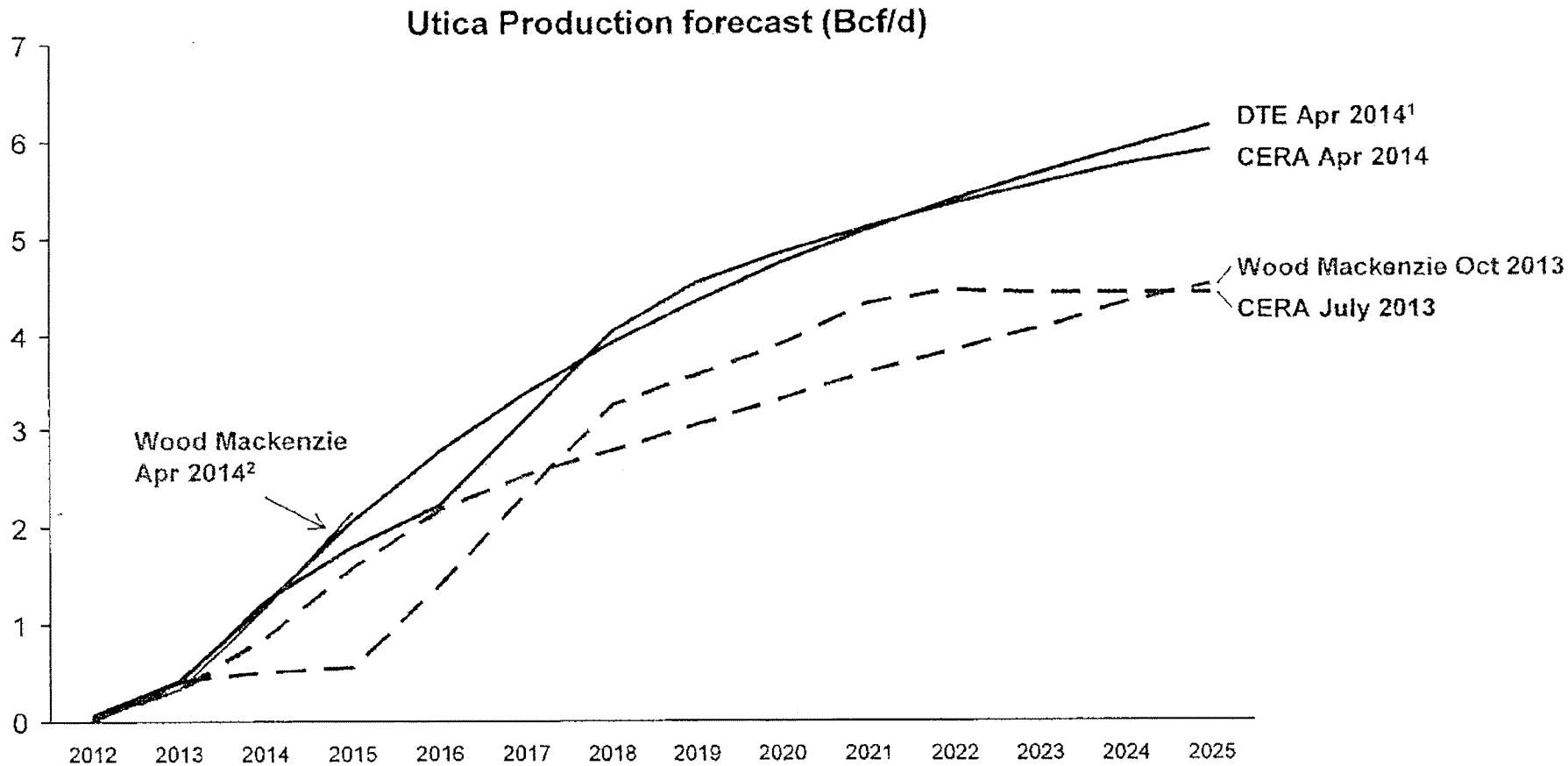


1. Total dry gas reserves = available acreage* wells per acre*success factor*EUR per well; available acreage excludes federal lands; assumes 160 acre well spacing; success factor varies by county and is higher where wells are currently in production; EUR varies by county and by window

Source: DTE Market Intelligence modeling

Wood Mackenzie and CERA have been revising up their Utica production forecast

DTE Energy

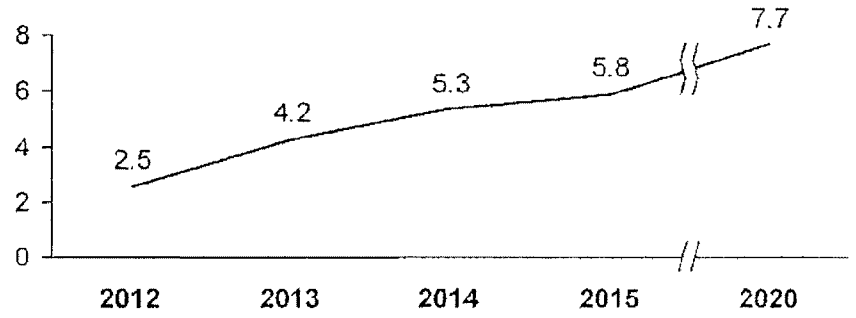


1. DTE forecast assumes a ramp up to 63 rigs by 2015 and a 20 year drill-out plan for the wet window. Assumes that all counties in Ohio identified by ODNR as prospective will be developed and includes production from the west Pennsylvania Utica
2. WM has not release their Spring Long Term View yet, though we anticipate that they will revise upward based on their change in the short term outlook

Our SW Marcellus dashboard shows growing gas and NGL production

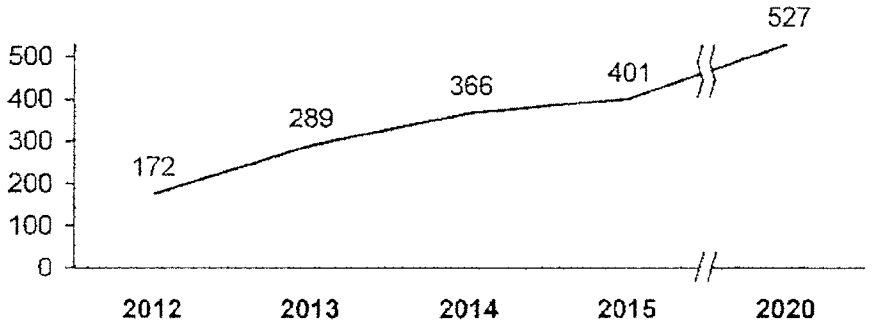
DTE Energy

Estimated Natural Gas Production
(Total, Bcf/d)



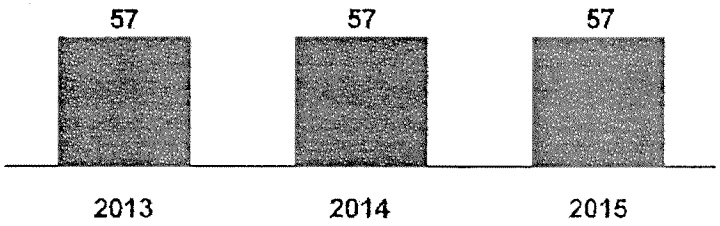
Estimated NGL Production
(Mb/d)

— Apr. 2014

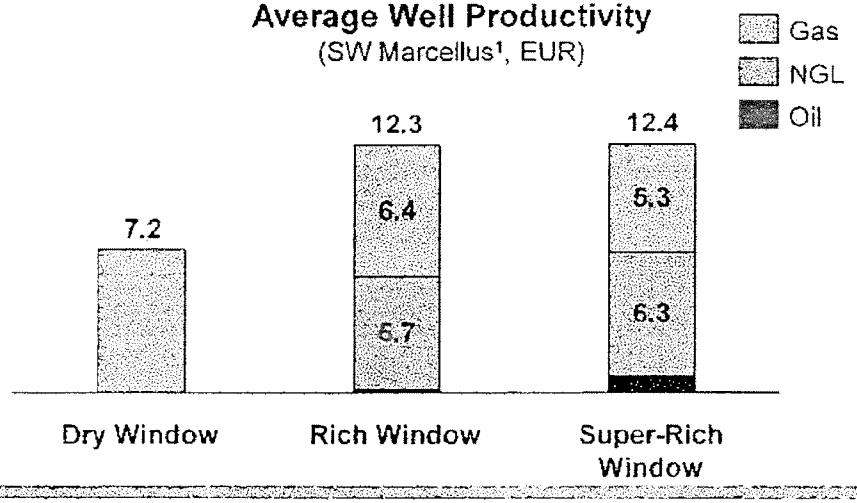


Drilling Pace
(Estimated rig count)

Drilling productivity results in production growth despite flat rig count



Average Well Productivity
(SW Marcellus[1], EUR)



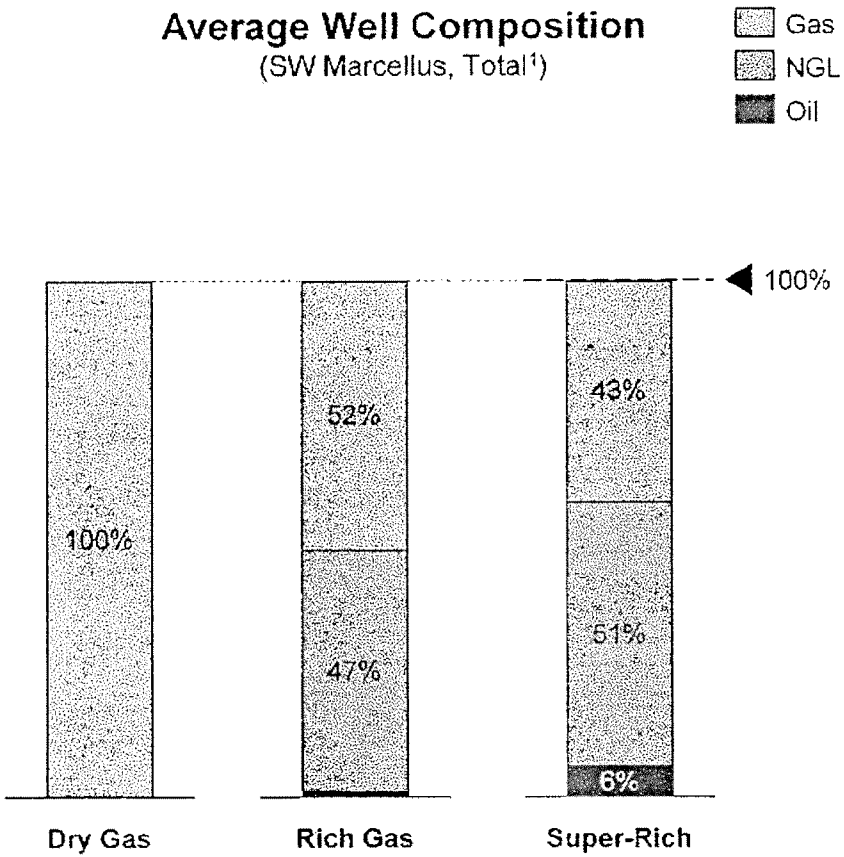
1. SW Marcellus Dry window: the average from seven representative producers in Greene county; Rich and Super-Rich windows: from Range Resource Investor Presentation April 2014

Source: DTE Analysis

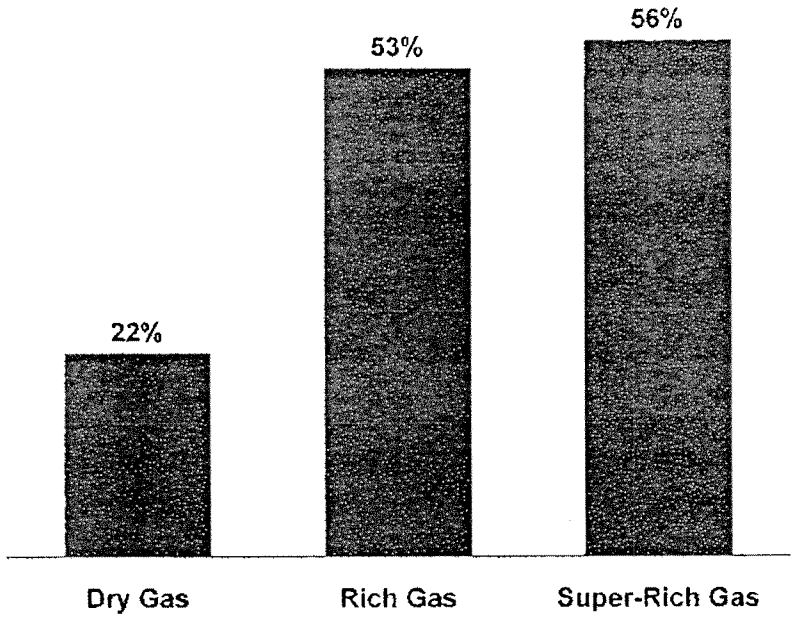
Production growth is SW Marcellus shale is driven by strong well economics, particularly in the liquids rich portions of the play

DTE Energy

Average Well Composition
(SW Marcellus, Total[1])



Well Economics[2]
(Total, Est. A-T IRR)

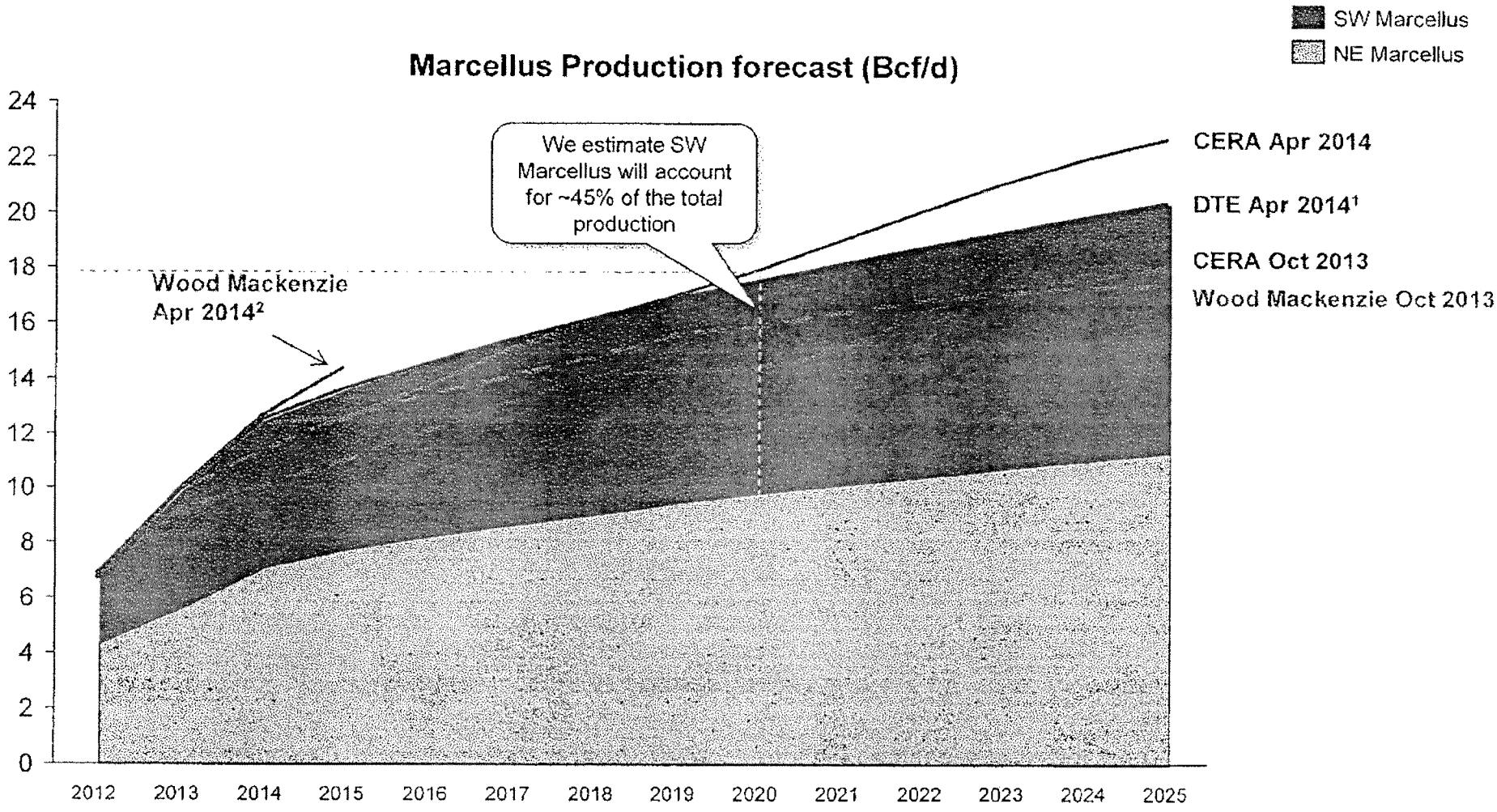


1. Assumes $80/bbl crude price, HH futures as of Mar 25, 2014 minus $0.40/MMBtu basis, ethane sold as $3.5 gas and NGLs priced at 29% of crude (2013-2014 YTD average, incl transportation cost); $6.6MM, $6.1MM, and $6.8MM D&C for SW Marcellus dry, rich and super-rich window respectively

Source: DTE Analysis

Total Marcellus gas production could reach ~18 Bcf/d by 2020

DTE Energy



1. Marcellus production forecast assumes 75 rigs (April 2014) split 45:55 between NE and SW; Rig count stays flat over time, but rig productivity increases; average IP of 7.3 MMcf/d for NE and 6.0 MMcf/d for SW
2. WM has not release their Spring Long Term View yet, though, we anticipate that they will revise upward based on their change in the short term outlook

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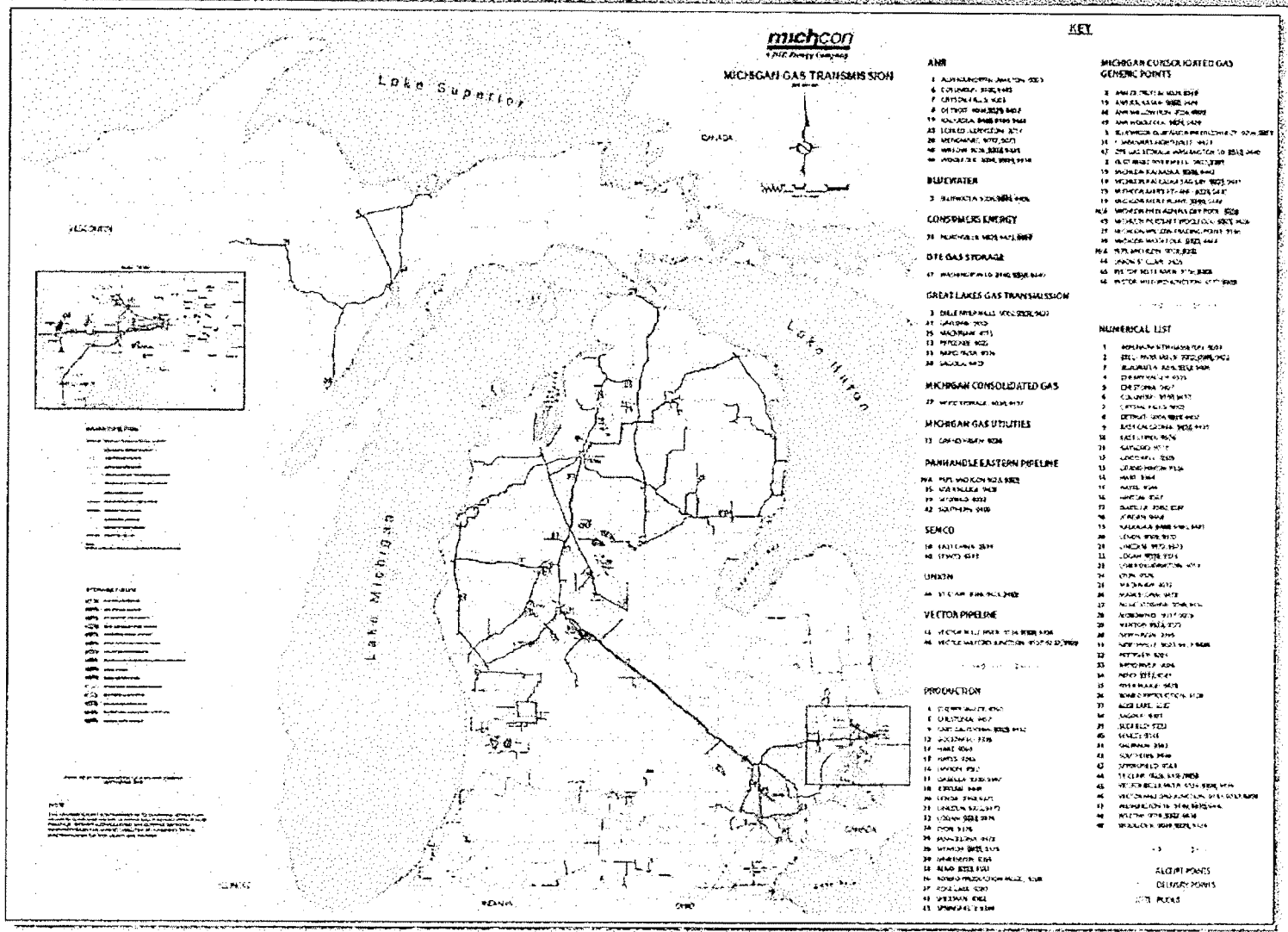
DTE Energy

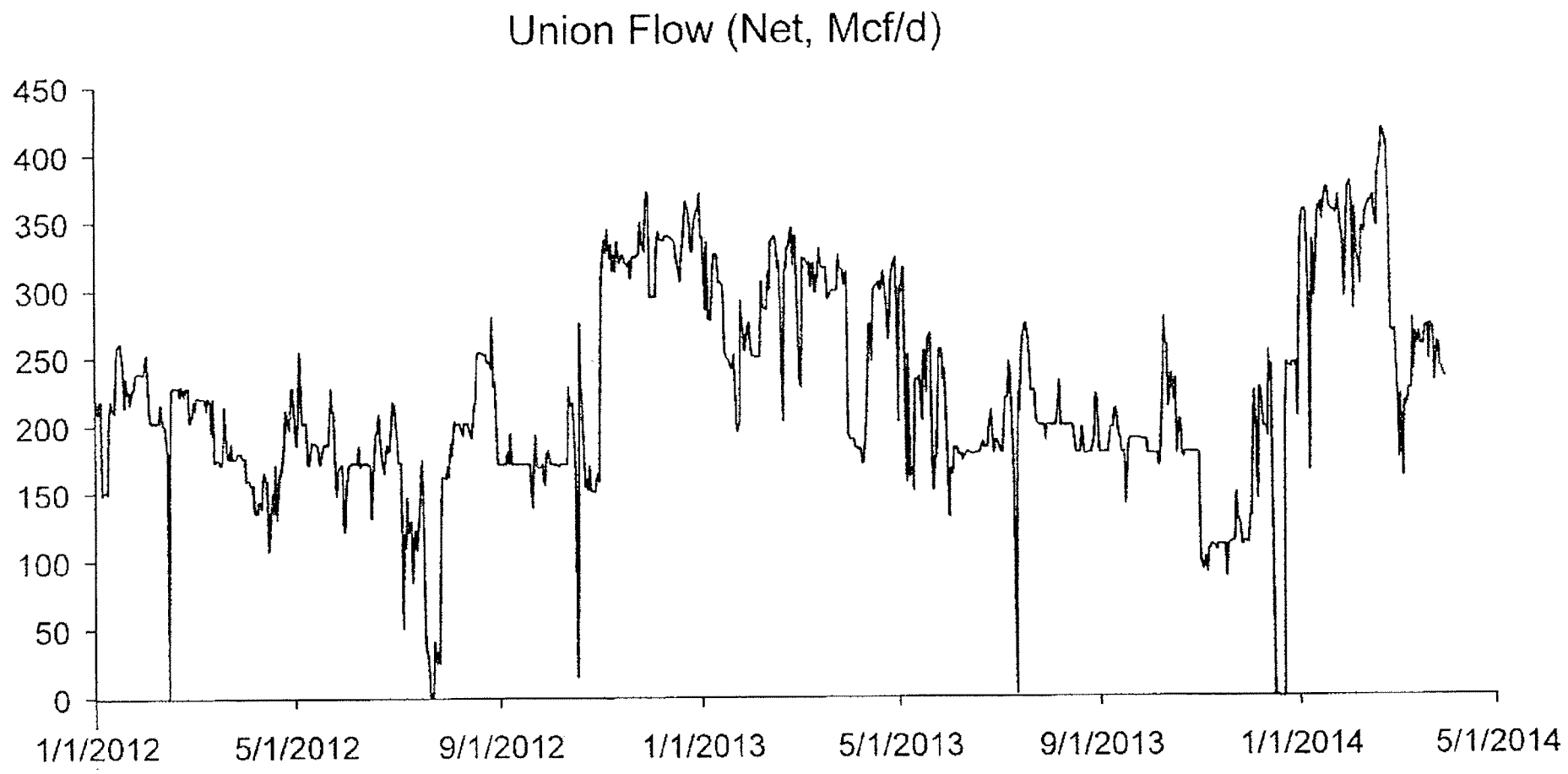
DTE Gas System Map (see handout)



Source: DTE Gas

Physical deliveries to Union Gas from DTE Gas at St. Clair

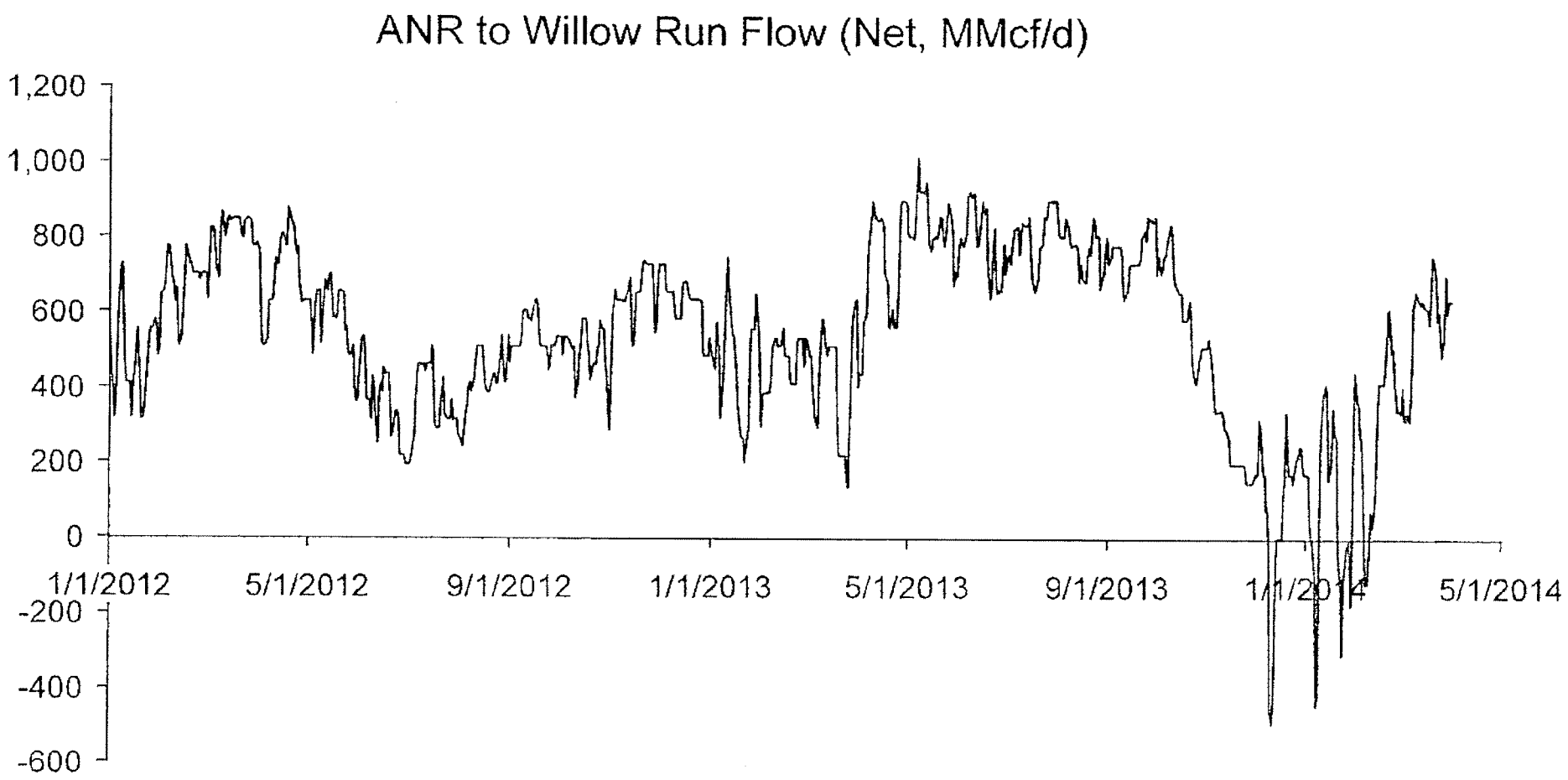
DTE Energy



Source: DTE Gas

Physical flow from ANR pipeline to Willow Run (MichCon)

DTE Energy

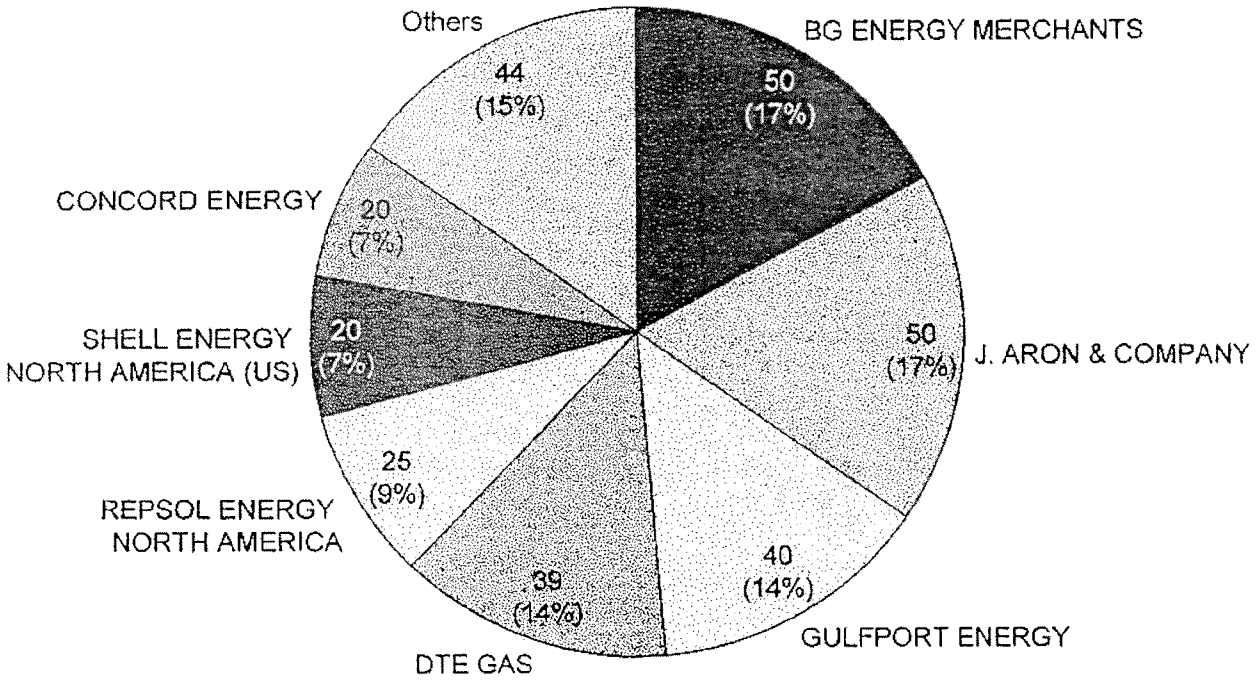


Source: DTE Gas

Current customers on ANR pipeline with firm delivery to Willow Run

DTE Energy

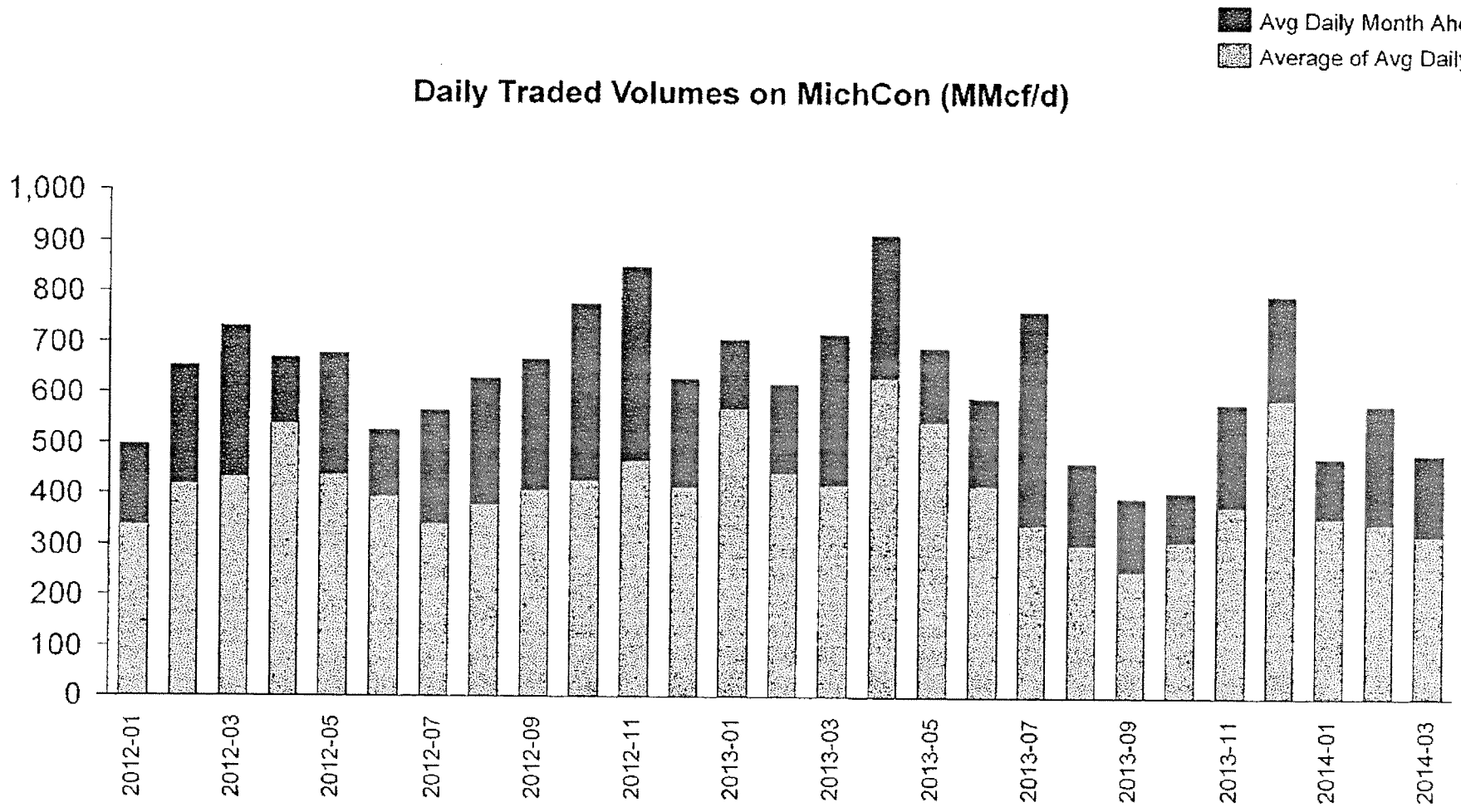
Index of Customer on ANR Pipeline with Delivery to Willow Run (MichCon)
Total = 288 MMcf/d



Souce: ANR Pipeline Index of Customers - http://anrebb.transcanada.com/ - as of April 23, 2014

Intercontinental Exchange (ICE) traded volumes on MichCon generic demonstrate deep liquidity and supply availability

DTE Energy



Source: ICE/10X

Table of Contents

DTE Energy

Spectra's Uniontown to Gas City (U2GC)

DTE Energy

Purpose:

- Expansion of Texas Eastern from Appalachian area receipts to markets at Gas City, Indiana

Project Scope:

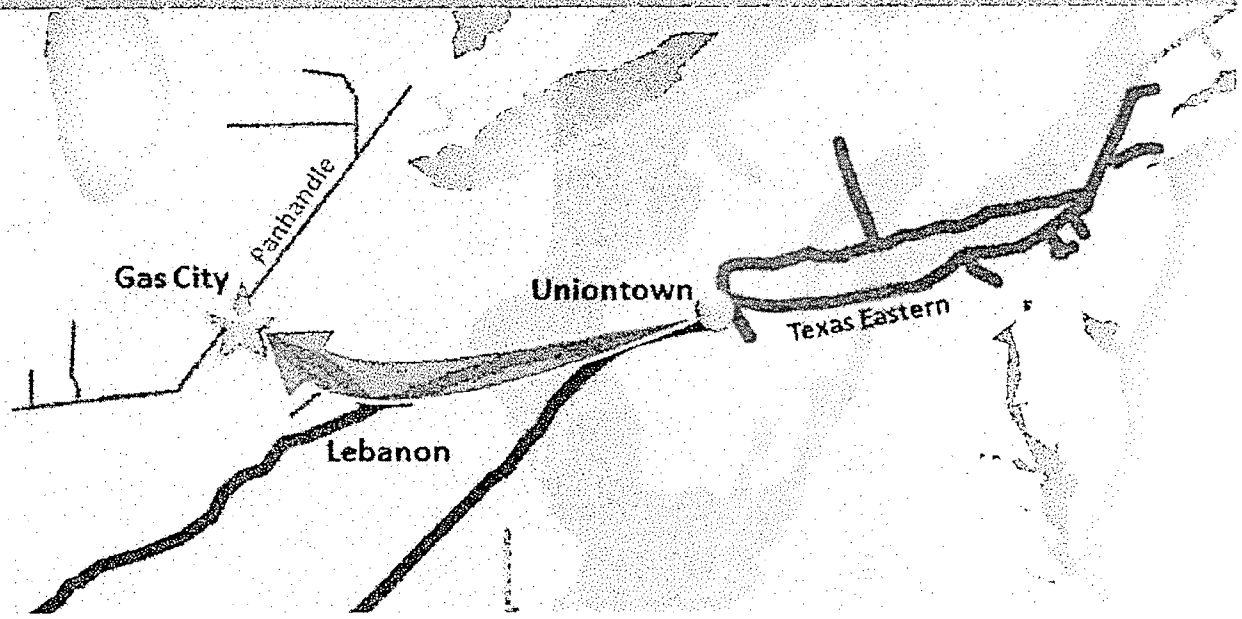
- Capacity: 425 MMcf/d
- CapEx: ~$60 MM

Customers (10+ year terms):

- CONSOL Energy
- East Resources
- EQT
- Range Resources
- Rice Energy

Project Status:

- Filed FERC application Mar 2014
- Receive FERC certificate 1Q15
- Commence construction 2Q15
- In-service 2H15



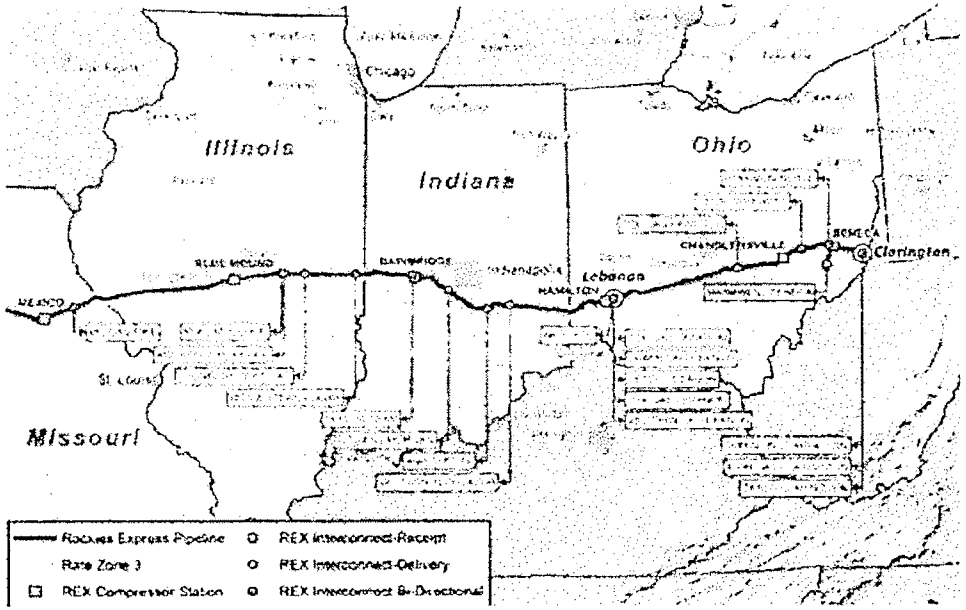
Preliminary Facilities:

- Various compressor station and meter station modifications to allow for bi-directional flow

Source: Spectra Energy

Nearly 2 Bcfd of meter capacity on REX has been contracted for with limited capacity available to move North

DTE Energy



Location	Design Capacity (Dth/d)	Uncontracted Capacity as of March 1, 2014 (Dth/d)	Contracted (Dth/d)
MOGAS/REX PIKE	375,000	375,000	0
NGPL/REX MOULTRIE (north or south)	615,000	105,000	510,000
AMER IL/REX MOULTRIE	140,000	140,000	0
TRUNKLNE/REX DOUGLAS (north or south)	175,000	37,500	137,500
MIDWSTRN/REX EDGAR (north or south)	652,000	0	652,000
PEPL/REX DEL PUTNAM (north or south)	130,000	0	130,000
CITIZENS/REX MORGAN	140,000	140,000	0
ANR/REX SHELBY (north or south)	560,000	0	560,000
VEC IN/REX DECATUR	140,000	140,000	0
AK STEEL/REX WARREN	100,000	100,000	0
COL GAS/REX LEB WARREN (north or south)	280,000	280,000	0
DOMINION/REX LEB WARREN (north or south)	585,000	585,000	0
TET/REX LEB WARREN (north or south)	980,000	980,000	0
TEX GAS/REX LEB WARREN (north or south)	140,000	115,000	25,000
VEC OH/REX LEB WARREN	140,000	140,000	0
COL GAS/REX FAIRFIELD (north or south)	280,000	275,000	5,000
TGP/REX GUERNSEY (north or south)	595,000	430,333	164,667

2 Bcf/d

- REX backhaul is filling all available capacity on North bound pipes in the midwest markets
- Current REX open season has available capacity, however, limited North bound capacity left
- Expecting Utica/SW Marcellus volumes to arrive in Michigan via ANR/PEPL on the REX path

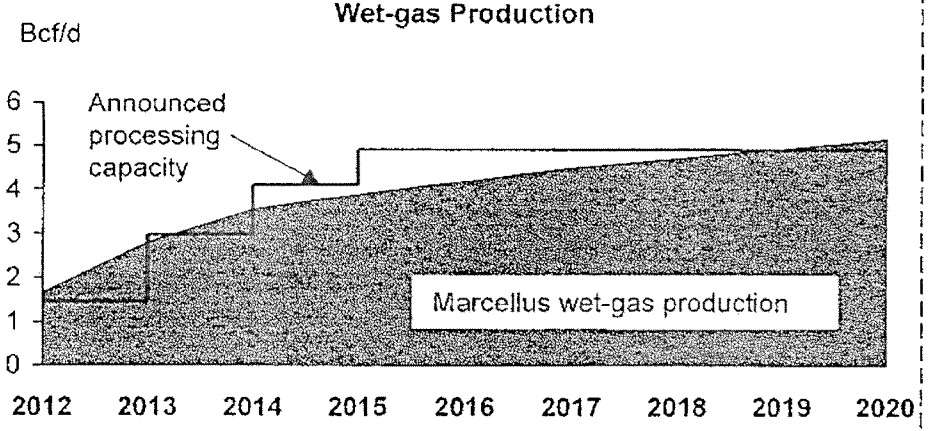
Source: Rockies Express, DTE Analysis

Appendix

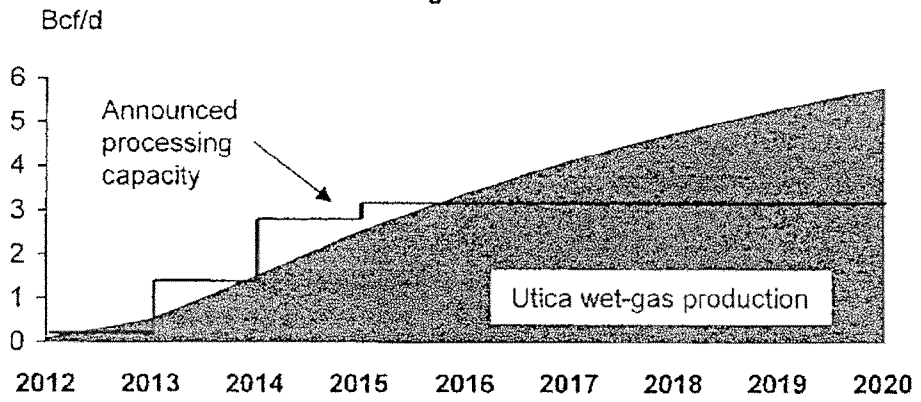
Processing and fractionation capacity is keeping pace with development and we expect this to continue as production grows

DTE Energy

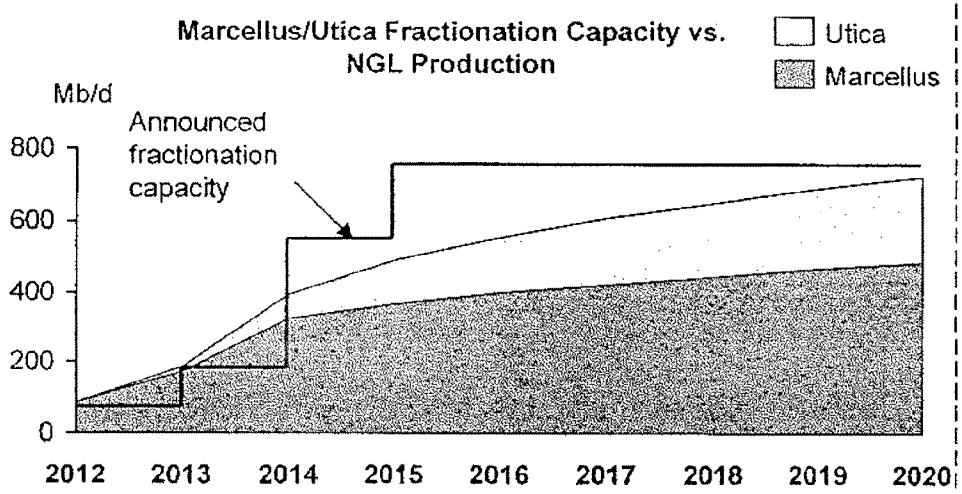
Marcellus[1] Gas Processing Capacity vs. Wet-gas Production



Utica Gas Processing Capacity vs. Wet-gas Production



Marcellus/Utica Fractionation Capacity vs. NGL Production



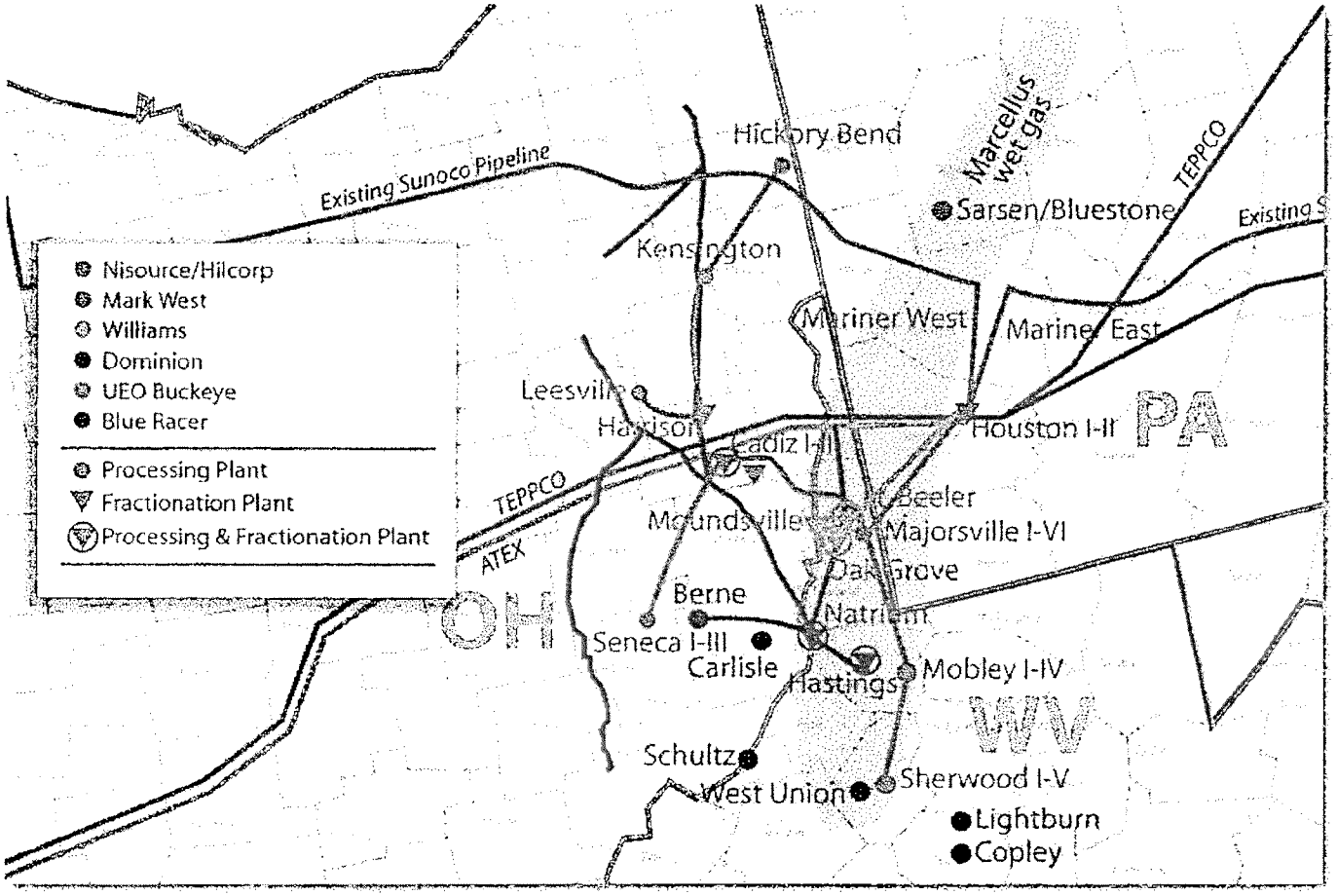
1. Marcellus production forecast assumes 75 rigs (April 2014) split 45:55 between NE and SW; only 55% of production from SW is wet gas. Rig count stays flat over time, but rig productivity increases

Source: DTE Analysis

Investment in infrastructure to handle wet-gas production from Marcellus/Utica shale is located in Southwest PA, WV, and Ohio

DTE Energy

Gas midstream activity through 2014*

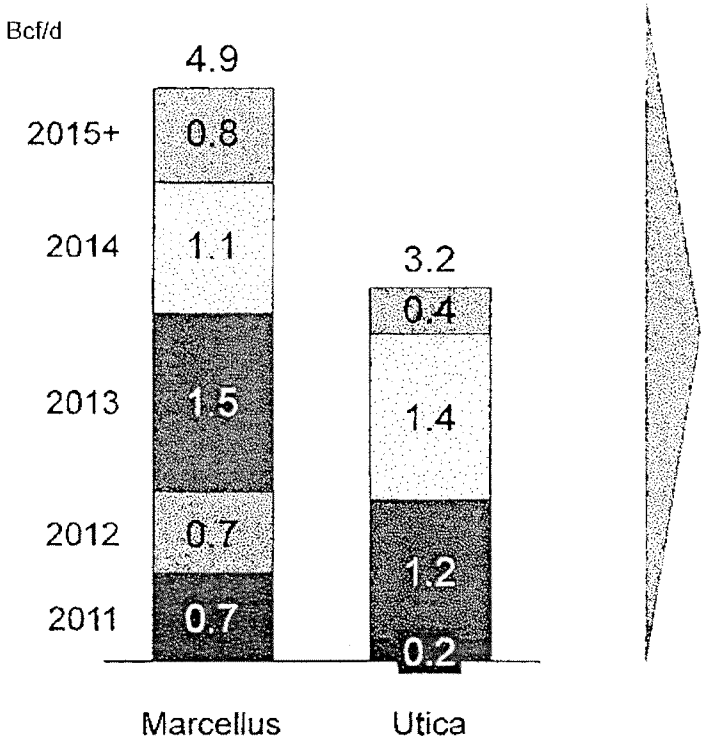


- Schultz and Carlisle plant (capacity 18 Mmcfd) built in 2011 are owned and operated by Exterran Holding and are under a 12-year service agreement with Dominion; West Union, Lightburn, and Copley have combined capacity of 90 MMcf
- Source: DTE Analysis

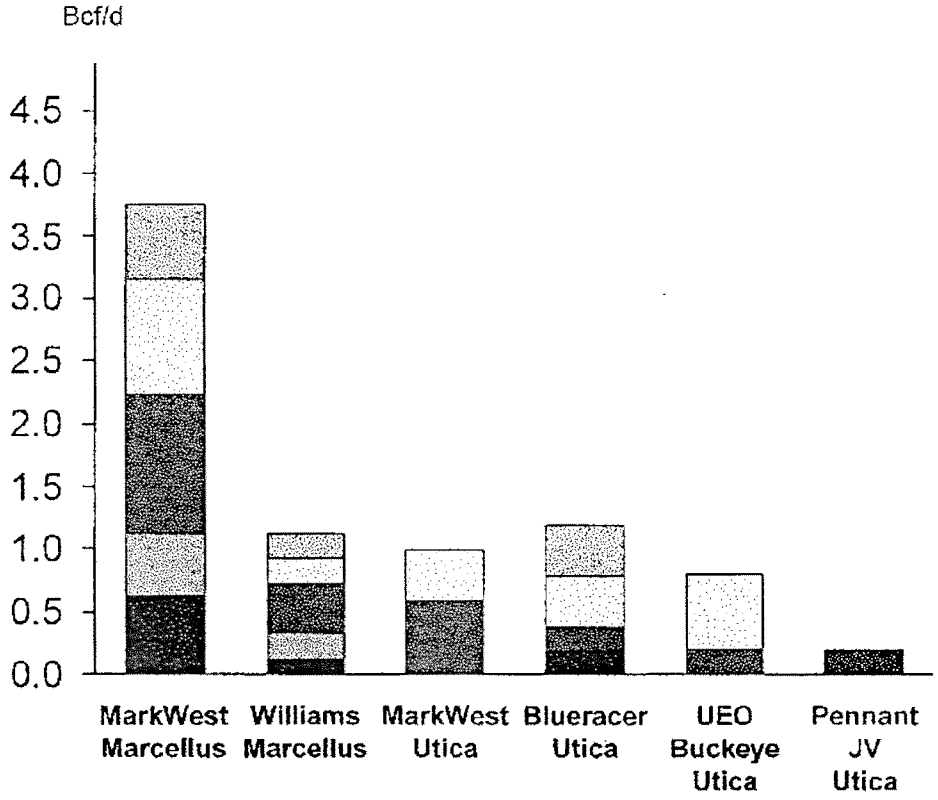
Gas processing capacity in the Marcellus and Utica has grown significantly in 2013 and is expected to continue in 2014

DTE Energy

Gas processing capacity in the Marcellus and Utica shale has grown significantly



MarkWest has been the dominant player in both plays

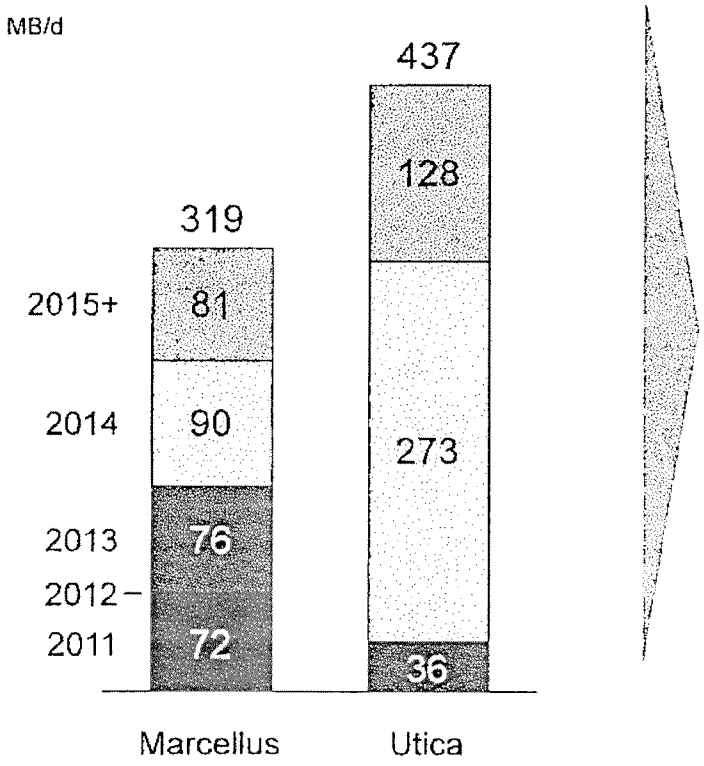


Source: DTE Analysis

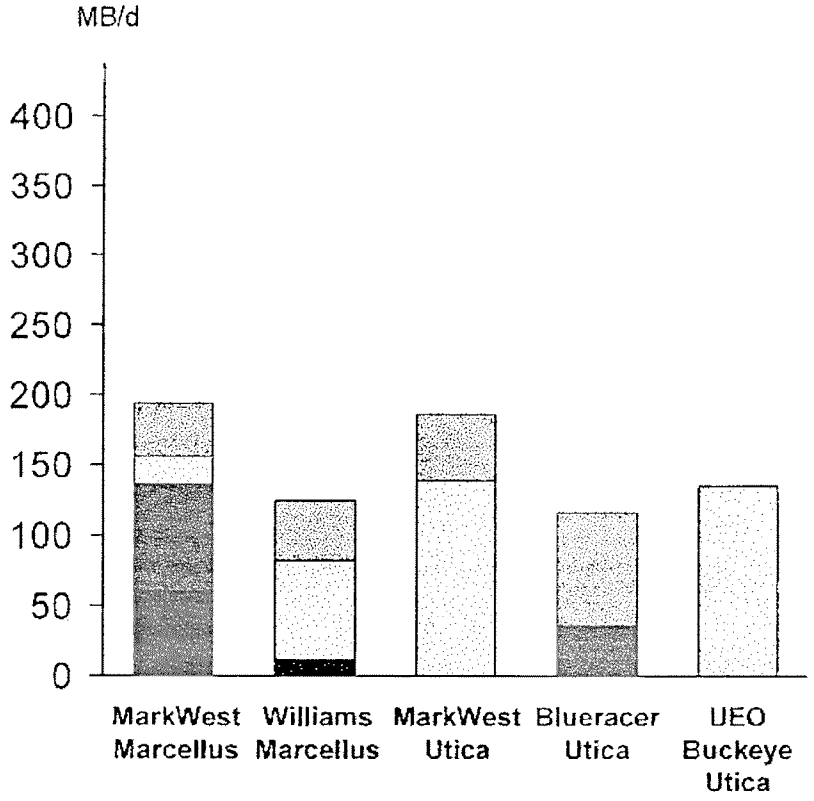
NGL fractionation capacity in the Marcellus and Utica has grown significantly in 2013 and is expected to increase significantly in 2014

DTE Energy

NGL fractionation capacity in the Marcellus and Utica shale is growing significantly



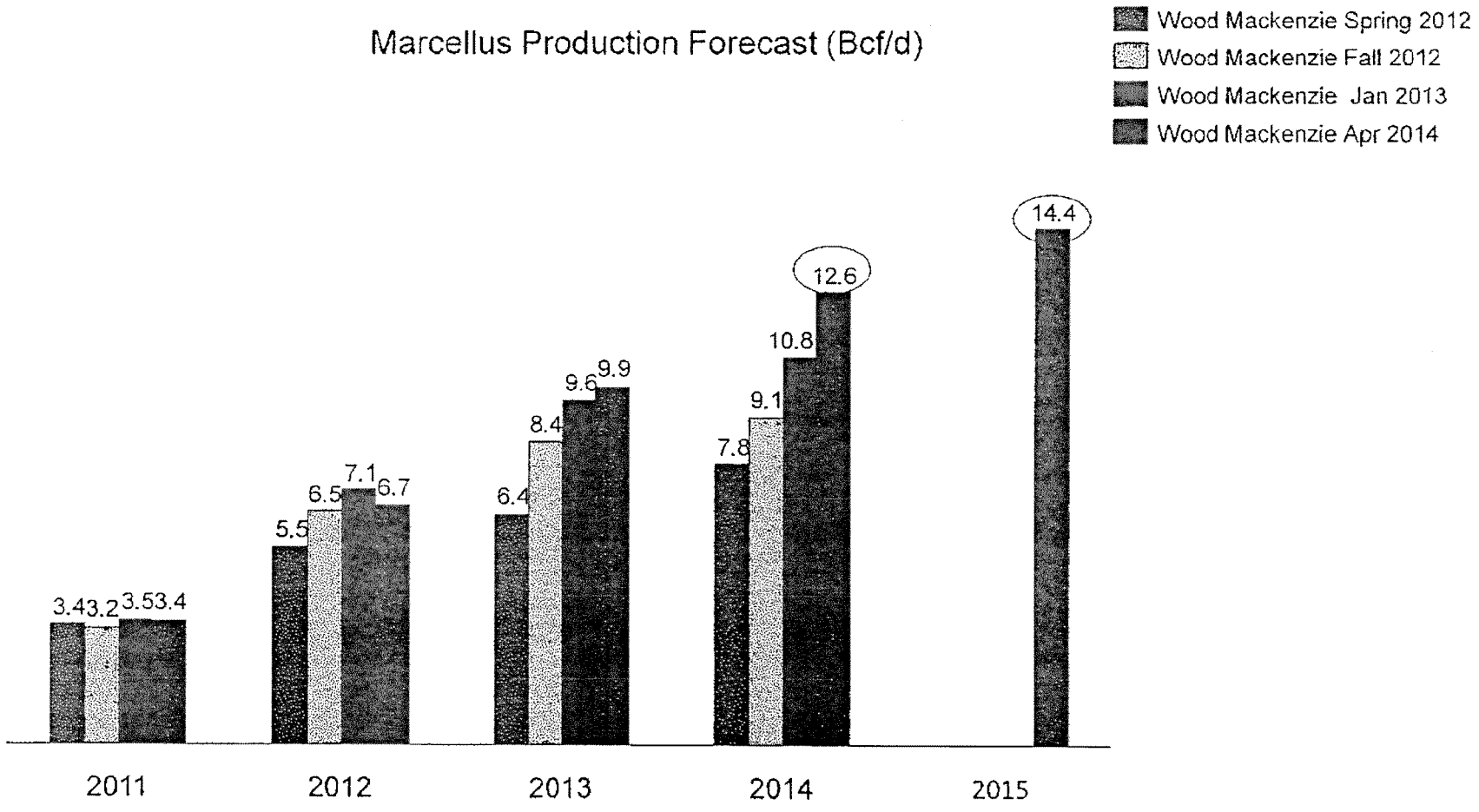
Most of this capacity investment is being made by MarkWest and Williams through it's ownership stake in UEO Buckeye and Blueracer



Source: DTE Analysis

Wood Mackenzie's Marcellus production forecast was revised upward multiple times to keep up with the strong production growth from the play

DTE Energy



Source: Wood Mackenzie

NEXUS
GAS TRANSMISSION

January 1, 2015

Jamie LeBlanc
Enbridge Gas Distribution Inc.
500 Consumers Road
North York, Ontario
M1K 5E3

Re: Notification Pursuant to Section 3(c) of Precedent Agreement

Dear Mark:

DTE Pipeline Company ("DTE") and Spectra Energy Transmission, LLC ("Spectra") (where DTE and Spectra are collectively referred to herein as "Pipeline") and Enbridge Gas Distribution Inc. ("Customer") have entered into a Precedent Agreement dated December 17, 2014 (the "Precedent Agreement") to contract for firm transportation service as part of the NEXUS Gas Transmission Project. All capitalized terms used in this letter that are not otherwise defined herein have the meanings given in the Precedent Agreement.

Section 3(c) of the Precedent Agreement requires that commencing on January 1, 2015, and continuing on a quarterly basis thereafter, Pipeline will notify Customer regarding Pipeline's progress regarding Phase II of the Project, and whether the Phase II Service Commencement Date is expected to occur on November 1, 2017, or some later date.

In accordance with Section 3(c) of the Precedent Agreement, Pipeline hereby provides Customer with the attached project update [redacted]

If you have any questions regarding the foregoing, please do not hesitate to contact the undersigned.

Sincerely,

NEXUS GAS TRANSMISSION (PIPELINE)

Name: Erika D. Young
Project Director
Spectra Energy Transmission, LLC

[redacted]

Attachment
Phase II Project Update

NEXUS

GAS TRANSMISSION

NEXUS Update

December 31, 2014

Confidential

[redacted]

DTE Energy

[redacted]

Spectra Energy

NEXUS Gas Transmission Project Update

NEXUS GAS TRANSMISSION

Project Description:

- [redacted]
- In-Service: November 2017
- [redacted]
- Greenfield Facilities
  - ~245 miles of 36" or 42" pipe
  - Up to 130,000 HP with (3) to (4) Compressor stations
  - (4) M&R Stations
- Receipt Points:
  - Columbiana County, OH
    - Kensington Processing Plant
    - Tennessee Gas Pipeline
    - Texas Eastern Ohio Line
  - Texas Eastern M2 – Berne, OH to Braden Run, PA
- Delivery Points:
  - DTE Gas Transportation System at Willow Run, MI
  - Vector Pipeline System at:
    - Highland, MI
    - Zone 1 (Chicago area)
    - Dawn, ON

Project Update:

- Close of Supplemental Open Season on August 21, 2014 [redacted]
- Surveys initiated in September 2014
- Informational Meetings – October 6th- 13th in Ohio and November 12th-13th in Michigan
- BOD approvals received in December 2014.
- FERC Pre-filing – December 2014
- Second Supplemental Open Season in January 2015 to allow bids for firm receipts on the Texas Eastern system.
- Open Houses – End of January through February 2015
- On target for November 2017 in-service

NEXUS
GAS TRANSMISSION

January 30, 2015

Jamie LeBlanc
Enbridge Gas Distribution Inc.
500 Consumers Road
North York, Ontario
M1K 5E3

Re: Notification Pursuant to Section 3(c) of Precedent Agreement

Dear Jamie:

DTE Pipeline Company ("DTE") and Spectra Energy Transmission, LLC ("Spectra") (where DTE and Spectra are collectively referred to herein as "Pipeline") and Enbridge Gas Distribution Inc. ("Customer") have entered into a Precedent Agreement dated December 17, 2014 (the "Precedent Agreement") to contract for firm transportation service as part of the NEXUS Gas Transmission Project. All capitalized terms used in this letter that are not otherwise defined herein have the meanings given in the Precedent Agreement.

Section 3(c) of the Precedent Agreement requires that commencing on January 1, 2015, and continuing on a quarterly basis thereafter, Pipeline will notify Customer regarding Pipeline's progress regarding Phase II of the Project, and whether the Phase II Service Commencement Date is expected to occur on November 1, 2017, or some later date.

In accordance with Section 3(c) of the Precedent Agreement, Pipeline hereby provides Customer with the attached project update [redacted] ebruary 1, 2015. Further, although this notice is being provided prior to the end of the quarter following the last such notice, Pipeline hereby notifies Customer that in keeping with its obligation to provide quarterly update notices under Section 3(c) of the Precedent Agreement, such notices will hereafter be provided on a quarterly basis from the date hereof.

If you have any questions regarding the foregoing, please do not hesitate to contact the undersigned.

Sincerely,

NEXUS GAS TRANSMISSION (PIPELINE)

Name: Erika D. Young
Project Director
Spectra Energy Transmission, LLC

[redacted]

Attachment
Phase II Project Update

NEXUS SM

GAS TRANSMISSION

NEXUS Update

January 30, 2015

Confidential

DTE Energy

Spectra Energy

NEXUS Gas Transmission Project Update

NEXUS GAS TRANSMISSION

Project Description:

- [redacted]
- In-Service: November 2017
- [redacted]
- Greenfield Facilities
  - ~245 miles of 36" or 42" pipe
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- Receipt Points:
  - Columbiana County, OH
    - Kensington Processing Plant
    - Tennessee Gas Pipeline
    - Texas Eastern Ohio Line
  - Texas Eastern M2 – Berne, OH to Braden Run, PA
- Delivery Points:
  - DTE Gas Transportation System at Willow Run, MI
  - Vector Pipeline System at:
    - Highland, MI
    - Zone 1 (Chicago area)
    - Dawn, ON

Project Update:

- Close of Previous Supplemental Open Season on August 21, 2014 [redacted]
- Survey request approvals on target
- Informational Meetings – October 6th- 13th in Ohio and November 12th-13th in Michigan
- BOD approvals received December 2014.
- FERC Pre-file Process
  - Request submitted to FERC December 30, 2014
  - FERC approved January 9, 2015 – Docket PF15-10-000
  - Resource Reports 1 & 10 filed January 23, 2015
- Second Supplemental Open Season launched January 14, 2015 , to close February 12, 2015 which allows bids for firm receipts on the Texas Eastern system.
- Open Houses in Ohio and Michigan – February 2015
- On target for November 2017 in-service

NEXUS
GAS TRANSMISSION

May 1, 2015

Jamie LeBlanc
Enbridge Gas Distribution Inc.
500 Consumers Road
North York, Ontario
M1K 5E3

Re: Notification Pursuant to Section 3(c) of Precedent Agreement

Dear Jamie:

DTE Pipeline Company ("DTE") and Spectra Energy Transmission, LLC ("Spectra") (where DTE and Spectra are collectively referred to herein as "Pipeline") and Enbridge Gas Distribution Inc. ("Customer") have entered into a Precedent Agreement dated December 17, 2014 (the "Precedent Agreement") to contract for firm transportation service as part of the NEXUS Gas Transmission Project. All capitalized terms used in this letter that are not otherwise defined herein have the meanings given in the Precedent Agreement.

Section 3(c) of the Precedent Agreement requires that commencing on January 1, 2015, and continuing on a quarterly basis thereafter, Pipeline will notify Customer regarding Pipeline's progress regarding Phase II of the Project, and whether the Phase II Service Commencement Date is expected to occur on November 1, 2017, or some later date.

In accordance with Section 3(c) of the Precedent Agreement (and Pipeline's schedule for quarterly updates as explained in its notice to Customer dated February 1, 2015), Pipeline hereby provides Customer with the attached project update [redacted] as of May 1, 2015.

If you have any questions regarding the foregoing, please do not hesitate to contact the undersigned.

Sincerely,

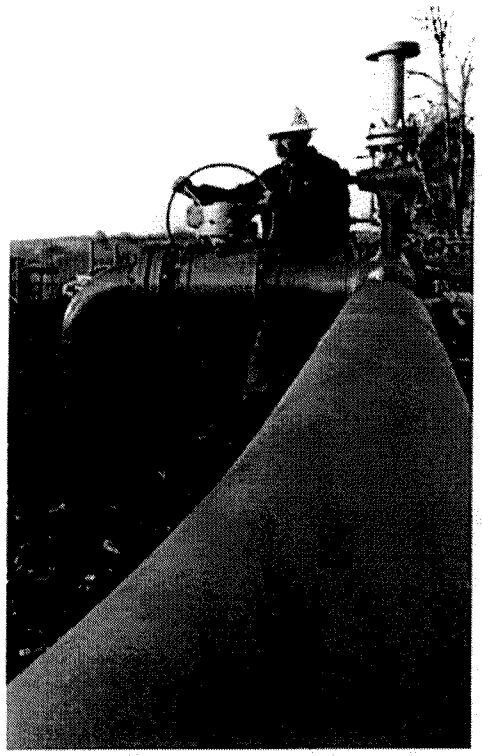
NEXUS GAS TRANSMISSION (PIPELINE)

Anne Moore

Name: Anne Moore
Director
Spectra Energy Transmission, LLC

[redacted]

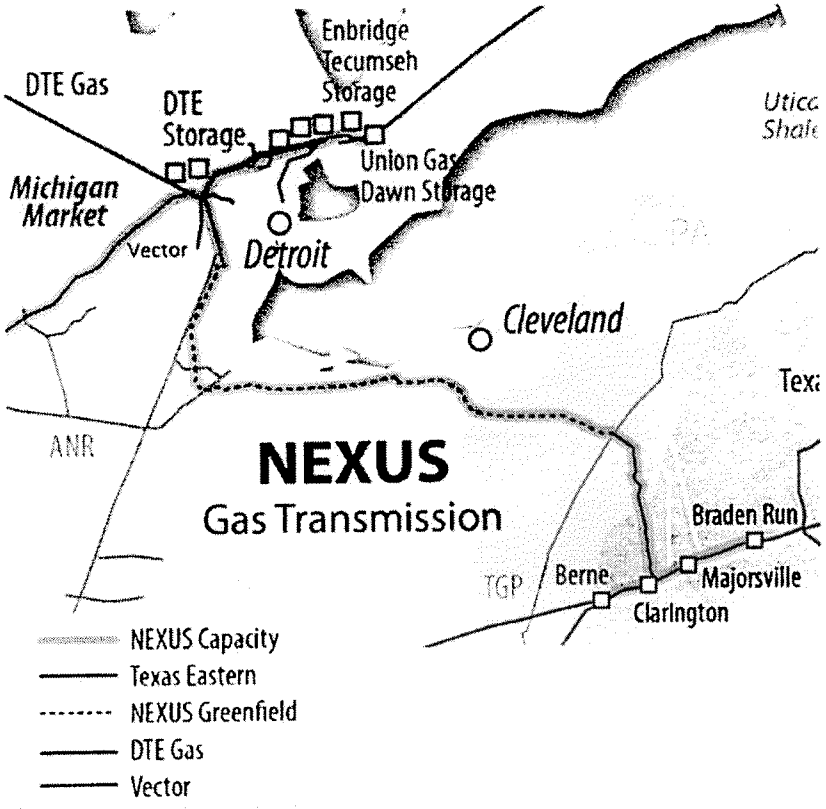
NEXUS
GAS TRANSMISSION



NEXUS Gas Transmission Quarterly Update

May 1, 2015
Confidential

Project Scope



NEXUS is on target for November 2017 in-service

Project Scope:

- [redacted]
- ~250 miles of 36" pipe
- 130,000 HP with 4 compressor stations
- 4 new M&R Stations, including:
  - Kensington Processing Plant
  - Tennessee Gas Pipeline
  - Texas Eastern Ohio Line
  - DTE Gas Transportation System at Willow Run, MI (delivery)
- In-Service: November 2017
- [redacted]

Key Milestones Achieved to Date:

- Held 9 voluntary informational sessions in OH and MI in October 2014
- FERC accepted project use of pre-filing process in January 2015
- Submitted first drafts of Resource Reports 1 & 10 (Purpose and Need and Alternatives) in January 2015
- Held 10 Open Houses in OH and MI in February 2015
- Scoping period underway through May 22 with 6 scoping meetings scheduled over next 2 weeks
- Anticipate filing next drafts of Resource Reports in June 2015 and full 7C application in November 2015

NEXUS
GAS TRANSMISSION

July 31, 2015

Jamie LeBlanc
Enbridge Gas Distribution Inc.
500 Consumers Road
North York, Ontario
M1K 5E3

Re: Notification Pursuant to Section 3(c) of Precedent Agreement

Dear Jamie:

DTE Pipeline Company ("DTE") and Spectra Energy Transmission, LLC ("Spectra") (where DTE and Spectra are collectively referred to herein as "Pipeline") and Enbridge Gas Distribution Inc. ("Customer") have entered into a Restated Precedent Agreement dated December 17, 2014, as amended as of June 3, 2015 (the "Precedent Agreement") to contract for firm transportation service as part of the NEXUS Gas Transmission Project. All capitalized terms used in this letter that are not otherwise defined herein have the meanings given in the Precedent Agreement.

Section 3(c) of the Precedent Agreement requires that commencing on January 1, 2015, and continuing on a quarterly basis thereafter, Pipeline will notify Customer regarding Pipeline's progress regarding the Project, and whether the Service Commencement Date is expected to occur on November 1, 2017, or some later date.

In accordance with Section 3(c) of the Precedent Agreement (and Pipeline's schedule for quarterly updates as explained in its notice to Customer dated February 1, 2015), Pipeline hereby provides Customer with the attached project update [redacted] as of July 31, 2015.

If you have any questions regarding the foregoing, please do not hesitate to contact the undersigned.

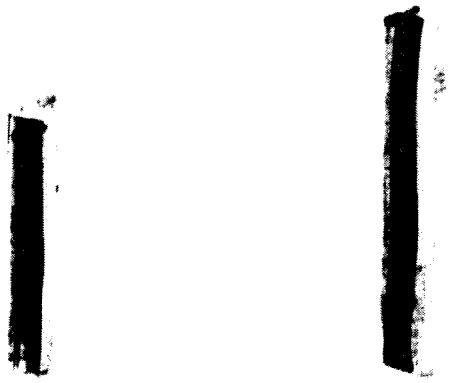
Sincerely,

NEXUS GAS TRANSMISSION (PIPELINE)

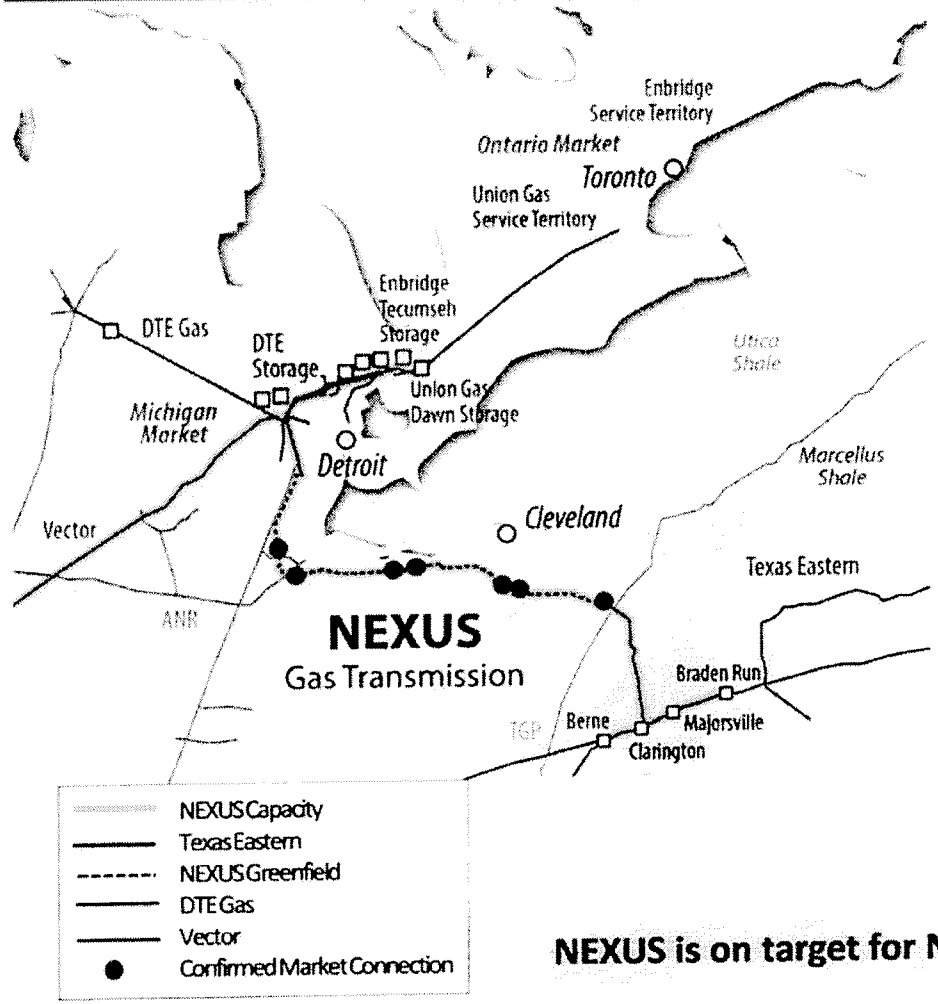
Name: Erika D. Young
Project Director
Spectra Energy Transmission, LLC

[redacted]

Attachment
Project Update



NEXUS Project Update



Project Scope:

- [redacted]
- ~250 miles of 36" pipe
- 130,000 HP with 4 compressor stations
- 5 new M&R Stations, including:
  - Kensington Processing Plant
  - Tennessee Gas Pipeline
  - Texas Eastern Ohio Line
  - DTE Gas Transportation System at Willow Run, MI (delivery)
  - LDC in Ohio (delivery)
- Multiple taps with various Ohio LDCs and End-Users
- In-Service : November 2017
- [redacted]

Key Milestones Achieved to Date:

- Held 9 voluntary informational sessions in OH and MI in October 2014
- FERC accepted project use of pre-filing process in January 2015
- Held 10 Open Houses in OH and MI in February 2015
- Scoping period ended May 22nd including 6 scoping meetings
- Opened Cleveland, OH office in June 2015
- Filed draft Resource Reports with FERC June 12th
- On schedule for full FERC 7C application in November 2015

NEXUS is on target for November 2017 in-service.

Confidential

TRANSCANADA INTERROGATORY #8

INTERROGATORY

Reference:

i) Application, Exhibit A, Tab 3, Schedule 1, Page 2 of 46, Paragraph 6

Preamble:

TransCanada seeks to understand details associated with the NEXUS project.

Request:

a) Please confirm the initial proponents of the NEXUS project were DTE Energy, Enbridge Inc., and Spectra Energy Corp. Please provide the ownership stake of each proponent at that time. If not confirmed, please identify all of the initial proponents and their ownership stakes.

b) Please list the proponents of the NEXUS project at the time Enbridge bid into the NEXUS Open Season. Please provide the ownership stake of each proponent at that time.

c) Who are the current proponents of the NEXUS project? Please provide the ownership stake of each proponent.

RESPONSE

a) Confirmed. Enbridge understands that the ownership stake in the NEXUS project was divided equally among the three initial proponents.

b) When Enbridge bid into the non-binding Open Season, the proponents were as set out in the response to a) above. At the time that Enbridge entered into the first PA, Enbridge Inc. was no longer a proponent of the NEXUS project.

c) Enbridge understands the current proponents of the NEXUS project are Spectra Energy Corp. and DTE Energy. Enbridge understands that ownership of the NEXUS project is divided equally between them.

Witnesses: J. LeBlanc
A. Welburn

TRANSCANADA INTERROGATORY #9

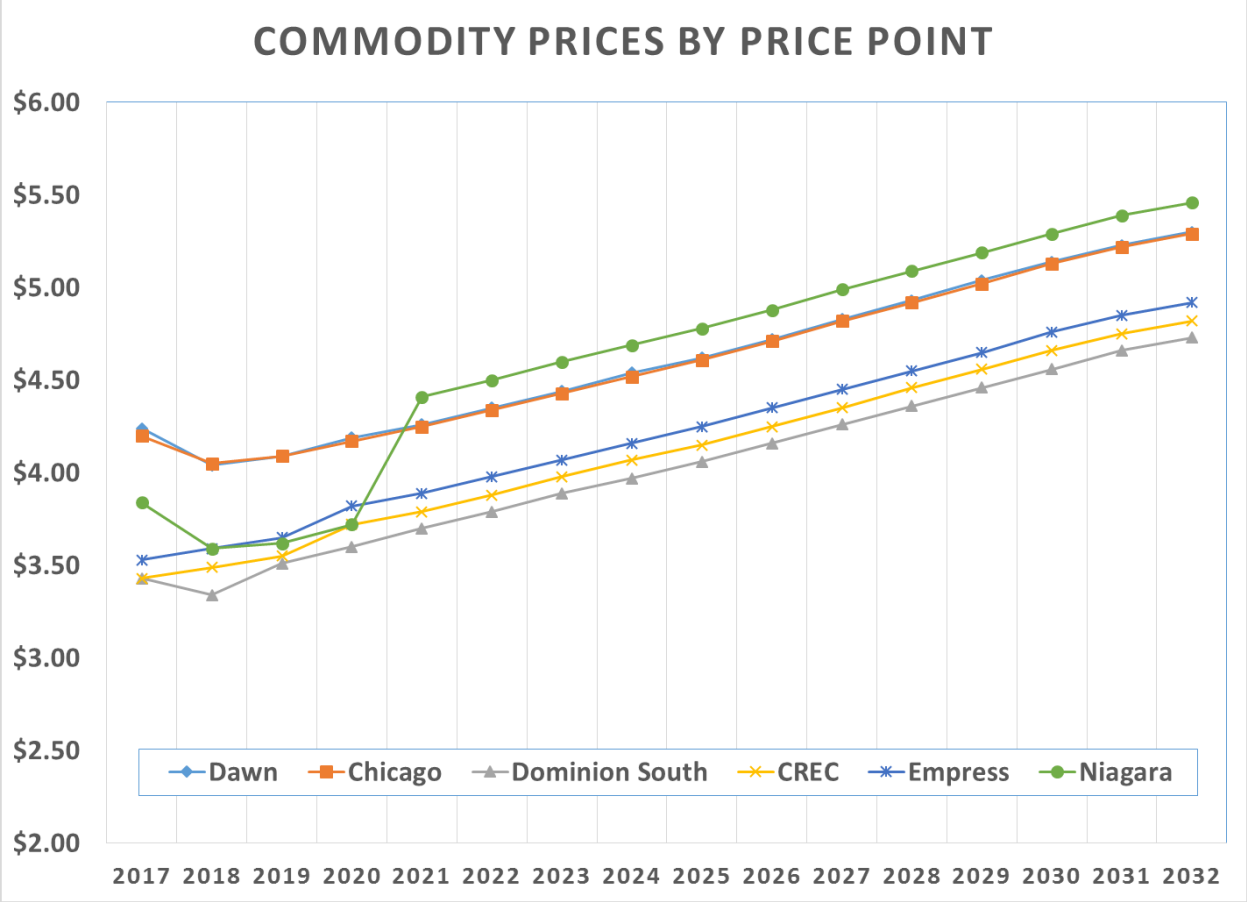
INTERROGATORY

Reference:

i) Application, Exhibit A, Tab 3, Schedule 1, Appendix C, Page 1 of 1

Preamble:

The above reference includes a table entitled: “May 2015 - Average Commodity Prices ($CAD/GJ)” which tabulates prices for 6 pricing points used in the landed cost analysis to compare the NEXUS path to possible alternatives. Values from this table are charted in the figure below. Note that all price points with the exception of Niagara move in parallel for the majority of the forecast period.



Witnesses: J. LeBlanc
A. Welburn

Request:

a) Please explain the market factors in terms of supply, demand and/or infrastructure that cause the Niagara pricing point to rise by about 60 cents in 2021 and beyond relative to its position amongst the other supply pricing points in the earlier 2017 – 2020 period. Why do these factors only affect the Niagara point?

RESPONSE

There was an error in the Niagara commodity price data that was used to perform the landed cost analysis for the TransCanada from Niagara path. Enbridge has corrected the error, and has filed updated evidence. The update is reflected in the average commodity prices for Niagara, found at Appendix C of Exhibit A, Tab 3, Schedule 1. This results in updated landed cost numbers for the TransCanada from Niagara path, as seen in the chart at the top of Appendix C. The updated landed cost numbers for the TransCanada from Niagara path are also reflected in updated versions of Table 2 of the pre-filed evidence (found at Exhibit A, Tab 3, Schedule 1, page 24). The revised Niagara commodity price data has been used by Enbridge to respond to any interrogatories related to landed cost analysis.

Witnesses: J. LeBlanc
A. Welburn