

Tennessee Gas Pipeline 2010 Pipeline Outage and Maintenance Summary

This is a summary of the current status of all TGP 2010 Pipeline Outages and Maintenance Projects. This document is subject to change as the season progresses to reflect the updated status of all outages and maintenance projects including, but not limited to, project delays, cancellations and additions. Additionally, anticipated impact and restrictions are subject to change.

*All scheduled dates represent gas days as defined in the Tennessee Gas Pipeline tariff to mean a period of twenty-four consecutive hours, beginning and ending at 9:00 a.m. (Central Clock Time).

* Indicates revision

Revised	Start Date	End Date	Prev. Start Date	Prev. End Date	Location	Leg	Zone	Maintenance Activity	Anticipated Impact	Potential Restriction Level	TOS Potential Restrictions	Meter(s) in impacted area
	07/19/10	11/19/10			Station 40	100	0	Line 4 discharge line pipe inspections and repair.	These pipe inspections will involve multiple excavations and will require isolation of line 4 within the Station 40 yard. Based upon current and historical through put, no service impact is anticipated, however in the event of significant nomination increases through Station 40, restrictions may become necessary from time to time.	SOP	Potential restrictions through a pro-rata portion of Secondary In the Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations pathed through Station 40.	
*	07/21/10	Project Completed 8/23/10			MLV 17-1 to MLV 20-1	100	0	Install pig launcher and receiver; replace valves; hydrostatic testing.	Physical flow will be suspended at all meters in the affected area as detailed. No additional service impact is anticipated.	MTR		Physical flow will be suspended for the duration of the project at meter: 011112 KATY DEHYDRATION EXCHANGE
*	08/16/10	09/10/10		09/03/10	Station 40	100	0	Unit 1 C annual inspection/clean after cooler; line 3 yard pipe inspection and repair.	Based upon current and historical through put, no service impact is anticipated. However, in the event of significant nomination increases, restrictions may become necessary from time to time.	SOP	Potential restrictions through a pro-rata portion of Secondary In the Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations pathed through Station 40.	
	08/23/10	09/04/10			Line 15N-100	100	0	Install pig launcher and receiver.	Physical flow will be suspended at all meters in the affected area for the duration of the project. No additional service impact is anticipated.	MTR		Meters in the affected area: 010720 KATY DEHY EXCH (BI 2 0380)(CI) 020689 WHARTON REDELIVERY (CI) 011929 WHARTON COUNTY TIE IN (AC) 012166 WILSON 1 (AC) 012099 JONES CREEK OTELL 1 DEHYDRATION (AC) 012046 MCFARLAND DEHYDRATION (CI)
*	08/23/10	08/27/10			MLV 13-3 to MLV 17-3	100	0	Pigging operations.	No service impact is anticipated.	None		
	08/25/10	10/22/10			Station 40	100	0	Yard pipe inspections and repair.	Based upon current and historical through put, no service impact is anticipated. However, in the event of significant nomination increases, restrictions may	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP)	
*	09/01/10	09/01/10	09/03/10	09/03/10	Line 409A-100 (Donna Lateral)	100	0	Pigging operations.	No service impact is anticipated.	None		
	09/06/10	09/10/10			MLV 1-1 to MLV 9-1	100	0	Pigging operations.	No service impact is anticipated.	None		
	09/07/10	09/10/10			Station 25	100	0	Install valves and operators.	This project will require Station 25 to be off line, which may affect through put through the station. Based upon current and historical through put, no service impact is anticipated, however, in the event of significant nomination increases, restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations pathed through Station 25.	
*	09/13/10	09/30/10	09/07/10	09/21/10	Station 40 Unit 2C	100	0	Annual compressor inspection.	No service impact is anticipated.	None		
	09/07/10	09/21/10			Station 40 Unit 2C	100	0	Replace jet cells.	Based upon current and historical through put, no service impact is anticipated. However, in the event of significant nomination increases, restrictions may become necessary from time to time.	SOP	Potential restrictions through a pro-rata portion of Secondary In the Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations pathed through Station 40.	
	09/07/10	09/14/10			MLV 408-2 to MLV 409-2	100	0	Pipe replacement due to anomaly repair.	Based upon customer nominations restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations.	
	09/08/10	09/09/10			Station 409A (Alamo)	100	0	Fuel gas modifications.	This project will be completed one unit at a time so no service impact is anticipated.	None		
	09/13/10	09/17/10			MLV 1-2 to MLV 9-2	100	0	Pigging operations.	No service impact is anticipated.	None		
	09/14/10	09/14/10			Line 700 (Carthage Lateral)	100	0	Quarterly pigging operations.	Customers with meters on this line should anticipate pressure fluctuations for 6 to 12 hours during pigging operations. In addition, Compressor Station 703 must be off line for the duration of the pigging operations, which may result in restrictions.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations pathed from receipt points on the Carthage Lateral.	
*	09/15/10	09/18/10	*Revised impact also. 9/24/10	09/29/10	MLV 407-1 to MLV 408-1	100	0	Pipe replacement due to anomaly repair.	Based upon customer nominations, restrictions may become necessary. No service impact is anticipated.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations.	
	09/15/10	09/16/10			Station 25-C Building	100	0	Install air compressor and dryer.	This project will require a C Building outage. Based upon current and historical through put no service impact is anticipated.	None		

Tennessee Gas Pipeline 2010 Pipeline Outage and Maintenance Summary

This is a summary of the current status of all TGP 2010 Pipeline Outages and Maintenance Projects. This document is subject to change as the season progresses to reflect the updated status of all outages and maintenance projects including, but not limited to, project delays, cancellations and additions. Additionally, anticipated impact and restrictions are subject to change.

*All scheduled dates represent gas days as defined in the Tennessee Gas Pipeline tariff to mean a period of twenty-four consecutive hours, beginning and ending at 9:00 a.m. (Central Clock Time).

* Indicates revision

Revised	Start Date	End Date	Prev. Start Date	Prev. End Date	Location	Leg	Zone	Maintenance Activity	Anticipated Impact	Potential Restriction Level	TOS Potential Restrictions	Meter(s) in impacted area
*	09/20/10	09/21/10	09/30/10	10/01/10	MLV 404-1 to MLV 405-1	100	0	Anomaly remediation.	This project will require pressure reductions, and will may result in isolation of this line section for repairs, which may result in restrictions. However, no service impact is anticipated.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations.	
	09/20/10	09/24/10			MLV 4-3 to MLV 9-3	100	0	Pigging operations.	No service impact is anticipated.	None		
*	09/22/10	09/24/10	*Revised impact also. 9/15/10	09/18/10	MLV 404-2 to MLV 405-2	100	0	Anomaly remediation.	This project will require pressure reductions, and will may result in isolation of this line section for repairs. Based upon customer nominations, restrictions may become necessary. However, no service impact is anticipated.	SOP None	Potential restrictions through a pro-rata portion of Secondary Out of Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations pathed through this valve section.	
	09/22/10	10/22/10			Station 409A (Alamo)	100	0	Replace ESS controls; fuel gas modifications.	This project will be completed one unit at a time so no service impact is anticipated.	None		
*	09/27/10	09/28/10	***Revised impact also. 10/5/10	10/06/10	MLV 402-1 to MLV 403-1	100	0	Anomaly remediation.	This project will require pressure reductions, and will may result in isolation of this line section for repairs. Based upon customer nominations, restrictions may become necessary. However, no service impact is anticipated.	SOP None	Potential restrictions through a pro-rata portion of Secondary Out of Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations pathed through this valve section.	
*	09/28/10	10/02/10	09/13/10	09/17/10	Station 32-B Building Gas coolers	100	0	MCC Replacement.	Based upon historical and current throughput levels, no service impact is anticipated. In the event that nominations increase significantly, restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations through Station 32.	
*	09/29/10	09/30/10	* Revised impact also. 9/20/10	09/21/10	MLV 402-2 to MLV 403-2	100	0	Anomaly remediation.	This project will require pressure reductions, and will result in isolation of this line section for repairs. Based upon customer nominations, restrictions may become necessary. Flow control is required for this project, however, no service impact is anticipated.	SOP None	Potential restrictions through a pro-rata portion of Secondary Out of Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations pathed through this valve section.	
	10/04/10	10/08/10			MLV 9-1 to MLV 17-1	100	0	Pigging operations.	No service impact is anticipated.	None		
*	10/04/10	10/05/10	*Revised impact also. 9/22/10	09/23/10	MLV 400-2 to MLV 401-2	100	0	Anomaly remediation.	This project will require pressure reductions, and will result in isolation of this line section for repairs. Based upon customer nominations, restrictions may become necessary. Flow control is required for this project, however, no service impact is anticipated.	SOP None	Potential restrictions through a pro-rata portion of Secondary Out of Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations pathed through this valve section.	
	10/05/10	10/05/10			Line 409A-900 (Pemex Lateral)	100	0	Pigging operations.	No service impact is anticipated.	None		

Tennessee Gas Pipeline 2010 Pipeline Outage and Maintenance Summary

This is a summary of the current status of all TGP 2010 Pipeline Outages and Maintenance Projects. This document is subject to change as the season progresses to reflect the updated status of all outages and maintenance projects including, but not limited to, project delays, cancellations and additions. Additionally, anticipated impact and restrictions are subject to change.

*All scheduled dates represent gas days as defined in the Tennessee Gas Pipeline tariff to mean a period of twenty-four consecutive hours, beginning and ending at 9:00 a.m. (Central Clock Time).

* Indicates revision

Revised	Start Date	End Date	Prev. Start Date	Prev. End Date	Location	Leg	Zone	Maintenance Activity	Anticipated Impact	Potential Restriction Level	TOS Potential Restrictions	Meter(s) in impacted area
	10/06/10	10/07/10			Station 40	100	0	700-1 (Carthage) Line valve installation.	This project will be performed concurrently with the MLV 703-1 to 704-1 line lowering, severing the flow on the Carthage Lateral from MLV 704 into Station 40, which will result in suspension of physical flow at all meters from MLV 704 into Station 40.	MTR		Physical flow will be suspended at all meters from MLV 704 to Station 40 for the duration of the project: 011143 GROGAN DEHYDRATION TRANSPORT (CI) 011330 CHEMARD LAKE DEHYDRATION 011442 NABORTON DEHYD D N BELL 1 (CI) 011590 GROGAN FIELD (CI) 011598 SAN MIGUEL CREEK FIELD (CI) 011668 BRUSHY BAYOU FIELD 011755 GROGAN FIELD (CI) 012583 BENSON AND CONVERSE 012610 WEST MANSFIELD 012736 MARTIN TIMBER (CO) 012765 HARRIS 19.1: RIP 703G 101.1 012775 TRENTON SALES: RIP 703H 1 5.38 012786 BLACKSTONE IVORY: RIP 702M 101.1 012814 BLACKSTONE NO 1: RIP 703K 101.1 012819 Converse Central: RIP 703J 101.1 (CO) 020628 PLEASANT HILL TRANSPORT (CI)
	10/06/10	10/07/10			MLV 703-1 to MLV 704-1	100	0	Line lowering.	This project will be performed concurrently with the Station 40 valve installation project and will sever flow on the Carthage Lateral from MLV 704 to the end of the Carthage lateral. Meters will be affected as detailed.	MTR		Physical flow at receipt meters upstream of MLV 704 will be suspended unless delivered into meter 020723 CARTHAGE GAS UNIT 13 (Bi 1 2141). Receipt meters upstream of MLV 704: 010031 EAST TEXAS PLANT DEHYDRATION 011200 ENTEX PANOLA TRANSPORT 011327 SPIDER DEHYDRATION 011525 BELLE BOWER DEHYDRATION 012026 GRAND CANE 012033 CARTHAGE TRANSPORT 012081 BETHANY LONGSTREET FIELD 012141 CARTHAGE GAS UNIT 13 (Bi 2 0723 012607 DESOTO HOLLY FIELD 012688 PANOLA TRANSPORT 2 012706 LOGANSPORT 012725 DE SOTO GATHERING 012759 BURFORD GATHERING: RIP 704 E 101.1 012764 STATE LINE PROCESSING: RIP 704F 012807 LOGANSPORT B: RIP 704H 101.1A Physical flow at delivery meter 020723 CARTHAGE GAS UNIT 13 (Bi 1 2141) must be equal to the sum of the physical flow at receipt meters upstream of MLV 704.
	10/06/10	10/07/10			Station 703 (Carthage Compressor)	100	0	Unit inspection.	Compressor Station 703 must be off line for the duration of this project, which will be completed during the Station 40 valve installation and MLV 703 to 704 line lowering. No service impact is anticipated.	None		
*	10/06/10	10/08/10	10/07/10	10/10/10	MLV 400-1 to MLV 401-1	100	0	Anomaly remediation.	This project will require pressure reductions, and will result in isolation of this line section for repairs. Based upon customer nominations, restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations pathed through this valve section.	
	10/11/10	10/11/10			MLV 9-2 to MLV 17-2	100	0	Pigging operations.	No service impact is anticipated.	None		
	10/18/10	10/22/10			MLV 9-3 to MLV 11-3	100	0	Pigging operations.	No service impact is anticipated.	None		
	10/25/10	10/29/10			MLV 13-3 to MLV 17-3	100	0	Pigging operations.	No service impact is anticipated.	None		
	11/09/10	11/09/10			Line 409A-1100 (Rio Bravo Lateral)	100	0	Pigging operations.	No service impact is anticipated.	None		
	11/15/10	11/15/10			Station 40 Unit 1C	100	0	1800 hour preventative maintenance.	This work will be completed in 6 to 8 hours. No service impact is anticipated.	None		
	12/07/10	12/07/10			Station 40 Unit 2C	100	0	1800 hour preventative maintenance.	This work will be completed in 6 to 8 hours. No service impact is anticipated.	None		

Tennessee Gas Pipeline 2010 Pipeline Outage and Maintenance Summary

This is a summary of the current status of all TGP 2010 Pipeline Outages and Maintenance Projects. This document is subject to change as the season progresses to reflect the updated status of all outages and maintenance projects including, but not limited to, project delays, cancellations and additions. Additionally, anticipated impact and restrictions are subject to change.

*All scheduled dates represent gas days as defined in the Tennessee Gas Pipeline tariff to mean a period of twenty-four consecutive hours, beginning and ending at 9:00 a.m. (Central Clock Time).

* Indicates revision

Revised	Start Date	End Date	Prev. Start Date	Prev. End Date	Location	Leg	Zone	Maintenance Activity	Anticipated Impact	Potential Restriction Level	TOS Potential Restrictions	Meter(s) in impacted area
	5/24/2010	To Be Determined 5/28/2010			MLV 4-3 to MLV 9-3	100	0	Pigging operations.	No service impact is anticipated.	None		
	5/31/2010	To Be Determined 6/4/2010			MLV 9-1 to MLV 17-1	100	0	Pigging operations.	No service impact is anticipated.	None		
	6/21/10	To Be Determined 6/25/10			Station 32	100	0	Peco filter change.	Based upon historical and current throughput levels, no service impact is anticipated. In the event that nominations increase significantly, restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations through Station 32.	
	To be determined				Station 409A (Alamo)	100	0	Replace controls.	To be determined	TBD		
	To be determined				MLV 9-1 to MLV 10-1	100	0	Pipe inspections and repair.	To be determined	TBD		
*	To Be Determined 11/1/10	To Be Determined 11/12/10	To be completed in 2011		Line 5A-300	100	0	Hydrostatic testing.	To be determined.	TBD		
*	To Be Determined 11/15/10	To Be Determined 11/19/10	To be completed in 2011		Line 5A-200	100	0	Hydrostatic testing.	To be determined.	TBD		
	To Be Determined 6/14/2010	To Be Determined 6/18/2010			MLV 9-3 to MLV 11-3	100	0	Pigging operations.	No service impact is anticipated.	None		
	To Be Determined 6/14/2010	To Be Determined 6/18/2010			Station 25	100	0	Peco filter change.	Based upon historical and current throughput levels, no service impact is anticipated. In the event that nominations increase significantly, restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations through Station 25.	
	To Be Determined 6/7/2010	To Be Determined 6/11/2010			MLV 9-2 to MLV 17-2	100	0	Pigging operations.	No service impact is anticipated.	None		

Tennessee Gas Pipeline 2010 Pipeline Outage and Maintenance Summary

This is a summary of the current status of all TGP 2010 Pipeline Outages and Maintenance Projects. This document is subject to change as the season progresses to reflect the updated status of all outages and maintenance projects including, but not limited to, project delays, cancellations and additions. Additionally, anticipated impact and restrictions are subject to change.

*All scheduled dates represent gas days as defined in the Tennessee Gas Pipeline tariff to mean a period of twenty-four consecutive hours, beginning and ending at 9:00 a.m. (Central Clock Time).

* Indicates revision

Revised	Start Date	End Date	Prev. Start Date	Prev. End Date	Location	Leg	Zone	Maintenance Activity	Anticipated Impact	Potential Restriction Level	TOS Potential Restrictions	Meter(s) in impacted area
	To Be Determined 6/7/2010	To Be Determined 6/11/2010			Station 17	100	0	Peco filter change.	Based upon historical and current throughput levels, no service impact is anticipated. In the event that nominations increase significantly, restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations through Station 17.	
	To Be Determined 7/12/10	To Be Determined 7/16/10			MLV 1-1 to MLV 9-1	100	0	Pigging operations.	No service impact is anticipated.	None		
*	Project Cancelled	Project Cancelled	To Be Determined 7/20/10	To Be Determined 7/22/10	Line 409A-100 (Donna Lateral)	100	0	Pigging operations.	No service impact is anticipated.	None		
	To Be Determined 7/26/10	To Be Determined 7/30/11			MLV 4-3 to MLV 9-3	100	0	Pigging operations.	No service impact is anticipated.	None		
	To Be Determined 8/2/2010	To Be Determined 8/6/2010			MLV 9-1 to MLV 17-1	100	0	Pigging operations.	No service impact is anticipated.	None		
	To Be Determined 8/16/10	To Be Determined 8/20/10			MLV 9-3 to MLV 11-3	100	0	Pigging operations.	No service impact is anticipated.	None		
	To Be Determined 8/9/2010	To Be Determined 8/13/10			MLV 9-2 to MLV 17-2	100	0	Pigging operations.	No service impact is anticipated.	None		
*	07/28/10	11/02/10		11/19/10	MLV 866 to MLV 876 Lines 1 & 2	100	1	Anomaly Remediation	Multiple line sections within this line segment will be inspected, with the potential for repairs. These inspections will require pressure reductions and may result in isolation of individual line sections for repairs, however, no service impact is anticipated.	None		
	08/23/10	09/24/10			MLV 47-2 to MLV 48-2	100	1	Hydrostatic testing.	Based upon historical and current throughput levels, no service impact is anticipated. In the event that nominations increase significantly, restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations pathed through this valve section.	
*	08/23/10	Project Completed 8/25/10			Station 47 Unit 1D	100	1	Replace operating interface system.	The loss of horsepower associated with this outage may result in a loss of throughput through Station 47. Based upon historical and current throughput levels, no service impact is anticipated. In the event that nominations increase significantly, restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations through Station 47.	
	08/23/10	08/27/10			MLV 53-1 to MLV 54-1	100	1	Casing repair.	Based upon current and historical through put no service impact is anticipated. In the event that a pressure reduction is required, and customer nominations increase substantially, restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations pathed through this line section.	
	08/26/10	09/03/10			Station 54 D Building	100	1	Equipment installation.	A building outage will be required for this project. Based upon historical and current throughput levels, no service impact is anticipated. In the event that nominations increase significantly, restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary In the Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations pathed through Station 54.	
*	08/26/10	Project Completed 8/26/10		08/27/10	Station 47 Unit 2D	100	1	Replace operating interface system.	Based upon historical and current throughput levels, no service impact is anticipated. In the event that nominations increase significantly, restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations pathed through Station 47.	
	09/07/10	09/09/10			Station 63 Unit 2D	100	1	Replace suction compressor valves.	No service impact is anticipated.	None		
	09/13/10	09/17/10			Station 47 Unit 1E	100	1	Install water wash system.	The loss of horsepower associated with this unit outage may limit the through put through Station 47, and based upon customer nominations, restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations through Station 47.	
	09/13/10	09/30/10			Station 71 A Building	100	1	Replace unit valves and actuators.	This project will require an A Building outage. No service impact is anticipated.	None		
	09/13/10	10/23/10			MLV 63-2 to MLV 64-2	100	1	Hydrostatic testing.	No service impact is anticipated.	None		

Tennessee Gas Pipeline 2010 Pipeline Outage and Maintenance Summary

This is a summary of the current status of all TGP 2010 Pipeline Outages and Maintenance Projects. This document is subject to change as the season progresses to reflect the updated status of all outages and maintenance projects including, but not limited to, project delays, cancellations and additions. Additionally, anticipated impact and restrictions are subject to change.

*All scheduled dates represent gas days as defined in the Tennessee Gas Pipeline tariff to mean a period of twenty-four consecutive hours, beginning and ending at 9:00 a.m. (Central Clock Time).

* Indicates revision

Revised	Start Date	End Date	Prev. Start Date	Prev. End Date	Location	Leg	Zone	Maintenance Activity	Anticipated Impact	Potential Restriction Level	TOS Potential Restrictions	Meter(s) in impacted area
*	09/14/10	10/05/10	09/07/10	09/24/10	MLV 41 to MLV 42 (All 4 lines)	100	1	Pipe recoats.	These recoats will be completed one line at a time, and may require pressure reductions, however, no service impact is anticipated.	None		
	09/21/10	09/23/10			Station 54	100	1	Sub station/switchgear inspection; Unit valve replacements.	This project will be completed one unit at a time. Based upon historical and current throughput levels, no service impact is anticipated. In the event that nominations increase significantly, restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations pathed through Station 54.	
	09/25/10	10/09/10			MLV 79-1 to MLV 82-1A	100	1	Anomaly Remediation.	Multiple line sections within this line segment will be inspected, with the potential for repairs. These inspections will require pressure reductions and may result in isolation of individual line sections for repairs, however, no service impact is anticipated.	None		
	10/19/10	10/25/10			Bear Creek Storage Field	100	1	Fall shut in test.	During the shut in test Tennessee will have limited operational flexibility to absorb imbalances, so customers should strive to keep all contracts in balance. Tennessee does not anticipate restrictions, however if operational conditions change during the shut in test restrictions may become necessary.	FSAO	Potential storage service restrictions through Firm Storage Authorized Overrun (IS, FS-AO).	
	11/11/10	12/01/10			MLV 82-3 to MLV 87-3	100	1	Anomaly Remediation.	No service impact is anticipated.	None		
	12/02/10	12/11/10			MLV 82-1 to MLV 87-1	100	1	Anomaly Remediation.	Multiple line sections within this line segment will be inspected, with the potential for repairs. These inspections will require pressure reductions and may result in isolation of individual line sections for repairs, however, no service impact is anticipated.	None		
	To be determined	To be determined			MLV 40-3 to MLV 47-3	100	1	Pigging operations.	No service impact is anticipated.	None		
	To be determined	To be determined			MLV 40-4 to MLV 47-4	100	1	Pigging operations.	No service impact is anticipated.	None		
*	08/16/10	Project Completed 8/20/10			547J-100 Line (Black Warrior Lateral)	500	1	Internal pipe inspection/Cleaning, gauge, caliper and ILI Pig Runs.	This pigging operation must be performed with the lateral out of service. Physical flow will be suspended at all meters in the affected area from the start of the gas day 8/16/10 through the end of the gas day 8/18/10 (calendar day 8/19/10). Physical flow may be suspended for short periods of time during the remaining pigging activities from 8/19 through 8/20. No additional impacts are anticipated.	MTR		Meters in the affected area: 020694 MISSISSIPPI TRANSPORT 020765 ABERDEEN SALES 020861 PEARSON METHANOL PLANT (CI) 011841 WISE GAP TENN RIVER 30 1 (CI) 012397 BUTAHATCHIE 1 (CI)
	09/09/10	09/09/10			MLV 538-2 to MLV 542-2	500	1	Internal pipe inspections/Cleaning and Gauge (complete 8/11); Geometry and Smart tool (9/9) pigging.	These operations will require operating at controlled flow rates. Customers may experience pressure fluctuations, however, no service impact is anticipated.	None		
	09/15/10	09/15/10			MLV 534-1 to MLV 534-1A	500	1	Internal pipe inspections/Cleaning (9/15), Gauge (9/15), Geometry tool (9/15), Smart tool (9/15).	These operations will require operating at controlled flow rates. Customers may experience pressure fluctuations, however, no service impact is anticipated.	None		
	06/14/10	11/11/10			MLV 860-1 to MLV 866-1	800	1	Anomaly Remediation	Multiple line sections within this line segment will be inspected, with the potential for repairs. These inspections will require pressure reductions and may result in isolation of individual line sections for repairs, however, no service impact is anticipated.	None		

Tennessee Gas Pipeline 2010 Pipeline Outage and Maintenance Summary

This is a summary of the current status of all TGP 2010 Pipeline Outages and Maintenance Projects. This document is subject to change as the season progresses to reflect the updated status of all outages and maintenance projects including, but not limited to, project delays, cancellations and additions. Additionally, anticipated impact and restrictions are subject to change.

*All scheduled dates represent gas days as defined in the Tennessee Gas Pipeline tariff to mean a period of twenty-four consecutive hours, beginning and ending at 9:00 a.m. (Central Clock Time).

* Indicates revision

Revised	Start Date	End Date	Prev. Start Date	Prev. End Date	Location	Leg	Zone	Maintenance Activity	Anticipated Impact	Potential Restriction Level	TOS Potential Restrictions	Meter(s) in impacted area
*	08/10/10	10/01/10		09/28/10	Station 838	800	1	Install generator--two days in this time period.	This project will require a station outage for the tie in of the generator. Based upon customer nominations, restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations pathed through Station 838.	
	08/10/10	10/01/10			Station 838	800	1	Control panel replacement.	This project will require a total station outage, which may result in restrictions.	SOP	Based upon customer nominations, restrictions may become necessary from time to time through a pro-rata portion of Secondary Out of Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations through Station 838.	
	09/13/10	09/15/10			Station 847	800	1	Substation inspection.	A station outage will be required for the duration of this project. Based upon historical and current throughput levels, no service impact is anticipated. In the event that nominations increase significantly, restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations pathed through Station 847.	
	09/13/10	09/16/10			Station 838	800	1	Replace valve actuators.	A station shut down will be required for this project. Based upon historical and current throughput levels, no service impact is anticipated. In the event that nominations increase significantly, restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations pathed through Station 838.	
	09/21/10	09/21/10			Station 860	800	1	ESD Test.	This project will Station 860 to be off line for 8 to 12 hours, however, no service impact is anticipated.	None		
	10/03/10	10/30/10			MLV 847-1 to MLV 848-1	800	1	Pipe Recoats.	This project may require pressure reductions to prevent pipe sweating during the recoats, however, no service impact is anticipated.	None		
	10/04/10	10/15/10			Station 856	800	1	Equipment installation.	This project will require a station outage, however, no service impact is anticipated.	None		
*	08/09/10	Project Completed 8/20/10		08/27/10	MLV 110-5 to MLV 111-5	100	2	Anomaly Remediation.	This line section will be inspected, with the potential for repairs. These inspections will require pressure reductions and may result in isolation of individual line sections for repairs. No service impact is anticipated.	None		
*	08/23/10	09/18/10	09/06/10		MLV 110-5 to MLV 200-5	100	2	Anomaly Remediation.	Multiple line sections within this line segment will be inspected, with the potential for repairs. These inspections will require pressure reductions and may result in isolation of individual line sections for repairs. No service impact is anticipated.	None		
	09/13/10	09/23/10			Station 96	100	2	Substation and switch gear inspection; replace Ariel DMS system unit 1D.	No service impact is anticipated.	None		
	09/14/10	09/14/10			Station 110	100	2	ESD Test.	No service impact is anticipated.	None		
	To be determined				Station 107A (North Means)	100	2	Turbine Inspections, 1 Unit at a time.	These turbine inspections will be completed one unit at a time. No service impact is anticipated, however, based upon customer nominations and availability of the remaining unit, flow may be limited at meter 020049 NORTH MEANS.	None		020049 NORTH MEANS
*	10/11/10	10/12/10	09/23/10	09/24/10	Station 405A	200	4	ESD Test; protective device inspections; turbine water wash; replace filter elements.	These activities will require a station outage, which will limit the operational flexibility to move gas across the HC Line from Station 313 to Station 237. Based upon customer nominations restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Loan, Park Withdrawal, IT-X, IT, AOT, PAT, Payback From Tennessee, EDS/ERS, SOP) nominations.	
	07/15/10	09/13/10			Station 321 A Building	300	4	Horsepower replacement project.	This project will require an A Building outage for the duration of the project. Based upon customer nominations restrictions may become necessary from time to time.	SOP	Potential restrictions through Secondary Out of Path (Loan, Park Withdrawal, IT-X, IT, AOT, PAT, Payback From Tennessee, EDS/ERS, SOP, SOP) nominations pathed through Station 321.	
	08/10/10	08/31/10			MLV 303-1 to MLV 304-1	300	4	Station 303 line 1 tie ins and Hwy. 322 pipe replacement.	Based upon customer nominations through this line section, restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Loan, Park Withdrawal, IT-X, IT, AOT, PAT, Payback From Tennessee, EDS/ERS, SOP) nominations pathed through this valve section.	

Tennessee Gas Pipeline 2010 Pipeline Outage and Maintenance Summary

This is a summary of the current status of all TGP 2010 Pipeline Outages and Maintenance Projects. This document is subject to change as the season progresses to reflect the updated status of all outages and maintenance projects including, but not limited to, project delays, cancellations and additions. Additionally, anticipated impact and restrictions are subject to change.

*All scheduled dates represent gas days as defined in the Tennessee Gas Pipeline tariff to mean a period of twenty-four consecutive hours, beginning and ending at 9:00 a.m. (Central Clock Time).

* Indicates revision

Revised	Start Date	End Date	Prev. Start Date	Prev. End Date	Location	Leg	Zone	Maintenance Activity	Anticipated Impact	Potential Restriction Level	TOS Potential Restrictions	Meter(s) in impacted area
*	08/10/10	Project Completed 8/26/10		08/31/10	MLV 310-1 to MLV 311-1	300	4	Line 1 tie ins for new compressor Station 310.	Physical flow will be suspended at all meters in the affected area for the duration of the project and based upon customer nominations through this line section, restrictions may become necessary.	MTR, SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Loan, Park Withdrawal, IT-X, IT, AOT, PAT, Payback From Tennessee, EDS/ERS, SOP) nominations pathed through this valve section.	Meters in the affected area: 012808 CLERMONT DEHY: RIP 310C 101.1 (CO) 012670 MCKEAN (AC) 012805 WHITE HOLLOW DEHY:RIP 310B 101.1 (AC)
	09/01/10	09/22/10			MLV 303-2 to MLV 304-2	300	4	Station 303 line 2 tie ins and Hwy. 322 pipe replacement.	Based upon customer nominations through this line section, restrictions may become necessary	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Loan, Park Withdrawal, IT-X, IT, AOT, PAT, Payback From Tennessee, EDS/ERS, SOP) nominations pathed through this valve section.	
	09/01/10	09/22/10			MLV 310-2 to MLV 311-2	300	4	Line 2 tie ins for new compressor Station 310.	Based upon customer nominations through this line section, restrictions may become necessary	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Loan, Park Withdrawal, IT-X, IT, AOT, PAT, Payback From Tennessee, EDS/ERS, SOP) nominations pathed through this valve section.	
	09/14/10	09/18/10			Station 317	300	4	ESD Test; replace filter.	This activity will require a Station outage. No service impact is anticipated, however, based upon customer nominations restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Loan, Park Withdrawal, IT-X, IT, AOT, PAT, Payback From Tennessee, EDS/ERS, SOP) nominations pathed through Station 317.	
	09/20/10	09/25/10			Station 319	300	4	ESD Test; replace filter.	This activity will require a Station outage. No service impact is anticipated, however, based upon customer nominations restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Loan, Park Withdrawal, IT-X, IT, AOT, PAT, Payback From Tennessee, EDS/ERS, SOP) nominations pathed through Station 317.	
	09/27/10	10/02/10			Station 323	300	4	ESD Test; replace filter; electrical system work.	This activity will require a Station outage. No service impact is anticipated, however, based upon customer nominations restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Loan, Park Withdrawal, IT-X, IT, AOT, PAT, Payback From Tennessee, EDS/ERS, SOP) nominations pathed through Station 323.	
*	09/28/10	09/29/10	09/27/10	10/01/10	Station 307	300	4	ESD Test; jacket water repair.	These activities will require a station outage, and based upon customer nominations, restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Loan, Park Withdrawal, IT-X, IT, AOT, PAT, Payback From Tennessee, EDS/ERS, SOP) nominations pathed through Station 307.	
*	10/01/10	10/01/10	10/05/10	10/06/10	Station 313	300	4	ESD Test.	This activity will require Station 313 to be off line for 8 to 10 hours, which will limit through put through the station, and may result in restrictions, based upon customer nominated levels.	SOP	Potential restrictions through Secondary Out of Path (Loan, Park Withdrawal, IT-X, IT, AOT, PAT, Payback From Tennessee, EDS/ERS, SOP) nominations pathed through Station 313.	
*	10/02/10	10/24/10	10/01/10	10/23/10	MLV 313-1 to MLV 314-1	300	4	Anomaly remediation.	This project will require a pressure reduction and could result in isolation of this valve section in the event that pipe replacement becomes necessary. Based upon customer nominations restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Loan, Park Withdrawal, IT-X, IT, AOT, PAT, Payback From Tennessee, EDS/ERS, SOP) nominations pathed through this valve section.	
	10/04/10	10/11/10			Harrison Storage Field	300	4	Fall shut in test.	During the shut in test Tennessee will have limited operational flexibility to absorb imbalances, so customers should strive to keep all contracts in balance. Tennessee does not anticipate restrictions, however if operational conditions change during the shut in test restrictions may become necessary.	FSAO	Potential storage service restrictions through Firm Storage Authorized Overrun (IS, FS-AO).	
*	10/05/10	10/05/10			Station 321	300	4	Replace gas filter elements.	This activity will require a Station outage. No service impact is anticipated, however, based upon customer nominations restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Loan, Park Withdrawal, IT-X, IT, AOT, PAT, Payback From Tennessee, EDS/ERS, SOP) nominations pathed through Station 321.	

Tennessee Gas Pipeline 2010 Pipeline Outage and Maintenance Summary

This is a summary of the current status of all TGP 2010 Pipeline Outages and Maintenance Projects. This document is subject to change as the season progresses to reflect the updated status of all outages and maintenance projects including, but not limited to, project delays, cancellations and additions. Additionally, anticipated impact and restrictions are subject to change.

*All scheduled dates represent gas days as defined in the Tennessee Gas Pipeline tariff to mean a period of twenty-four consecutive hours, beginning and ending at 9:00 a.m. (Central Clock Time).

Revised	Start Date	End Date	Prev. Start Date	Prev. End Date	Location	Leg	Zone	Maintenance Activity	Anticipated Impact	Potential Restriction Level	TOS Potential Restrictions	Meter(s) in impacted area
	11/01/10	11/08/10			Hebron/Ellisburg Storage Fields	300	4	Fall shut in test.	During the shut in test Tennessee will have limited operational flexibility to absorb imbalances, so customers should strive to keep all contracts in balance. Tennessee does not anticipate restrictions, however if operational conditions change during the shut in test restrictions may become necessary.	FSAO	Potential storage service restrictions through Firm Storage Authorized Overrun (IS, FS-AO).	
	08/16/10	08/27/10			Station 245	200	5	Replace unit suction and discharge valves.	This project will require a station outage 8/16-8/18 and unit outages 8/19-8/27, limiting the through put through the station. Based upon customer nominations, restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Loan, Park Withdrawal, IT-X, IT, AOT, PAT, Payback From Tennessee, EDS/ERS, SOP) nominations.	
	08/17/10	10/01/10			Station 233	200	5	Replace unit controls.	This project will be completed one unit at a time, and based upon customer nomination restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Loan, Park Withdrawal, IT-X, IT, AOT, PAT, Payback From Tennessee, EDS/ERS, SOP) nominations pathed through Station 233.	
*	08/21/10	Project Completed 8/21/10.			Station 241	200	5	ESD Test.	This activity will require Station 241 to be off line for approximately 8 hours, which will result in a loss of through put through the station. Based upon customer nominations restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Loan, Park Withdrawal, IT-X, IT, AOT, PAT, Payback From Tennessee, EDS/ERS, SOP) nominations pathed through Station 241.	
	08/30/10	09/17/10			Station 254	200	5	Replace MCC.	This outage will result in a building outage, however, no service impact is anticipated.	None		
	09/20/10	09/22/10			Station 254	200	5	Unit 2 B Borescope.	This project will require a unit outage, resulting in a loss of through put through the station. Based upon customer nominations restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Loan, Park Withdrawal, IT-X, IT, AOT, PAT, Payback From Tennessee, EDS/ERS, SOP) nominations pathed through Station 254.	
	09/21/10	10/20/10			Station 241 Unit 3A	200	5	Replace unit controls.	No service impact is anticipated.	None		
	09/27/10	09/30/10			Station 237	200	5	Replace Unit Valve operators.	This unit outage will result in a loss of through put through the station. Based upon customer nominations restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Loan, Park Withdrawal, IT-X, IT, AOT, PAT, Payback From Tennessee, EDS/ERS, SOP) nominations.	
*	09/27/10	09/30/10			Station 249	200	5	Replace gas filter elements.	This activity will require a Station outage. No service impact is anticipated, however, based upon customer nominations restrictions may become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Loan, Park Withdrawal, IT-X, IT, AOT, PAT, Payback From Tennessee, EDS/ERS, SOP) nominations pathed through Station 249.	
	10/07/10	10/07/10			Station 237	200	5	ESD Test.	This activity will require Station 237 to be off line for approximately 8 hours, which will result in a loss of through put through the station. Restrictions are not anticipated, however, based upon customer nominations, could become necessary.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Loan, Park Withdrawal, IT-X, IT, AOT, PAT, Payback From Tennessee, EDS/ERS, SOP) nominations.	
	10/11/10	10/17/10			Colden Storage Field	200	5	Fall shut in test.	During the shut in test Tennessee will have limited operational flexibility to absorb imbalances, so customers should strive to keep all contracts in balance. Tennessee does not anticipate restrictions, however if operational conditions change during the shut in test restrictions may become necessary.	FSAO	Potential storage service restrictions through Firm Storage Authorized Overrun (IS, FS-AO).	
	07/15/10	09/13/10			Station 325 Unit 1A	300	5	Horsepower replacement project.	Unit 1A will be unavailable for the duration of this project. Based upon customer nominations restrictions may become necessary from time to time.	SOP	Potential restrictions through Secondary Out of Path (Loan, Park Withdrawal, IT-X, IT, AOT, PAT, Payback From Tennessee, EDS/ERS, SOP, SOP) nominations pathed through Station 325.	
	08/25/10	08/28/10			Station 325	300	5	Horsepower replacement project station outage for tie in.	A station outage will be required for this tie in. Based upon customer nominations restrictions may be necessary.	SOP	Potential restrictions through Secondary Out of Path (Loan, Park Withdrawal, IT-X, IT, AOT, PAT, Payback From Tennessee, EDS/ERS, SOP, SOP) nominations pathed through Station 325.	

Tennessee Gas Pipeline 2010 Pipeline Outage and Maintenance Summary

This is a summary of the current status of all TGP 2010 Pipeline Outages and Maintenance Projects. This document is subject to change as the season progresses to reflect the updated status of all outages and maintenance projects including, but not limited to, project delays, cancellations and additions. Additionally, anticipated impact and restrictions are subject to change.

*All scheduled dates represent gas days as defined in the Tennessee Gas Pipeline tariff to mean a period of twenty-four consecutive hours, beginning and ending at 9:00 a.m. (Central Clock Time).

* Indicates revision

Revised	Start Date	End Date	Prev. Start Date	Prev. End Date	Location	Leg	Zone	Maintenance Activity	Anticipated Impact	Potential Restriction Level	TOS Potential Restrictions	Meter(s) in impacted area
	09/20/10	09/30/10			MLV 324-1B to MLV 325-1	300	5	Anomaly remediation (3 days during this time period).	This project will require a pressure reduction and could result in isolation of this valve section in the event that pipe replacement becomes necessary. In the event of a valve isolation, physical flow will be suspended at all meters in the affected area, and restrictions may become necessary.	MTR, SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Loan, Park Withdrawal, IT-X, IT, AOT, PAT, Payback From Tennessee, EDS/ERS, SOP) nominations pathed through this valve section.	Meters in the affected area: 020245 MILFORD PENNSYLVANIA BIG 012772 MILFORD PA: RIP 324A 101.1 (C) 020319 MILFORD PENNSYLVANIA
*	08/16/10	Project Completed 8/20/10			MLV 270B-102 to MLV 270B-101.1	200	6	Install pig receiver.	No service impact is anticipated.	None		
	08/30/10	09/04/10			020135 PAWTUCKET RHODE ISLAND Meter	200	6	Install low flow meter.	Physical flow will be suspended at meter 020135 PAWTUCKET RHODE ISLAND for the duration of this project.	MTR		020135 PAWTUCKET RHODE ISLAND
	09/01/10	09/06/10			MLV 270-1A to ML V 270C-101A (Beverly Salem Lateral)	200	6	Install pig receiver.	This line section will be out of service for the duration of this project. Physical flow will be suspended at meter 020532 WILMINGTON for the duration of the outage. Meters downstream of MLV 270C-101A must be physically supplied from meter 012513 Distragas for the duration of the outage.	MTR		Physical flow suspended for the duration of the outage: 020532 WILMINGTON MASSACHUSETTS The following meters must be physically sourced from meter 012513 DISTRIGAS RECEIPT for the duration of the outage: 020808 CAMP CURTIS 020136 READING MASSACHUSETTS 020848 WAKEFIELD SALES 020343 LYNN FIELD MASSACHUSETTS 020117 LYNN MASSACHUSETTS 012513 DISTRIGAS RECEIPT 020116 REVERE MASSACHUSETTS 020389 WEST PEABODY MASSACHUSETTS 020935 DANVERS 020138 WENHAM MASSACHUSETTS 020323 ESSEX MASSACHUSETTS 020119 GLOUCESTER MASSACHUSETTS 020658 PEABODY SALES 020118 BEVERLY SALEM MASSACHUSETTS
	09/14/10	09/15/10			Station 267	200	6	ESD Test.	No service impact is anticipated.	None		
	09/14/10	09/16/10			Line 270C-1100 (Saugus-Everett Lateral) (DOMAC)	200	6	Internal pipe inspections/ILI pig.	Flow control is required for this project, however no service impact is anticipated.	None		
	09/21/10	09/23/10			Line 268A-100 (Fitchburg Lateral)	200	6	Internal pipe inspections/ILI pig.	Flow control is required for this project, however no service impact is anticipated.	None		
*	09/29/10	10/15/10	To be determined		Station 266	200	6	Building and unit protection system replacements.	To be determined	TBD		
	To be determined				ESD Test - Station 261	200	6	ESD Test.	To be determined	TBD		
	03/09/11	03/10/11			Line 265E-100 (Rhode Island Lateral)	200	6	Internal pipe inspections/ILI pig.	To be determined	TBD		
*	08/09/10	Project Completed 8/21/10			MLV 532-1 to MLV 533-1	500	0L	Hydrostatic testing.	Based upon current and historical through put no service impact is anticipated, however, in the event of substantial increases in customer nominations through this line section, restrictions may be necessary from time to time.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations.	
	08/21/10	08/31/10			Station 523, Cocodrie, LA	500	0L	Replace 36" and 26" compressor station inlet valves.	Liquid handling ability will be limited during this project. No service impact is anticipated, but in the event that high levels of liquids are received during the project, flow may be reduced or shut in at Cocodrie, resulting in higher than normal operating pressures and possible suspension of flow at meters entering the Bluewater system.	SOP	Potential restrictions through Secondary Out of Path (Loan, Park Withdrawal, IT-X, IT, AOT, PAT, Payback From Tennessee, EDS/ERS, SOP) nominations at meters flowing into the Bluewater system.	
	08/23/10	09/03/10			MLV 532-2 to MLV 533-2	500	0L	Hydrostatic testing.	Based upon current and historical through put no service impact is anticipated, however, in the event of substantial increases in customer nominations through this line section, restrictions may be necessary from time to time.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations.	

Tennessee Gas Pipeline 2010 Pipeline Outage and Maintenance Summary

This is a summary of the current status of all TGP 2010 Pipeline Outages and Maintenance Projects. This document is subject to change as the season progresses to reflect the updated status of all outages and maintenance projects including, but not limited to, project delays, cancellations and additions. Additionally, anticipated impact and restrictions are subject to change.

*All scheduled dates represent gas days as defined in the Tennessee Gas Pipeline tariff to mean a period of twenty-four consecutive hours, beginning and ending at 9:00 a.m. (Central Clock Time).

Revised	Start Date	End Date	Prev. Start Date	Prev. End Date	Location	Leg	Zone	Maintenance Activity	Anticipated Impact	Potential Restriction Level	TOS Potential Restrictions	Meter(s) in impacted area
	08/26/10	08/31/10			Bluewater--West Leg (Pecan Island to Vermilion 245)	500	0L	Pigging operations.	Producers into the Bluewater system should expect fluctuations in pressure during these operations. In addition, Tennessee anticipates a reduction or possible suspension of flow at Cocodrie to facilitate handling large amounts of liquids at this facility following these pigging operations, however no service impact is anticipated.	None		
	08/27/10	08/27/10			Line 527A-1300	500	0L	Line abandonment.	In order to complete the abandonment of this line, Tennessee is required to suspend flow for one day at all meters upstream of South Pass 55 for installation of a blind flange.	MTR		Meters upstream of South Pass 55: 011294 SOUTH PASS BLOCK 77 A 020562 SOUTH PASS BLOCK 77A EMERGENCY START UP (CI) 011492 SOUTH PASS BLOCK 78 DEHYDRATION (CI) 011423 WEST DELTA BLOCK 109 DEHYDRATION 020574 SOUTH PASS BLOCK 55 FUEL (CI) 012194 SOUTH PASS 83A 012363 MISSISSIPPI CANYON 194 DEHYD (CI) 011723 SOUTH PASS BLOCK 49 DEHYDRATION (CI) 011936 SOUTH PASS BLOCK 75A 55 012812 LONGHORN MEDUSA SP 55A: RIP 527A 2001 021021 MEDUSA BUY BACK (CI)
	09/02/10	09/07/10			Bluewater--West Leg (Pecan Island to Vermilion 245)	500	0L	Pigging operations.	Producers into the Bluewater system should expect fluctuations in pressure during these operations. In addition, Tennessee anticipates a reduction or possible suspension of flow at Cocodrie to facilitate handling large amounts of liquids at this facility following these pigging operations, however no service impact is anticipated.	None		
	09/09/10	09/14/10			Bluewater--West Leg (Pecan Island to Vermilion 245)	500	0L	Pigging operations.	Producers into the Bluewater system should expect fluctuations in pressure during these operations. In addition, Tennessee anticipates a reduction or possible suspension of flow at Cocodrie to facilitate handling large amounts of liquids at this facility following these pigging operations, however no service impact is anticipated.	None		
*	09/13/10	09/13/10			Line 524G-100	500	0L	Pigging operations.	Higher than normal operating pressures should be expected, and Tennessee anticipates a reduction or possible suspension of flow to facilitate handling large amounts of liquids for up to 4 days following the pigging operation at meters producing into this line.	MTR		Meters which may be affected: 010668 GRAND ISLE BLOCK 47 DEHYDRATION 011105 GRAND ISLE BLOCK 48 J 012624 BAY MARCHAND BLK 5 012308 SOUTH TIMBALIER BLOCK 23
	09/16/10	09/21/10			Bluewater--West Leg (Pecan Island to Vermilion 245)	500	0L	Pigging operations.	Producers into the Bluewater system should expect fluctuations in pressure during these operations. In addition, Tennessee anticipates a reduction or possible suspension of flow at Cocodrie to facilitate handling large amounts of liquids at this facility following these pigging operations, however no service impact is anticipated.	None		
	09/23/10	09/28/10			Bluewater--West Leg (Pecan Island to Vermilion 245)	500	0L	Pigging operations.	Producers into the Bluewater system should expect fluctuations in pressure during these operations. In addition, Tennessee anticipates a reduction or possible suspension of flow at Cocodrie to facilitate handling large amounts of liquids at this facility following these pigging operations, however no service impact is anticipated.	None		

Tennessee Gas Pipeline 2010 Pipeline Outage and Maintenance Summary

This is a summary of the current status of all TGP 2010 Pipeline Outages and Maintenance Projects. This document is subject to change as the season progresses to reflect the updated status of all outages and maintenance projects including, but not limited to, project delays, cancellations and additions. Additionally, anticipated impact and restrictions are subject to change.

*All scheduled dates represent gas days as defined in the Tennessee Gas Pipeline tariff to mean a period of twenty-four consecutive hours, beginning and ending at 9:00 a.m. (Central Clock Time).

* Indicates revision

Revised	Start Date	End Date	Prev. Start Date	Prev. End Date	Location	Leg	Zone	Maintenance Activity	Anticipated Impact	Potential Restriction Level	TOS Potential Restrictions	Meter(s) in impacted area
	09/29/10	10/04/10			Bluewater System (Pecan Island to Cocodrie)	500	OL	Pigging operations.	Producers into the Bluewater system should expect fluctuations in pressure during these operations. In addition, Tennessee anticipates a reduction or possible suspension of flow at Cocodrie to facilitate handling large amounts of liquids at this facility following these pigging operations, however no service impact is anticipated.	None		
	09/30/10	10/05/10			Bluewater--West Leg (Pecan Island to Vermilion 245)	500	OL	Pigging operations.	Producers into the Bluewater system should expect fluctuations in pressure during these operations. In addition, Tennessee anticipates a reduction or possible suspension of flow at Cocodrie to facilitate handling large amounts of liquids at this facility following these pigging operations, however no service impact is anticipated.	None		
	10/01/10	10/31/10			Line 523F-100	500	OL	Line lowering.	Physical flow will be suspended at meter 012585 THOMAS CENAC 1 (CI) and 010641 LAPEYROUSE PLANT DEHYDRATION for the duration of the project.	MTR		012585 THOMAS CENAC 1 (CI) 010641 LAPEYROUSE PLANT DEHYDRATION
	10/25/10	11/19/10			Line 526A-200 (MLV 526A-202 to MLV 526A-203)	500	OL	MS River Levee West relocation	Physical flow will be suspended at all meters in the affected area for the duration of the project. No additional service impact is anticipated.	MTR		010428 MAIN PASS BLK 35 DEHYD HALTER ISLAND 020936 MAIN PASS 35 BUY BACK
*	11/15/10	12/17/10	9/16/2010	10/16/10	Line 529D-100	500	OL	Levee Relocation/pipe replacement	Physical flow will be suspended at all meters on the 529D-100 line for 14 days during this time period. No additional service impact is anticipated.	MTR		012701 BERLIOZ (CO) 011488 TOCA EXCHANGE (Bi 2 0556) (CI) 020556 TOCA EXCHANGE (Bi 1 1488) (AC)
	To be determined				Station 527	500	OL	ESD Test.	To be determined.	TBD		
	06/01/10	12/01/10			Station 820 Unit 2A	800	OL	Major overhaul.	No service impact is anticipated, however, in the event of increased nominations or an unexpected outage on the other unit at the station, restrictions could become necessary from time to time during this extended unit outage.	SIP	Restrictions may be necessary through a pro-rata portion of Secondary In the Path (Park & Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP, SIP) nominations pathed through Station 820.	
*	08/24/10	08/30/10	08/23/10	08/29/10	MLV 501-1 to MLV 507-1D	800	OL	Internal pipe inspections/chemical cleaning; gauge pig ; ILLI smart pig.	These operations will require operating at controlled flow rates. Customers may experience pressure fluctuations, however, no service impact is anticipated.	None		
	08/31/10	08/31/10			Station 823	800	OL	ESD Test.	This project will require Station 823 to be off line for approximately 8 hours, and may result in restrictions.	SOP	Potential restrictions through a pro-rata portion of Secondary Out of Path (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations pathed through Station 823.	
	09/02/10	09/02/10			Line 821E-100--SA 18 to Johnson Bayou	800	OL	Pigging operations.	Customers producing into the line upstream of the Johnson Bayou liquid separation facility should expect fluctuations in pressures and a possible suspension of flow to facilitate liquids handling following these pigging operations.	MTR		Meters upstream of Johnson Bayou: 011455 SABINE PASS 13 A 020701 SABINE PASS 13 A START & LIFT GAS (CI) 012606 HIGH ISLAND 85 (CI) 012673 HIGH ISLAND 74 (CI) 012696 HIGH ISLAND 73 012598 HIGH ISLAND 84A (CI) 011589 SABINE PASS BLOCK 10 40 012661 HIGH ISLAND 46 A (CI) 012630 HIGH ISLAND BLK 47 B (CI) 011902 HIGH ISLAND BLOCK 39 (CI) 012748 SABINE PASS 9: RIP SABINE PASS 8 (CI) 011456 SABINE PASS 18 (CI) 011893 HIGH ISLAND BLOCK 22 012743 HIGH ISLAND 24: RIP HIGH ISLAND 21 012605 HIGH ISLAND 34 012442 WEST CAMERON BLOCK 49 (CI) 012273 WEST CAMERON 53 012615 SABINE PASS 6 C PLATFORM (CI) 012584 WEST CAMERON BLK 18

Tennessee Gas Pipeline 2010 Pipeline Outage and Maintenance Summary

This is a summary of the current status of all TGP 2010 Pipeline Outages and Maintenance Projects. This document is subject to change as the season progresses to reflect the updated status of all outages and maintenance projects including, but not limited to, project delays, cancellations and additions. Additionally, anticipated impact and restrictions are subject to change.

*All scheduled dates represent gas days as defined in the Tennessee Gas Pipeline tariff to mean a period of twenty-four consecutive hours, beginning and ending at 9:00 a.m. (Central Clock Time).

* Indicates revision

Revised	Start Date	End Date	Prev. Start Date	Prev. End Date	Location	Leg	Zone	Maintenance Activity	Anticipated Impact	Potential Restriction Level	TOS Potential Restrictions	Meter(s) in impacted area
*	09/06/10	09/16/10	09/03/10		Vermilion 245	800	0L	Replace suction valve and operator.	During this project Tennessee will not be able to utilize compression at Vermilion 245, however no service impact is anticipated.	None		
	09/15/10	09/15/10			Station 823 to MLV 515	800	0L	Pigging operations.	Physical flow will be suspended at all meters as detailed.	MTR		Physical flow will be suspended for 24 hours at the following meters: 010907 CENTERVILLE DEHYDRATION TRANSPORT 020915 PORT IBERIA SALES DELIVERY 012398 JEFFERSON ISLAND (Bi 20825) 020825 JEFFERSON ISLAND (Bi 12398)