

Tennessee Gas Pipeline 2010 Pipeline Outage and Maintenance Summary

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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
*	Project Cancelled 3/15/2010	Project Cancelled 3/15/2010			Compressor Station 40	100	0	Unit 2C Unit Inspection	No service impact is anticipated.	None		
*	03/23/10	03/23/10		02/23/10	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.	
	03/25/10	04/01/10			MLV 32-3 to MLV 40-3	100	0	Chemical Cleaning.	Flow control is required and flow will be limited to 2000 mcf/day at meter 012392 BROOKELAND FIELD DEHYDRATION for the duration of this operation. No additional service impact is anticipated.	MTR		012392 BROOKELAND FIELD DEHYDRATION (CI)
	03/31/10	03/31/10			MLV 32-3 to MLV 40-3	100	0	Internal pipe inspection/Gauge pig.	These operations will require operating at controlled flow rates and flow will be limited to 2000 mcf/day at meter 012392 BROOKELAND FIELD DEHYDRATION for the duration of the project. Customers may experience pressure fluctuations, however no service impact is anticipated.	MTR		012392 BROOKELAND FIELD DEHYDRATION (CI)
	04/06/10	04/08/10			409A-100 (Donna) Line	100	0	Internal Pipe Inspection/Cleaning pig (4/6); Gauge pig (4/7); ILI pig (4/8).	These operations will require operating at controlled flow rates, which may result in periodic suspension or reduction of flow at meters flowing into or out of this line. Receipt meters will be limited to 3000 mcf/day flow during pigging operations and flow will be suspended at delivery meters until the tool passes, at which time flow may resume. No additional service impact is anticipated.	MTR		010065 Donna Dehydration 010551 North Weslaco Dehydration 011096 Cody Energy San Salvador 011756 Esperanza Los Torritos Dehyd. 012220 Tex Ind. Exp. San Salvador 012306 Los Torritos Dehydration 1 012373 Donna Field Dehydration 012376 Los Torritos Dehyd Gas Unit 1 012457 Donna 3 012575 King Mar #1 012576 Hesco Gas Gathering 012659 Cimmaron 012663 Metano 020904 Duke Energy 021017 Rio Bravo 021067 CALPINE: DIP 409A 101 5.6 050261 Pemex Delivery South 050262 Pemex Receipt North
	04/13/10	04/15/10			Line 409A-1200 (Donna #2 Line)	100	0	Internal Pipe Inspection/Cleaning pig (4/13); Gauge pig (4/14); ILI pig (4/15).	These operations will require operating at controlled flow rates. Customers may experience pressure fluctuations, however no service impact is anticipated.	None		
*	04/27/10	04/28/10			Station 409 to Station 1	100	0	Pigging operations: Line 1 (4/27); Line 2 (4/28).	Customers producing into this line should expect pressure fluctuations during these pigging operations, however, no service impact is anticipated.	None		

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*	04/30/10	06/14/10			MLV 1-1 4-4 to MLV 4-1 5-4	100	0	Hydrostatic testing.	Physical flow will be suspended at meters as detailed. No additional service impact is anticipated.	MTR		Physical Flow will be suspended for the duration of the project at: 012425 Riverside Deyhd (AC) 011596 NORTH ODEM DEHYDRATION (CI) 012232 LOVETT 1 GAS UNIT (CI) 012693 MORGAN (AC) 012664 WHATLEY CI Physical Flow will be suspended for 2 to 3 hours at the beginning and 2 to 3 hours at the end of the project at meters: 011289 RIVERSIDE DEHYDRATION (AC) 011265 RIVERSIDE DEHYDRATION (AC) 012124 RIVERSIDE WILSON 1 (AC) 012521 EAST RIVERSIDE (AC) 011364 EAST RIVERSIDE DEHYDRATION (CI)
	05/13/10	05/13/10			MLV 32-3 to MLV 40-3	100	0	Internal pipe inspection/ ILLI MFL Combo Tool run.	These operations will require operating at controlled flow rates and flow will be limited to 2000 mcf/day at meter 012392 BROOKELAND FIELD DEHYDRATION for the duration of the project. Customers may experience pressure fluctuations, however no service impact is anticipated.	MTR		012392 BROOKELAND FIELD DEHYDRATION (CI)
	03/23/10	03/26/10			MLV 71-1 to MLV 77-1	100	1	Internal pipe inspections/ Caliper pig (3/23-3/24); ILLI pig (3/25-3/26).	Customers may experience pressure fluctuations during these pigging operations, however no service impact is anticipated.	None		
	04/12/10	04/19/10			MLV 40-1 to MLV 47-1	100	1	Chemical Cleaning.	These operations will require operating at controlled flow rates. Flow will be limited to 2000 mcf/day at meter 012809 CLEAR LAKE NO. 1: RIP 41A 101.1 for the duration of this operation. Customers may experience pressure fluctuations, and no service impact is anticipated, however, based upon customer nominations restrictions may become necessary.	MTR, 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 40.	012809 CLEAR LAKE NO. 1: RIP 41A 101.1
	04/20/10	04/20/10			MLV 71-1D to MLV 77-1A	100	1	Internal pipe inspections/Caliper and ILLI pig runs.	These operations will require operating at controlled flow rates. Customers may experience pressure fluctuations, however no service impact is anticipated.	None		
	04/20/10	04/26/10			Bear Creek Storage Field	100	1	Spring 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).	
	04/24/10	05/01/10			MLV 40-2 to MLV 47-2	100	1	Chemical Cleaning.	These operations will require operating at controlled flow rates. Customers may experience pressure fluctuations, and 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 (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations pathed through Station 40.	
	05/18/10	05/20/10			MLV 40-1 to MLV 47-1	100	1	Internal pipe inspection/Caliper Tool (5/18); Smart Scan Tool (5/20).	These operations will require operating at controlled flow rates. Flow will be limited to 2000 mcf/day at meter 012809 CLEAR LAKE NO. 1: RIP 41A 101.1 for the duration of this operation. Customers may experience pressure fluctuations, and no service impact is anticipated, however, based upon customer nominations restrictions may become necessary.	MTR, 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 40.	012809 CLEAR LAKE NO. 1: RIP 41A 101.1

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	05/25/10	05/27/10			MLV 40-2 to MLV 47-2	100	1	Internal pipe inspection/Caliper Tool (5/25); Smart Scan Tool (5/27).	These operations will require operating at controlled flow rates. Customers may experience pressure fluctuations, and 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 (Park, Loan Payback, IT-X, IT, AOT, PAT, Payback to Tennessee, EDS/ERS, SOP) nominations pathed through Station 40.	
	03/26/10	04/06/10			MLV 555-1 to MLV 559-1	500	1	Internal pipe inspections/ Caliper pig (3/26); ILI pig (4/6).	Customers may experience pressure fluctuations during these pigging operations, however no service impact is anticipated.	None		
	03/30/10	03/30/10			MLV 552-3 to MLV 555-3	500	1	Internal pipe inspections/ILI pig.	Customers may experience pressure fluctuations during these pigging operations, however no service impact is anticipated.	None		
	03/30/10	04/16/10			MLV 550-1 to MLV 555-1	500	1	Internal pipe inspections/ Caliper pig (3/30-3/31); ILI pig (4/15-4/16).	Customers may experience pressure fluctuations during these pigging operations, however no service impact is anticipated.	None		
	04/06/10	04/06/10			MLV 555-1 to MLV 559-1	500	1	Internal pipe inspections/ILI pig run.	These operations will require operating at controlled flow rates. Customers may experience pressure fluctuations, however no service impact is anticipated.	None		
	04/08/10	04/08/10			MLV 550-1 to MLV 555-1	500	1	Internal pipe inspections/ILI pig run.	These operations will require operating at controlled flow rates. Customers may experience pressure fluctuations, however no service impact is anticipated.	None		
	04/13/10	04/13/10			ILI pig run MLV 550-2 to 555-2	500	1	Internal pipe inspections/ILI pig run.	These operations will require operating at controlled flow rates. Customers may experience pressure fluctuations, however no service impact is anticipated.	None		
	03/16/10	03/17/10			MLV 867-2 to MLV 871-2	100	2	Internal pipe inspection/ILI MFL Tool Pig.	These operations will require operating at controlled flow rates which will reduce the flow from Station 87 into the Portland Winchester line. Customers may experience pressure fluctuations, and 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 87.	
	04/01/10	05/01/10			MLV 106-4 to MLV 111-4	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		
	04/05/10	04/30/10			MLV 97-5 to MLV 98-5	100	2	Hydrostatic testing.	No service impact is anticipated.	None		
*	04/15/10	06/30/10			MLV 876-1 to MLV 200-3	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		
	03/10/10	03/10/10			MLV 200-4 to MLV 200-4A	200	3	Internal pipe inspections/Caliper and ILI Pigging operations.	Customers may experience pressure fluctuations during these pigging operations, however no service impact is anticipated.	None		
	03/15/10	03/22/10			Harrison Storage Field	300	4	Spring 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).	

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	04/05/10	04/12/10			Hebron/Ellisburg Storage Field	300	4	Spring 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).	
*	04/12/10	04/19/10			Colden Storage Field	200	5	Spring 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).	
*	Project Cancelled 3/4/2010	Project Cancelled 3/9/2010			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		
	03/11/10	03/16/10			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		
	03/18/10	03/23/10			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		
	03/25/10	03/31/10			Bluewater System (Pecan Island to Cocodrie.	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		
	04/01/10	04/06/10			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		
	04/05/10	04/16/10			Compressor Station 527	500	0L	Station yard corrosion inspections.	No service impact is anticipated.	None		

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	04/08/10	04/13/10			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		
	04/15/10	04/20/10			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		
	04/22/10	04/27/10			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		
	04/29/10	05/04/10			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		
	06/14/10	07/16/10			Line 526A-200 (MLV 526A-202 to MLV 526A-203)	500	0L	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
*	03/09/10	03/24/10		03/10/10	Line 507A-100	800	0L	Quarterly pigging operations.	Customers producing into this line should expect pressure fluctuations during these pigging operations, however, no service impact is anticipated.			
	04/01/10	04/10/10			Vermilion 245	800	0L	Valve and operator replacements.	During these projects Tennessee will not be able to utilize compression at Vermilion 245, however no service impact is anticipated.	None		
*	04/06/10	04/21/10			Station 820	800	0L	Fuel valve unit control upgrade/replacement.	No service impact is anticipated, however, in the event of increased nominations or an unexpected outage of the other unit at the station, restrictions could become necessary.	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.	
*	04/27/10	10/29/10			Station 820 Unit 2A	800	0L	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.	

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	04/14/10	04/14/10			347A-200 Wallingford 12"Lateral	300		ILI Pig Run.	These operations will require operating at controlled flow rates. Customers may experience pressure fluctuations, however no service impact is anticipated.	None		