

Associated Natural Gas Company
Gas Cost Allocations
August 1999 Actual

Description	Formula Set	Alloc. Factor	Kirkville-F \$	Kirkville-T \$	Butler-F \$	Butler-T \$
American Central Energy - Demand	NGPL-D	Current				
American Central Energy - Commodity	NGPL-C	Current				
NGPL FTS #110787 Reservation	NGPL-D	Current				
NGPL FTS #110787 Comm. to Cent. Pl.	NGPL-C	Current				
NGPL FTS #110787 Comm. Stor. to Cent. Pl.	NGPL-C	Current				
NGPL FTS #110787 Capacity Release Credit	NGPL-D	Current				
NGPL FTS #110759 Reservation	NGPL-D	Current				
NGPL FTS #110759 Comm. to Cent. Pl.	NGPL-C	Current				
NGPL FTS #110759 Comm. Stor. to Cent. Pl.	NGPL-C	Current				
NGPL FTS #110759 Capacity Release Credit	NGPL-D	Current				
NGPL FTS #100072 Comm. to NGPL Cent. Pl.	NGPL-C	Current				
NGPL FTS #100072 Comm. to Storage	NGPL-D	Current				
NGPL FTS #100072 Reservation	NGPL-D	Current				
NGPL FTS #100072 Capacity Release Credit	NGPL-D	Current				
NGPL DSS #110646 Reservation	NGPL-D	Current				
NGPL DSS #110646 Injection	NGPL-C	Current				
NGPL DSS #110646 Withdrawal	NGPL-C	Current				
NGPL DSS #110646 AOR Charge	NGPL-C	Current				
NGPL NSS #110507 Reservation	NGPL-D	Current				
NGPL NSS #110507 Injection	NGPL-C	Current				
NGPL NSS #110507 Withdrawal	NGPL-C	Current				
NGPL Cashout	NGPL-D	Current				
NGPL Great Lakes Surcharge	NGPL-D	Current				
NGPL GSR	NGPL-TA	Exp. Annual Cdr				
NGPL POA Overrun	NGPL-C	Current				
NGPL POA Balancing	NGPL-C	Current				
SEECO - Ozark/NGPL - System Supply	NGPL-C	Current				
SEECO - Reservation	NGPL-D	Current				
SEECO - Price Cap Fee	NGPL-C	Price Cap				
Ozark Demand NGPL	NGPL-D	Current				
Ozark Commodity NGPL	NGPL-D	Current				
AWG - Ozark/NGPL Trans. Gain - D-1	NGPL-D	Current				
AWG - Ozark/NGPL Trans. Gain - D-2	NGPL-D	Current				
AWG Gathering & Transmission	NGPL-D	Current				
MRTEM - MRTEM Reserv.	MRTEM-D	Current				
MRTEM - MRTEM Comm.	MRTEM-C	Current				
MRTEM - MRT SCT Commodity (#450 C)	MRTEM-C	Current				
MRTEM - FSS Deliverability	MRTEM-D	Current				
MRTEM - FSS Capacity	MRTEM-D	Current				
MRTEM - FSS Injections	MRTEM-C	Current				
MRTEM - FSS Withdrawals	MRTEM-C	Current				
MRTEM - MRT FTS Reservation (#1024 F)	MRTEM-D	Current				
MRTEM - MRT FTS Commodity (#1024 F)	MRTEM-C	Current				
MRTEM - MRT FTS Reservation (#973 F)	MRTEM-D	Current				
MRTEM - MRT FTS Reservation (#973 F)	MRTEM-C	Current				
MRTEM - Credit per Article II or RP98-159	MRTEM-D	Current				
MRTEM - MRT FTS Commodity (#973 F)	MRTEM-C	Current				
MRTEM - NORAM Gas Tran. FT Commodity	MRTEM-D	Current				
MRTEM - Turnline FTS Demand	MRTEM-D	Current				
MRTEM - Storage Property Tax	MRTEM-C	Current				
MRTEM - MRTEM Agency Fee	MRTEM-C	Current				
MRTEM - MRTEM Revenue Credit	MRTEM-C	Current				
MRTEM - Account 191 Costs	MRTEM-TA	Exp. Annual Cdr				
MRTEM - Cash Out	MRTEM-C	Current				

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Description	Formula Set	Alloc. Factor	Kirkville-F \$	Kirkville-T \$	Butler-F \$	Butler-T \$
Aquila - Commodity	KIRK-C	Current	24,943.01	55,570.26		
Amoco - Reservation	KIRK-D	Current	0.00	0.00		
Aquila Energy - Reservation	KIRK-D	Current	5,465.93	501.87		
Amoco - Price Cap	KIRK-C	Current	0.00	0.00		
ANR NNS Reservation	KIRK-D	Current	8,596.56	788.44		
ANR NNS Commodity	KIRK-C	Current	26.86	80.07		
ANR GF-1 Reservation (Cont. # 50001)	KIRK-D	Current	0.00	0.00		
ANR GF-1 Commodity (Cont. #50001)	KIRK-C	Current	0.00	0.00		
ANR GF-1 Reservation (Cont. #69450)	KIRK-D	Current	0.00	0.00		
ANR GF-1 Commodity (Cont. #69450)	KIRK-C	Current	0.00	0.00		
ANR ETS Reservation (Cont. #00001)	KIRK-D	Current	30,519.39	2,802.36		
ANR ETS Commodity (Cont. #00001)	KIRK-C	Current	230.32	513.12		
ANR ETS Reservation (Cont. #00050)	KIRK-D	Current	6,722.85	617.31		
ANR ETS Commodity (Cont. #00050)	KIRK-C	Current	13.41	28.89		
ANR ETS Comm. to Stor. (Cont. #00050)	KIRK-C	Current	0.00	0.00		
ANR ETS Comm. to Stor. (Cont. #00050)	KIRK-D	Current	8,758.16	804.19		
ANR FSS Deliverability Reserv (30000)	KIRK-D	Current	5,958.11	547.09		
ANR FSS Capacity Reservatn (30000)	KIRK-C	Current	3,217.59	7,168.43		
ANR FSS Storage - Withdrawal (30000)	KIRK-D	Current	0.00	0.00		
ANR FSS Storage - Injection (30000)	KIRK-C	Current	9,172.92	842.28		
ANR FSS Deliverability Reserv (32250)	KIRK-D	Current	5,880.08	539.82		
ANR FSS Capacity Reservatn (32250)	KIRK-C	Current	0.00	0.00		
ANR FSS Storage - Withdrawal (32250)	KIRK-D	Current	0.00	0.00		
ANR FSS Storage - Injection (32250)	KIRK-C	Current	8,508.01	781.23		
ANR FTS-1 Reservation	KIRK-D	Current	0.00	0.00		
ANR FTS-1 Commodity	KIRK-C	Current	0.00	0.00		
ANR Cashout	KIRK-C	Current	0.00	0.00		
ANR Account 191 Costs	KIRK-TA	Exp. Annual Cdr				
ANR Account 858 Costs	KIRK-TA	Exp. Annual Cdr				
ANR Take-or-Pay	KIRK-NA	Current				
Aquila Energy - Reservation	BTLR-D	Current				
Aquila Energy - Commodity	BTLR-C	Current				
Aquila Energy - Price Cap Fee	BTLR-C	Price Cap				
PHE SCT - Transportation	BTLR-D	Current				
PHE IOS - Deliverability	BTLR-D	Current				
PHE IOS - Capacity	BTLR-D	Current				
PHE IOS - Injection	BTLR-C	Current				
PHE IOS - Withdrawal Cost	BTLR-C	Current				
PHE IOS - Withdrawal	BTLR-C	Current				
PHE Direct Billing	BTLR-TS	Current				
PHE Take-or-Pay	BTLR-NA	Current				
Total			118,003.00	71,568.46	37,342.76	15,167.41
Total Excluding AWG Gath. & Trans.			118,003.00	71,568.46	37,342.76	15,167.41
Summary:						
Interconnected			0.00	0.00	0.00	0.00
NGPL			0.00	0.00	0.00	0.00
MRT			0.00	0.00	0.00	0.00
Kirkville			118,003.00	71,568.46	0.00	0.00
Butler			0.00	0.00	37,342.76	15,167.41
Total			118,003.00	71,568.46	37,342.76	15,167.41
Total Excluding AWG Gath. & Trans.			118,003.00	71,568.46	37,342.76	15,167.41

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Description	Formula Set	Alloc. Factor	Del. MMtBu	Trans. MMtBu	Sales MMtBu	Del. Mcf	Trans. Mcf	Sales Mcf
TETC SS-1 400184 Injection	TETC-C	Current						
TETC SS-1 400184 Withdrawal	TETC-C	Current	0		0			0
TETC SS-1 400184 Withdrawal Cost	TETC-C	Current						
TETC SS-1 400184 Reservation	TETC-D	Current						
TETC SS-1 400184 Res. - St. Sct. Cr.	TETC-D	Current						
TETC SS-1 400184 Space	TETC-D	Current						
TETC CDS Comm. - Seeco/Ozark - M1	TETC-C	Current						
TETC CDS Comm. - Aquila	TETC-C	Current						
TETC CDS Reservation	TETC-D	Current						
TETC CDS Capacity Release Credit	TETC-D	Current						
TETC Cashout	TETC-C	Current	0		0			0
TETC Upstream Transition Costs	TETC-TT	Exp. Annual Cdr						
Interconn. Aquila Energy - Demand	TETC-D	Current						
Interconn. Aquila Energy - Transport Cap. Rel.	TETC-D	Current						
Interconn. Aquila Energy - Transport Commodity	TETC-C	Current						
Interconn. Aquila Energy - Transport Demand	TETC-C	Current	2,204		2,204	2,152		2,152
Interconn. Aquila Energy - Commodity	TETC-D	Current						
PG & E - Demand	TETC-D	Current	0		0	0		0
PG & E - Commodity	TETC-C	Current	12,000		12,000	11,717		11,717
SEECO => Ozark => TETC	TETC-C	Current						
Ozark Demand TETCO	TETC-D	Current						
Ozark Commodity TETCO	TETC-C	Current						
AWG - Ozark/TETC Trans. Gain - D-1	TETC-D	Current						
AWG - Ozark/TETC Trans. Gain - D-2	TETC-D	Current	7,060		7,060	6,908		6,908
SEECO => Ozark @ Piggott	PIGG-C	Price Cap						
SEECO => Ozark @ Piggott Price Cap Fee	PIGG-C	Current						
Ozark Demand ANG @ Piggott	PIGG-D	Current						
Ozark Comm. ANG @ Piggott	PIGG-C	Current						
AWG - Ozark/Piggott Trans. Gain - D-1	PIGG-D	Current						
AWG - Ozark/Piggott Trans. Gain - D-2	PIGG-D	Current						
Interconn. Aquila Energy - Demand - Reliant	COLE-D	Current	279		279	274		274
Interconn. Aquila Energy - Commodity - Reliant	COLE-C	Current						
Reliant Energy Gas Transmission - FT Reserv.	COLE-D	Current						
Reliant Energy Gas Transmission - FT Comm. 1002228	COLE-C	Current						
NorAm Gas Trans. - FT Reserv. 1001809	COLE-D	Current						
NorAm Gas Trans. - FT Comm. 1001809	COLE-C	Current						
SEECO/Ozark/AWPL - System Supply	AWP-C	Current	120,679		120,679	117,508		117,508
SEECO - Price Cap Fee	AWP-D	Price Cap						
Interconn. Aquila Energy/Ozark - Sys. Supply	AWP-C	Current	0		0	0		0
Interconn. Aquila Energy/Ozark Demand	AWP-D	Current						
Ozark Demand AWP	AWP-D	Current						
Ozark Comm. AWP	AWP-C	Current						
Ozark Comm. - IT - System Supply	AWP-C	Current						
AWG - Ozark/AWP Trans. Gain - D-1	AWP-D	Current						
AWG - Ozark/AWP Trans. Gain - D-2	AWP-D	Current						
AW Pipeline FT Demand	AWP-D	Current						
AW Pipeline FT Commodity	AWP-C	Current						
AW Pipeline IT Commodity	AWP-C	Current						
LNG Storage Injection (volumes only)	LNG-C	Current	0		0	0		0
LNG Storage Withdrawal	LNG-C	Current	5,497		5,497	5,497		5,497
AWG Gathering & Transmission - Ar.	AWGIC-C	Current						
AWG Gathering & Transmission - Mo.	AWGIC-C	Current						

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Description	Formula Set	Alloc. Factor	Del. MM/Btu	Trans. MM/Btu	Sales MM/Btu	Out. Mcd	Trans. Mcd	Sales Mcd
American Central Energy - Demand	NGPL-D	Current	30,500	0	30,500	29,435		29,435
American Central Energy - Commodity	NGPL-C	Current						
NGPL FTS #110787 Reservation	NGPL-D	Current						
NGPL FTS #110787 Comm. to Cent. Pl.	NGPL-C	Current						
NGPL FTS #110787 Comm. to Storage	NGPL-C	Current						
NGPL FTS #110787 Comm. Stor. to Cent. Pl.	NGPL-D	Current						
NGPL FTS #110787 Capacity Release Credit	NGPL-D	Current						
NGPL FTS #110789 Reservation	NGPL-D	Current						
NGPL FTS #110789 Comm. to Cent. Pl.	NGPL-C	Current						
NGPL FTS #110789 Comm. to Storage	NGPL-C	Current						
NGPL FTS #110789 Comm. Stor. to Cent. Pl.	NGPL-D	Current						
NGPL FTS #110789 Capacity Release Credit	NGPL-D	Current						
NGPL FTS #100072 Comm. to NGPL Cent. Pl.	NGPL-C	Current						
NGPL FTS #100072 Comm. to Storage	NGPL-C	Current						
NGPL FTS #100072 Reservation	NGPL-D	Current						
NGPL FTS #100072 Capacity Release Credit	NGPL-D	Current						
NGPL DSS #110646 Reservation	NGPL-D	Current						
NGPL DSS #110646 Injection	NGPL-C	Current	0		0			0
NGPL DSS #110648 Withdrawal	NGPL-C	Current						
NGPL DSS #110648 AOR Charge	NGPL-C	Current						
NGPL NSS #110507 Reservation	NGPL-D	Current						
NGPL NSS #110507 Injection	NGPL-C	Current	0		0			0
NGPL NSS #110507 Withdrawal	NGPL-C	Current						0
NGPL Cashout	NGPL-C	Current						
NGPL Great Lakes Surcharge	NGPL-D	Current						
NGPL GSR	NGPL-TA	Exp. Annual Cdt	(164)		(164)	(158)		(158)
NGPL POA Overrun	NGPL-C	Current						
NGPL POA Balancing	NGPL-C	Current						
SEECO - Ozark/NGPL - System Supply	NGPL-C	Current						
SEECO - Price Cap Fee	NGPL-D	Price Cap	0		0			
Ozark Demand NGPL	NGPL-D	Current						
Ozark Commodity NGPL	NGPL-D	Current						
AWG - Ozark/NGPL Trans. Gain - D-1	NGPL-D	Current						
AWG - Ozark/NGPL Trans. Gain - D-2	NGPL-D	Current						
AWG Gathering & Transmission	NGPL-D	Current						
MRTEM - MRT SCT Commodity (#450 C)	NGPL-G&T	Current						
MRTEM - MRTEM Reserv.	MRTC-D	Current	8,621		8,621	8,458		8,458
MRTEM - MRT SCT Commodity (#450 C)	MRTC-C	Current						
MRTEM - FSS Deliverability	MRTC-D	Current						
MRTEM - FSS Capacity	MRTC-C	Current						
MRTEM - FSS Injections	MRTC-C	Current						
MRTEM - FSS Withdrawals	MRTC-C	Current						
MRTEM - MRT FTS Reservation (#1024 F)	MRTC-D	Current						
MRTEM - MRT FTS Commodity (#1024 F)	MRTC-C	Current						
MRTEM - MRT FTS Reservation (#973 F)	MRTC-D	Current						
MRTEM - Credit per Article II of RP98-199	MRTC-D	Current						
MRTEM - MRT FTS Commodity (#973 F)	MRTC-C	Current						
MRTEM - NORAM Gas Tran. FT Demand	MRTC-D	Current						
MRTEM - NORAM Gas Tran. FT Commodity	MRTC-C	Current						
MRTEM - Trunkline FTS Demand	MRTC-D	Current						
MRTEM - Storage Property Tax	MRTC-C	Current						
MRTEM - MRTEM Agency Fee	MRTC-C	Current						
MRTEM - MRT IT Revenue Credit	MRTC-TA	Exp. Annual Cdt						
MRTEM - Account 191 Costs	MRTC-C	Current						
MRTEM - Cash Out	MRTC-C	Current						

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Description	Formula Set	Alloc. Factor	Del. MMBo	Trans. MMBo	Sales MMBo	Del. Mcf	Trans. Mcf	Sales Mcf
Aquila - Commodity	KIRK-C	Current	30,721	0	30,721	30,368	0	30,368
Amoco - Reservation	KIRK-D	Current						
Aquila Energy - Reservation	KIRK-D	Current						
Amoco - Price Cap	KIRK-C	Current						
ANR NNS Reservation	KIRK-D	Current						
ANR NNS Commodity	KIRK-C	Current						
ANR GF-1 Reservation (Cont. # 50001)	KIRK-D	Current						
ANR GF-1 Commodity (Cont. #50001)	KIRK-C	Current						
ANR GF-1 Reservation (Cont. #68450)	KIRK-D	Current						
ANR GF-1 Commodity (Cont. #68450)	KIRK-C	Current						
ANR ETS Reservation (Cont. #00001)	KIRK-D	Current						
ANR ETS Commodity (Cont. #00001)	KIRK-C	Current						
ANR ETS Reservation (Cont. #00050)	KIRK-D	Current						
ANR ETS Commodity (Cont. #00050)	KIRK-C	Current						
ANR ETS Comm. From Stor. (Cont. #00050)	KIRK-C	Current						
ANR ETS Comm. to Stor. (Cont. #00050)	KIRK-C	Current						
ANR FSS Delivery Reserv (30000)	KIRK-D	Current	4,558		4,558	4,508		4,508
ANR FSS Capacity Reserv (30000)	KIRK-D	Current						
ANR FSS Storage - Withdrawal (30000)	KIRK-C	Current						
ANR FSS Storage - Injection (30000)	KIRK-D	Current						
ANR FSS Delivery Reserv (32250)	KIRK-D	Current	0		0	0		0
ANR FSS Capacity Reserv (32250)	KIRK-C	Current						
ANR FSS Storage - Withdrawal (32250)	KIRK-D	Current						
ANR FSS Storage - Injection (32250)	KIRK-C	Current						
ANR FTS-1 Reservation	KIRK-C	Current						
ANR FTS-1 Commodity	KIRK-C	Current						
ANR Cashout	KIRK-TS	Current						
ANR Account 191 Costs	KIRK-TS	Exp. Annual Cof						
ANR Account 858 Costs	KIRK-TA	Exp. Annual Cof						
ANR Take-or-Pay	KIRK-NA	Current						
Aquila Energy - Reservation	BTLR-D	Current	10,900	0	10,900	10,886	0	10,886
Aquila Energy - Commodity	BTLR-C	Current						
Aquila Energy - Price Cap Fee	BTLR-C	Price Cap						
PHE SCT - Transportation	BTLR-C	Current						
PHE IOS - Deliverability	BTLR-D	Current						
PHE IOS - Capacity	BTLR-D	Current						
PHE IOS - Injection	BTLR-C	Current						
PHE IOS - Withdrawal Cost	BTLR-C	Current	449		449	439		439
PHE IOS - Withdrawal	BTLR-C	Current			0			0
PHE Dired Billing	BTLR-TS	Exp. Annual Cof						
PHE Take-or-Pay	BTLR-NA	Current						
Total			231,304	0	231,304	225,771	0	225,771
Total Excluding AVG Gath. & Trans.			231,304	0	231,304	225,771	0	225,771
Summary:								
Interconnected			147,719	0	147,719	144,058	0	144,058
NGPL			30,336	0	30,336	29,277	0	29,277
MRT			6,621	0	6,621	6,458	0	6,458
Kirkville			35,279	0	35,279	34,875	0	34,875
Butler			11,349	0	11,349	11,105	0	11,105
Total			231,304	0	231,304	225,771	0	225,771
Total Excluding AVG Gath. & Trans.			231,304	0	231,304	225,771	0	225,771

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Description	Formula Sel	Alloc Factor	AR-Piggett Mcf	AR-Other Mcf	AR-Total Mcf	SEMO-No. Mcf	SEMO-Sq. Mcf	SEMO-Tot. Mcf
TETC SS-1 400184 Injection	TETC-C	Current	0	0	0	0	0	0
TETC SS-1 400184 Withdrawal	TETC-C	Current	0	0	0	0	0	0
TETC SS-1 400184 Withdrawal Cost	TETC-C	Current	0	0	0	0	0	0
TETC SS-1 400184 Reservation	TETC-D	Current						
TETC SS-1 400184 Res. - St. Strch. Cr.	TETC-D	Current						
TETC SS-1 400184 Space	TETC-D	Current	0	0	0	0	0	0
TETC CDS Comm. - Seeco/Ozark - M1	TETC-C	Current	0	0	0	0	0	0
TETC CDS Comm. - Aquila	TETC-C	Current	0	0	0	0	0	0
TETC CDS Reservation	TETC-D	Current	0	0	0	0	0	0
TETC CDS Capacity Release Credit	TETC-D	Current	0	0	0	0	0	0
TETC Cashout	TETC-TT	Exp. Annual Cof	0	0	0	0	0	0
TETC Upstream Transition Costs	TETC-D	Current						
Interconn. Aquila Energy - Demand	TETC-D	Current	0	0	0	0	0	0
Interconn. Aquila Energy - Transport Cap. Rel.	TETC-C	Current	0	0	0	0	0	0
Interconn. Aquila Energy - Transport Commodity	TETC-D	Current	0	0	0	0	0	0
Interconn. Aquila Energy - Transport Demand	TETC-C	Current	0	0	0	0	0	0
Interconn. Aquila Energy - Commodity	TETC-D	Current	0	0	0	0	0	0
PG & E - Demand	TETC-C	Current	0	0	0	0	0	0
PG & E - Commodity	TETC-C	Current	0	0	0	0	0	0
SEECO => Ozark => TETC	TETC-C	Current	0	0	0	0	0	0
Ozark Demand TETCO	TETC-C	Current	0	0	0	0	0	0
Ozark Commodity TETCO	TETC-D	Current	0	0	0	0	0	0
AWG - Ozark/TETC Trans. Gain - D-1	TETC-D	Current	0	0	0	0	0	0
AWG - Ozark/TETC Trans. Gain - D-2	TETC-D	Current	0	0	0	0	0	0
SEECO => Ozark @ Piggett	PIGG-C	Price Cap	6,908	0	6,908	0	0	0
SEECO => Ozark @ Piggett Price Cap Fee	PIGG-C	Current	0	0	0	0	0	0
Ozark Demand ANG @ Piggett	PIGG-D	Current	0	0	0	0	0	0
Ozark Comm. ANG @ Piggett	PIGG-D	Current	0	0	0	0	0	0
AWG - Ozark/Piggett Trans. Gain - D-1	PIGG-D	Current	0	0	0	0	0	0
AWG - Ozark/Piggett Trans. Gain - D-2	PIGG-D	Current	0	0	0	0	0	0
Interconn. Aquila Energy - Demand - Reliant	COLE-D	Current	0	103	103	104	67	171
Interconn. Aquila Energy - Commodity - Reliant	COLE-C	Current	0	0	0	0	0	0
Reliant Energy Gas Transmission - FT Reserv. 1002228	COLE-D	Current	0	0	0	0	0	0
Reliant Energy Gas Transmission - FT Reserv. 1002228	COLE-C	Current	0	0	0	0	0	0
NorAm Gas Trans. - FT Reserv. 1001809	COLE-D	Current	0	0	0	0	0	0
NorAm Gas Trans. - FT Reserv. 1001809	COLE-C	Current	0	0	0	0	0	0
SEECO/Ozark/AWPL - System Supply	AWP-C	Current	0	0	0	0	0	0
SEECO - Price Cap Fee	AWP-D	Price Cap	0	0	0	0	0	0
SEECO - Reservation Charge	AWP-C	Current	0	0	0	0	0	0
Interconn. Aquila Energy/Ozark - Sys. Supply	AWP-D	Current	0	0	0	0	0	0
Interconn. Aquila Energy/Ozark Demand	AWP-C	Current	0	0	0	0	0	0
Ozark Demand AWP	AWP-D	Current	0	0	0	0	0	0
Ozark Comm. AWP	AWP-C	Current	0	0	0	0	0	0
Ozark Comm. - IT - System Supply	AWP-D	Current	0	0	0	0	0	0
AWG - Ozark/AWP Trans. Gain - D-1	AWP-D	Current	0	0	0	0	0	0
AWG - Ozark/AWP Trans. Gain - D-2	AWP-D	Current	0	0	0	0	0	0
AW Pipeline FT Demand	AWP-C	Current	0	0	0	0	0	0
AW Pipeline FT Commodity	AWP-D	Current	0	0	0	0	0	0
AW Pipeline IT Commodity	AWP-C	Current	0	0	0	0	0	0
LNG Storage Injection (volumes only)	LNG-C	Current	0	0	0	0	0	0
LNG Storage Withdrawal	LNG-C	Current	0	0	0	0	0	0
AWG Gathering & Transmission - Ar.	AWGIC-C	Current	0	0	0	0	0	0
AWG Gathering & Transmission - Mo.	AWGIC-C	Current	0	0	0	0	0	0

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Gas Cost Allocations
August 1989 Actual

Description	Formula Set	Alloc. Factor	AR-Piggy Back Mtd	AR-Other Mtd	AR-Total Mtd	SEMO-No. Mtd	SEMO-80. Mtd	SEMO-Total Mtd
American Central Energy - Demand	NGPL-D	Current						
American Central Energy - Commodity	NGPL-C	Current						
NGPL FTS #110787 Reservation	NGPL-D	Current						
NGPL FTS #110787 Comm. to Cent. Pt	NGPL-C	Current						
NGPL FTS #110787 Comm. to Storage	NGPL-C	Current						
NGPL FTS #110787 Comm. Stor. to Cent. Pt	NGPL-D	Current						
NGPL FTS #110787 Capacity Release Credit	NGPL-D	Current						
NGPL FTS #110787 Capacity Release Credit	NGPL-D	Current						
NGPL FTS #110759 Reservation	NGPL-C	Current						
NGPL FTS #110759 Comm. to Cent. Pt	NGPL-D	Current						
NGPL FTS #110759 Comm. to Storage	NGPL-C	Current						
NGPL FTS #110759 Comm. Stor. to Cent. Pt	NGPL-D	Current						
NGPL FTS #110759 Capacity Release Credit	NGPL-D	Current						
NGPL FTS #110759 Capacity Release Credit	NGPL-D	Current						
NGPL FTS #100072 Comm. to NGPL Cent. Pt	NGPL-C	Current						
NGPL FTS #100072 Comm. to Storage	NGPL-C	Current						
NGPL FTS #100072 Reservation	NGPL-D	Current						
NGPL FTS #100072 Capacity Release Credit	NGPL-D	Current						
NGPL DSS #110648 Reservation	NGPL-D	Current						
NGPL DSS #110648 Injection	NGPL-C	Current						
NGPL DSS #110648 Withdrawal	NGPL-C	Current						
NGPL DSS #110648 AOR Charge	NGPL-C	Current						
NGPL NSS #110507 Reservation	NGPL-D	Current						
NGPL NSS #110507 Injection	NGPL-C	Current						
NGPL NSS #110507 Withdrawal	NGPL-C	Current						
NGPL Cashout	NGPL-C	Current						
NGPL Great Lakes Surcharge	NGPL-D	Current						
NGPL GSR	NGPL-TA	Exp. Annual Cdr						
NGPL POA Overrun	NGPL-C	Current						
NGPL POA Balancing	NGPL-C	Current						
SEECO - Ozark/NGPL - System Supply	NGPL-C	Current						
SEECO - Reservation	NGPL-D	Current						
SEECO - Price Cap Fee	NGPL-C	Price Cap						
Ozark Demand NGPL	NGPL-D	Current						
Ozark Commodity NGPL	NGPL-C	Current						
AWG - Ozark/NGPL Trans. Gain - D-1	NGPL-D	Current						
AWG - Ozark/NGPL Trans. Gain - D-2	NGPL-D	Current						
AWG Gathering & Transmission	NGPL-D	Current						
MRTEM - MRTEM Reserv.	NGPL-G&T	Current						
MRTEM - MRTEM Comm.	MRTC-D	Current						
MRTEM - MRT SCT Commodity (#450 C)	MRTC-C	Current						
MRTEM - FSS Deliverability	MRTC-C	Current						
MRTEM - FSS Capacity	MRTC-D	Current						
MRTEM - FSS Injections	MRTC-C	Current						
MRTEM - FSS Withdrawals	MRTC-C	Current						
MRTEM - MRT FTS Reservation (#1024 F)	MRTC-D	Current						
MRTEM - MRT FTS Commodity (#1024 F)	MRTC-C	Current						
MRTEM - MRT FTS Reservation (#973 F)	MRTC-D	Current						
MRTEM - Credit per Article II of RP96-199	MRTC-D	Current						
MRTEM - MRT FTS Commodity (#973 F)	MRTC-C	Current						
MRTEM - NORAM Gas Tran. FT Demand	MRTC-D	Current						
MRTEM - NORAM Gas Tran. FT Commodity	MRTC-C	Current						
MRTEM - Trunkline FTS Demand	MRTC-D	Current						
MRTEM - Storage Property Tax	MRTC-D	Current						
MRTEM - MRTEM Agency Fee	MRTC-C	Current						
MRTEM - MRTEM Revenue Credit	MRTC-C	Current						
MRTEM - Account '91 Costs	MRTC-TA	Exp. Annual Cdr						
MRTEM - Cash Out	MRTC-C	Current						

Associated Natural Gas Company
Gas Cost Allocations
August 1999 Actual

Description	Formula Set	Alloc Factor	AR-Pluggable Mtd	AR-Other Mtd	AR-Totals Mtd	SEMO-Avg Mtd	SEMO-Sto Mtd	SEMO-Tot. Mtd
Aquila - Commodity	KIRK-C	Current						
Amoco - Reservation	KIRK-D	Current						
Aquila Energy - Reservation	KIRK-D	Current						
Amoco - Pibes Cap	KIRK-C	Current						
ANR NNS Reservation	KIRK-C	Current						
ANR NNS Commodity	KIRK-C	Current						
ANR GF-1 Reservation (Cont. # 50001)	KIRK-D	Current						
ANR GF-1 Commodity (Cont. #50001)	KIRK-C	Current						
ANR GF-1 Reservation (Cont. #69450)	KIRK-D	Current						
ANR GF-1 Commodity (Cont. #69450)	KIRK-C	Current						
ANR ETS Reservation (Cont. #00001)	KIRK-D	Current						
ANR ETS Commodity (Cont. #00001)	KIRK-C	Current						
ANR ETS Reservation (Cont. #00050)	KIRK-D	Current						
ANR ETS Commodity (Cont. #00050)	KIRK-C	Current						
ANR ETS Comm. to Stor. (Cont. #00050)	KIRK-D	Current						
ANR ETS Deliverability Reserv (30000)	KIRK-D	Current						
ANR FSS Capacity Reservatn (30000)	KIRK-C	Current						
ANR FSS Storage - Withdrawal (30000)	KIRK-C	Current						
ANR FSS Storage - Injection (30000)	KIRK-D	Current						
ANR FSS Deliverability Reserv (32250)	KIRK-D	Current						
ANR FSS Capacity Reservatn (32250)	KIRK-C	Current						
ANR FSS Storage - Withdrawal (32250)	KIRK-C	Current						
ANR FSS Storage - Injection (32250)	KIRK-D	Current						
ANR FTS-1 Reservation	KIRK-C	Current						
ANR FTS-1 Commodity	KIRK-C	Current						
ANR Cashout	KIRK-C	Current						
ANR Account 181 Costs	KIRK-TS	Exp. Annual Cdr	8,908	51,963	58,271	52,264	33,521	85,785
ANR Account 858 Costs	KIRK-TA	Exp. Annual Cdr	8,908	51,963	58,271	52,264	33,521	85,785
ANR Take-or-Pay	KIRK-NA	Current						
Aquila Energy - Reservation	BTLR-D	Current						
Aquila Energy - Price Cap Fee	BTLR-C	Price Cap						
PHE SCT - Transportation	BTLR-C	Current						
PHE SCT - Deliverability	BTLR-D	Current						
PHE IOS - Capacity	BTLR-C	Current						
PHE IOS - Injection	BTLR-C	Current						
PHE IOS - Withdrawal Cost	BTLR-C	Current						
PHE IOS - Withdrawal	BTLR-C	Current						
PHE Direct Billing	BTLR-TS	Exp. Annual Cdr	8,908	51,963	58,271	52,264	33,521	85,785
PHE Take-or-Pay	BTLR-NA	Current						
Total			8,908	51,963	58,271	52,264	33,521	85,785
Total Excluding AWS Gath. & Trans.			8,908	51,963	58,271	52,264	33,521	85,785
Summary:								
Interconnected			8,908	51,963	58,271	52,264	33,521	85,785
NGPL			0	0	0	0	0	0
MRT			0	0	0	0	0	0
Kirkville			0	0	0	0	0	0
Butler			0	0	0	0	0	0
Total			8,908	51,963	58,271	52,264	33,521	85,785
Total Excluding AWS Gath. & Trans.			8,908	51,963	58,271	52,264	33,521	85,785

Associated Natural Gas Company
Gas Cost Allocations - Analysis Of Volumes
August 1999 Actual

Description	MMBtu	Mcf	Btu Factor
TETC:			
1. Deliveries:			
Meter #70061	0	0	
Meter #70078	0	0	
Meter #70110	2,765	2,699	1.02482
Meter #70532	11,438	11,170	1.02399
Meter #71141	14,204	13,869	1.02415
Total			
2. Calculation of Mcf on Deliveries by Source:			
SEECO	12,000	11,717	
Aquila Energy Trading Corp.	2,204	2,152	
PG & E	0	0	
TETC Cashout	0	0	
SS-1 400164 Withdrawal	0	0	
Deliveries for ANG	14,204	13,869	
Loxreen	0	0	
Fruit of the Loom	0	0	
Federal Mogul	0	0	
Deliveries for Others	0	0	
Total Deliveries	14,204	13,869	
Deliveries per Section 1	14,204	13,869	
Difference (should be 0)	0	0	
Reliant At Cole Ridge:			
1. Deliveries:			
NA	82,379	81,113	1.01581
2. Calculation of Mcf on Deliveries by Source:			
Aquila Energy Services	279	274	
Imbalance	0	0	
Deliveries for ANG	279	274	
Fruit of the Loom	0	0	
Noranda	51,100	50,315	
Loxreen	31,000	30,524	
Deliveries for Others	0	0	
Total Deliveries	82,100	80,839	
Deliveries per Section 1	82,379	81,113	
Difference (should be 0)	0	0	
Ozark @ Piggott:			
1. Deliveries:			
SEECO	7,060	6,908	
2. Calculation of Mcf on Deliveries by Source:			
SEECO	0	0	
May	7,060	6,908	1.02200
June	0	0	
Deliveries for ANG	7,060	6,908	
Deliveries for Others	0	0	
Total Deliveries	7,060	6,908	
Deliveries per Section 1	7,060	6,908	
Difference (should be 0)	0	0	

Associated Natural Gas Company
Gas Cost Allocations - Analysis Of Volumes
August 1999 Actual

Description	MMBtu	Mcf	Btu Factor
AW Pipeline:			
1. Deliveries:			
NA	299,990	289,182	1.02700
2. Calculation of Mcf on Deliveries:			
SEECO - System Supply	120,679	117,508	
SEECO - Noranda	0	0	
SEECO - Marmor	0	0	
SEECO - Lewis Bros.	0	0	
SEECO - Choice Brands USA	0	0	
SEECO - Loxgreen Company	0	0	
SEECO - Gates Rubber	0	0	
NGC - System Supply	0	0	
Deliveries for ANG	120,679	117,508	
Noranda	72,903	70,986	
Marmor	5,963	5,806	
Lewis Brothers	2,201	2,143	
Loxgreen Company	11,550	11,246	
Gates Rubber	8,680	8,452	
Viskase	25,925	25,243	
Federal Mogul	7,515	7,317	
Fruit of the Loom	0	0	
Plastene	7,003	6,819	
Huntco Steel	20,398	19,862	
Blytheville Canning	14,173	13,800	
Deliveries for Others	176,311	171,674	
Deliveries by Source	296,990	289,182	
Deliveries per Section 1	296,990	289,182	
Difference (should be 0)	0	0	
LNG Storage:			
Injections - (enter as credit)	0	0	
Withdrawals	5,497	5,497	
Net	5,497	5,497	
Interconnected System Deliveries - Recap:			
Deliveries For System Supply:			
TETC	14,204	13,869	
AER At Cole Ridge	279	274	
Ozark @ Piggott	7,060	6,908	
AW Pipeline	120,679	117,508	
LNG-Net	5,497	5,497	
Total Delivered For System Supply	147,719	144,056	
Disposition of Deliveries:			
Allocated to Arkansas		58,271	
Allocated to Southeast Missouri		85,785	
Transported		0	
Total Allocated/Assigned		144,056	
Difference (should be 0)		0	

Associated Natural Gas Company
Gas Cost Allocations - Analysis Of Volumes
August 1999 Actual

Description	MMBtu	Mcf	Btu Factor
NGPL:			
1. Deliveries:			
Jackson	26,657	25,724	1.03627
Pueblo	1,053	1,018	1.03438
Oak Ridge	162	156	1.03946
Doniphan	2,464	2,379	1.03573
Total	30,336	29,277	1.03617
2. Calculation of Mcf on Deliveries by Source:			
American Central Energy Midcon Pool	30,500	29,435	
American Central Energy TEXOK Pool	0	0	
NGPL Storage Withdrawals DSS	0	0	
NGPL Storage Withdrawals NSS	(164)	(158)	
NGPL POA	0	0	
Seeco - System Supply	0	0	
Seeco - Ceramo	0	0	
Seeco - Lee Rowan	0	0	
Deliveries By Source	30,336	29,277	
Deliveries per Section 1	30,336	29,277	
Difference (should be 0)	0	0	
Delivered to Third Parties		0	
Storage Withdrawals		29,277	
Allocated to Southeast Missouri		29,277	
Total Accounted For		29,277	
Difference (should be 0)		0	
MRT:			
1. Deliveries:			
NA	22,325	21,775	1.02526
2. Calculation of Mcf on Deliveries by Source:			
MRTM	6,821	6,458	
MRT Storage Withdrawals	0	0	
Deliveries for ANG	6,821	6,458	
Quality Aggregate	15,704	15,317	
Deliveries for Others	15,704	15,317	
Deliveries by Source	22,325	21,775	
Deliveries per Section 1	22,325	21,775	
Difference (should be 0)	0	0	
System Supply		6,458	
Delivered to Third Parties		0	
Allocated to Southeast Missouri		6,458	
Total Accounted For		6,458	
Difference (should be 0)		0	

Associated Natural Gas Company
Gas Cost Allocations - Analysis Of Volumes
August 1999 Actual

Description	MMBtu	Mcf	Btu Factor
ANR:			
1. Deliveries:			
NA	35,279	34,875	1.01158
2. Calculation of Mcf on Deliveries:			
AQUILA Energy	30,721	30,369	
Storage Withdrawals (FSS #50000)	4,558	4,506	
Storage Withdrawals (FSS #32250)	0	0	
Deliveries for ANG	35,279	34,875	
Adair	0	0	
Deliveries for Others	0	0	
Deliveries by Source	35,279	34,875	
Deliveries per Section 1	35,279	34,875	
Difference (should be 0)	0	0	
System Supply		34,875	
Delivered to Third Parties		0	
Allocated to Kirksville		34,875	
Total Accounted For		34,875	
Difference (should be 0)		0	
PHE:			
1. Deliveries:			
NA	11,349	11,105	1.02197
2. Calculation of Mcf on Deliveries by Source:			
Aquila Energy	10,900	10,666	
Storage Withdrawals	449	439	
MFA Hubbard Milling	0	0	
Deliveries for ANG	11,349	11,105	
Thorco	0	0	
Deliveries for Others	0	0	
Total Deliveries by Source	11,349	11,105	
Deliveries per Section 1	11,349	11,105	
Difference (should be 0)	0	0	
System Supply		11,105	
Delivered to Third Parties		0	
Allocated to Butler		11,105	
Total Accounted For		11,105	
Difference (should be 0)		0	

Associated Natural Gas Company
Gas Cost Allocations - AWG Gathering & Transmission Charge
August 1999 Actual

Delivery Point	Mcf Delivered	TETC CDS M-1491 [1]	Ozark FTI2	Mcf Purchased	MMBtu Purchased	AWG Gath. Charge [7]
Arkansas G & L:						
Ozark/ANGPLANG	44,007	NA	880	44,887	46,050	16,899.89
Ozark/TETC/ANG	4,388	97	90	4,575	4,665	1,717.52
Ozark/Pigott	6,808	NA	138	7,046	7,201	2,630.89
Total Before Storage	55,203	97	1,108	56,508	57,916	
		TETC SS-1 Withdrawal [1]				
		3.01%				
TETC Storage Withdrawals	0					
SECO % For Prior Month Balance [3]	28.53%					
TETC Storage Withdrawals	0					
		Injection Losses [3]				
		6.35%				
Total Arkansas						
Missouri G & L:						
Ozark/ANGPLANG	73,501	NA	1,470	74,971		21,257.30
Ozark/TETC/ANG	7,320	NA	150	7,472		26,314.82
Total Before Storage	80,820	0	1,620	82,443		2,682.34
		TETC SS-1 Withdrawal [1]				
		3.01%				
TETC Storage Withdrawals	0					
SECO % For Prior Month Balance [3]	29.53%					
TETC Storage Withdrawals	0					
Total Interconnected System						
NGPL System:						
		NGPL FTS G.C. m.l. - Market [4]	Ozark FTI2	Mcf Purchased		
		3.03%	2.00%			
Ozark/ANGPLANG	0	NA	0	0		0.00
		Injection Losses [5]				
		5.66%				
NGPL Storage Withdrawals - DSS	0					
SECO % For Prior Month Balance [5]	0.14%					
NGPL Storage Withdrawals	0					0.00
		NGPL NSS Withdrawal [4]				
		3.03%				
NGPL Storage Withdrawals - NSS	0					
SECO % For Prior Month Balance [5]	0.01%					
NGPL Storage Withdrawals	0					0.00
Total NGPL						50,254.46

- [1] TETC Tariff Sheet 125 - 129.
[2] Ozark Tariff Sheet 13.
[3] TETC Storage w/s - prior month %.
[4] NGPL Tariff Sheet 18.
[5] NGPL Storage w/s - prior month %.

Associated Natural Gas Company
Gas Cost Allocations
August 1999 Actual

Description	Current	Exp. Annual Ccf	Price Cap	
Interconnected Ccf				
Arkansas - Total	519,141			
Arkansas - Pigott	59,114			
Arkansas - JC	480,027			
SEMO - JC Northern	488,106			
SEMO - JC Southern	300,234			
Total Interconnected	1,229,367			
District Sales (Ccf)				
Arkansas - Firm	350,983			
Arkansas - Interruptible	188,458			
SEMO - Firm	714,603			
SEMO - Interruptible	388,450			
Kirkville - Firm	120,815			
Kirkville - Interruptible	269,110			
Butler - Firm	61,571			
Butler - Interruptible	43,458			
Total Company	2,115,148			
Trans. Gas Purch. for Del. via TETC?	N			
Station 110				
TETC Del. For Sales - MMBtu	14,204			
Sta. 110 Deliveries - MMBtu	0			
TETC Del. For Sales - Mcf	13,869			
Sta. 110 Deliveries - Mcf	0			
TETC Mcf Delivered - Total	13,869			
ALLOCATION FACTORS				
Interconnected Commodity \$ - TETC	0.00000000			#DIV/0!
Interconn. Comm. \$ - Sta. 110 TETC	0.38107982			#DIV/0!
Interconn. Comm. \$ - Northern TETC	0.24441718			#DIV/0!
Interconn. Comm. \$ - Southern TETC	0.37450290			#DIV/0!
Interconn. Comm. \$ - Ark. ex Sta. 110 TETC				
Interconnected Mcf - TETC	0.00000000			#DIV/0!
Interconn. Mcf - Sta. 110 - TETC	0.38107982			#DIV/0!
Interconn. Mcf - Northern - TETC	0.24441718			#DIV/0!
Interconn. Mcf - Southern - TETC	0.37450290			#DIV/0!
Interconn. Mcf - Ark. ex Sta. 110 - TETC				
Interconnected Comm. \$ & Mcf - Other	0.38107982			#DIV/0!
Interconn. Southern - Other	0.24441718			#DIV/0!
Interconn. Ark. ex Sta. 110 - Other	0.37450290			#DIV/0!
Price Cap Allocation Factor				
Arkansas Price Cap Factor - ex. Pigott - Other	0.43342620			
Price Cap Factor - Interconn. Northern - Other	0.80924350			
Price Cap Factor - Interconn. Southern - Other	0.39078670			
Price Cap Factor - Butler Firm	0.97719514			
Price Cap Factor - Butler Interruptible	0.02284186			
Price Cap Factor - SEMO Firm	0.90622361			
Price Cap Factor - SEMO Interruptible	0.09377639			
Interconnected Demand				
Interconn. Demand - Arkansas	0.40740000			
Interconn. Demand - SEMO	0.59260000			
Arkansas Firm Sales Factor	0.67550627			
Arkansas Int. Sales Factor	0.32449373			
SEMO Firm Sales Factor	0.64900000			
SEMO Int. Sales Factor	0.35100000			
Kirkville Firm Sales Factor	0.59800000			
Kirkville Int. Sales Factor	0.40200000			
Butler Firm Sales Factor	0.58620000			
Butler Int. Sales Factor	0.41380000			

Associated Natural Gas Company
Gas Cost Allocations
August 1999 Actual

Description	Current	Exp. Annual Ccf	Price Cap	#DIV/0!	#DIV/0!	#DIV/0!
EIA TETC Demand - AR	0.00000000		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AWG G&T Allocation	0.60924330					
AWG G&T Allocation - Northern						
AWG G&T Allocation - Southern	0.39075670					
Transition Cost Allocation Ccf		27,142,385				
Arkansas Sales Ccf - Expected		11,451,859				
Arkansas Transport Ccf - Expected		18,189,537				
SEMO Northern Sales Ccf - Expected		14,117,548				
SEMO Northern Transport Ccf - Expected		14,551,989				
SEMO Southern Sales Ccf - Expected		3,504,683				
SEMO Southern Transport Ccf - Expected		0				
SEMO Firm Ccf - Expected		0				
SEMO Int. Ccf - Expected		0				
SEMO Transport Ccf - Expected		0				
Kirkville Firm Ccf - Expected		0				
Kirkville Int. Ccf - Expected		0				
Kirkville Transport Ccf - Expected		0				
Butler Firm Ccf - Expected		0				
Butler Int. Ccf - Expected		0				
Butler Transport Ccf - Expected		0				
Interconnected Allocation Factors - Transition Costs						
Arkansas Sales Factor - Expected		45.33%				
Arkansas Total Factor - Expected		43.38%				
SEMO Northern Sales Factor - Expected		30.37%				
SEMO Northern Total Factor - Expected		36.32%				
SEMO Southern Sales Factor - Expected		24.30%				
SEMO Southern Total Factor - Expected		20.30%				
Arkansas District Allocation Factors - Transition Costs						
Ark. Dist. Sales Factor - Expected		70.33%				
Ark. Dist. Transp. Factor - Expected		29.67%				
Demand Class Allocation Factors						
SEMO UC Dmd - Firm	96.14%					
SEMO UC Dmd - Int.	3.86%					
SEMO NGPL Dmd - Firm	92.87%					
SEMO NGPL Dmd - Int.	7.13%					
SEMO MRTC Dmd - Firm	97.75%					
SEMO MRTC Dmd - Int.	2.25%					
Kirkville Dmd - Firm	91.59%					
Kirkville Dmd - Int.	8.41%					
Butler Dmd - Firm	98.26%					
Butler Dmd - Int.	1.74%					
Arkansas Dmd - Firm	92.6732%					
Arkansas Dmd - Int.	7.3268%					

SECTION II

EXHIBIT II-C

Gas Cost Allocation Narrative

GAS COST ALLOCATIONS NARRATIVE

Reason For Gas Cost Allocation Workpapers

Associated Natural Gas Company (ANG) is composed of four districts each having separate tariffs. These districts are: (1) Arkansas, (2) Southeast Missouri (SEMO), (3) Kirksville and (4) Butler. The attached chart depicts the pipeline connections by district.

Gas cost allocation workpapers are required primarily because of the interconnection between portions of the Arkansas and SEMO districts which has formed an area called the Interconnected System. Historically, the Interconnected System has received deliveries through TETC, Reliant Energy Transmission (formerly NorAm), OZARK (formerly NOARK) and AWPL for gas deliveries to ANG.

As can be observed from the attached chart, some gas cost for the Interconnected System can be directly identified by district while other gas cost cannot be directly identified. Direct assignments are made for the following deliveries: (1) through TETC and OZARK Pipeline to Piggott, Arkansas, (2) through NGPL and MRT into the SEMO district, (3) deliveries through ANR Pipeline Company into the Kirksville district, and (4) deliveries through Panhandle Eastern Pipeline Company into the Butler district. The inability to specifically identify the remaining sources by district results in the need to assign gas cost through allocation procedures. These procedures are described as follows:

ALLOCATIONS

DEMAND

Demand charges related to the volumes delivered to the Interconnected System and to Piggott, AR are allocated based on the demand study filed with the ACA filing for the period ending 8/31/91 and updated in the ACA filing for the period ending 8/31/99.

Demand charges related to volumes delivered through MRT and NGPL are directly assigned to the SEMO district. Demand charges related to volumes delivered through ANR and PEPL are directly assigned to the Kirksville and Butler districts.

COMMODITY

OZARK. OZARK Pipeline delivers SEECO gas on behalf of ANG to TETC, AWPL and NGPL for redelivery to ANG as well as directly to ANG at Piggott. In the case of deliveries to TETC and AWPL, allocations are performed to assign costs between the Arkansas and SEMO districts. See TETC and Interconnected for a description of these

GAS COST ALLOCATIONS NARRATIVE

allocations.

TETC. TETC delivers gas to ANG from various sources. These sources include: (1) KN Marketing L. P., (2) PG & E Energy Marketing, (3) Aquila Energy Marketing, (4) redelivery of SEECO gas delivered to TETC through OZARK and (5) SS-1 Storage Withdrawals. The deliveries are made into the Interconnected System except for deliveries to Station 110 at Piggott, AR. which are directly assigned to the Arkansas district.

The Piggott allocation is made by applying an allocation factor to each supply source. This factor is determined by dividing the deliveries for gas sales at TETC Station 110 by the total TETC deliveries for gas sales.

The balance remaining after the allocation to Piggott, AR is assigned to the Interconnected System. See Interconnected for cost assignment between Arkansas and SEMO.

Reliant Energy Gas Transmission. Reliant Energy Gas Transmission delivers gas into the Interconnected System at Cole Ridge. This gas is purchased by ANG from Aquila Energy Marketing. See Interconnected for cost assignment to Arkansas and SEMO.

AWPL. Gas delivered to AWPL via OZARK is redelivered to ANG into the Interconnected System in Dunklin County, Missouri.

Interconnected. The gas cost for the Interconnected System is allocated to the Arkansas district and the SEMO district based on cycle billing Ccf sales in the Interconnected System. These sales are reported on a schedule titled "Summary of Gas Sales By Source". Ccf sales for Interconnected/Arkansas exclude Piggott, AR. Ccf sales for Interconnected/SEMO are composed of sources referred to as Northern System and Southern System.

NGPL, MRT, ANR, and PEPL. Gas delivered by these pipelines is directly assigned. NGPL and MRT are assigned to the SEMO district. ANR is assigned to the Kirksville district and PEPL is assigned to the Butler district.

GAS COST ALLOCATIONS NARRATIVE

AWG Gathering and Transmission Charge. SEECO volumes delivered for Arkansas and Missouri customers are subject to a gathering and transmission charge. This charge represents a cost incurred by ANG for the use of Arkansas Western Gas Company facilities used for gathering and transmission of SEECO volumes. The recovery is calculated by the application of the gathering and transmission rate per Mcf to SEECO volumes purchased for delivery. This entails allocation of Mcf deliveries in the Interconnected System in the same manner to which costs are allocated.

Transition Costs and Take-or-Pay Costs

Transition costs and take-or-pay costs, allocated or directly assigned to Missouri, are accounted for and recovered separately. Therefore, Missouri transition costs and take-or-pay costs are deducted from invoice costs prior to allocation.

Gas Cost Allocation Processes

The remainder of this narrative describes the processes which are applied to determine the allocated costs by district. The attached workpapers are indexed and are referenced in the narrative as follows:

W/P Index	Topic
A	Determination of Balance for Allocation
B	Allocation of Interconnected Gas Cost
C	Allocation of Gas Cost By District and Class
D	MMBtu and Mcf Deliveries
E	Allocation of Interconnected System Mcf Delivered For Sales
F	Transportation Costs – Schedule no longer applicable – reserved for future use
G	Analysis of Volumes
H	AWG Gathering and Transmission Charge
I	Allocation Factors

GAS COST ALLOCATIONS NARRATIVE

A. Determination of Balance for Allocation

#	Column	Source	Description	Destination
1	Description	Supplier Invoice	Identifies supplier and rate schedule or other descriptive reference.	NA
2	Formula Set	NA	Identifies the allocation process for this transaction. For example, costs or volumes related to TETC deliveries are prefixed with TETC. Commodity transactions are suffixed with C. Demand costs are suffixed with D.	NA
3	Alloc. Factor	W/P I	Identifies the set of allocation factors applied to this transaction.	NA
4	Invoice Code	Supplier Invoice	Code used to identify invoice items.	NA
5	Invoice	Supplier Invoice	Invoice cost for the supplier and rate schedule.	NA
6	Gas Transp.	W/P F	No longer applicable – reserved for future use.	NA
7	Storage Inj./(W/D)	Storage Inventory Folders	<u>Injections:</u> Portion of col. #5 which is included in cost of gas injected. This is deducted from #5 to determine cost of gas currently delivered for system supply. <u>Withdrawals:</u> Cost of gas withdrawn from storage. This cost is added to arrive at cost of gas delivered for system supply.	NA
8	Imbalance	Imbalance Folders	May represent portion of col. #5 which has not been delivered. May represent cost of previous imbalance which is being delivered.	NA
9	MO Trans. Cost	Calculated. W/P I and W/P A	Transition costs directly assigned or allocated to Missouri. These costs are deducted from #5. If Formula Set = TETC-TT then Amount = invoice multiplied by SEMO Northern Total Factor - Expected + Invoice multiplied by SEMO Southern Total Factor – Expected. If Formula Set = NGPL-TA, MRTC-TA or BTLR-TS then Amount = Invoice.	NA
10	Take-or-Pay	Supplier Invoice	Fixed take-or-pay costs are accounted for separately. Thus, these costs are deducted from #5.	NA
11	Bal. for Alloc.	Calculated	5-6-7-8-9-10 This represents system supply costs to be allocated to sales customers.	W/P B and W/P C

GAS COST ALLOCATIONS NARRATIVE

B. Allocation of Interconnected Gas Cost

#	Column	Source	Description	Destination
1	Description	Supplier Invoice	Identifies supplier and rate schedule or other descriptive reference.	NA
2	Formula Set	NA	Identifies the allocation process for this transaction. For example, costs or volumes related to TETC deliveries are prefixed with TETC. Commodity transactions are suffixed with C. Demand costs are suffixed with D..	NA
3	Alloc. Factor	W/P I	Identifies the set of allocation factors applied to this transaction.	NA
4	AR-Piggott \$ (Commodity)	Calculated. Bal. for Alloc. (W/P A) multiplied by Factor (W/P I)	If Formula Set = TETC-C then apply Interconn. Comm. \$ - Sta. 110 TETC factor. If Formula Set = PIGG-C then apply factor of 100%. If Formula Set = AWGIC-C, AWP-C, COLE-C, LNG-C, or TETC -TT, then apply factor of 0%.	NA
5	AR-Other \$ (Commodity)	Calculated. Bal. for Alloc. (W/P A) multiplied by Factor (W/P I)	If Formula Set = TETC-C then apply Interconn. Comm. \$ Ark. ex Sta. 110 TETC factor. If Formula Set = LNG-C, COLE-C, or AWP-C then apply Interconn. Comm. \$ - Ark. ex Sta. 110 Other factor. If Formula Set = PIGG-C then apply factor of 0%. If Formula Set = AWP-C and allocation factor is Price Cap then Bal. For Alloc. Multiplied by Arkansas Price Cap Factor - ex Piggott - Other. If Formula Set = TETC-TT then Amount = Invoice (from W/P A) multiplied by Arkansas Total Factor - Expected. If Formula Set = AWGIC-C and Description = AWG G&T - Ar. then Amount = Bal. For Alloc. If Formula Set = AWGIC-C and Description = AWG G&T - Mo. then Amount = \$0.00.	NA
6	AR-Total \$ (Commodity)	Calculated	# 4 + # 5	W/P C
7	SEMO No. \$ (Commodity)	Calculated. Bal. for Alloc. (W/P A) Multiplied by Factor (W/P I)	If Formula Set = TETC-C then apply Interconn. Comm. \$ - Northern TETC Factor. If Formula Set = PIGG-C, TETC-TT then apply factor of 0%. If Formula Set = COLE-C, LNG-C, or AWP-C then apply Interconn. Northern - Other factor. If Formula Set = AWP-C and Alloc. Factor = Price Cap then (Bal. For Alloc. (from W/P A) - AR - Total \$) multiplied by Price Cap Factor - Interconn. Northern - Other factor (from W/P I). If Formula Set = AWGIC-C and Description is AWG G&T - Ar. Then apply factor of 0%. If Formula Set = AWGIC-C and Description = AWG G&T - Mo. Apply AWG G&T Allocation - Northern factor.	NA

GAS COST ALLOCATIONS NARRATIVE

8	SEMO So. \$ (Commodity)	Calculated. Bal. for Alloc. (W/P A) Multiplied by Factor (W/P I)	If Formula Set = TETC-C then apply Interconn. Comm. \$ - Southern TETC factor. If Formula Set = PIGG-C or TETC-TT then apply factor of 0%. If Formula Set = COLE-C, LNG-C, or AWP-C then apply Interconn. Southern - Other factor. If Formula Set = AWP-C and Alloc. Factor = Price Cap then (Bal. For Alloc (from W/P A) - AR Total \$) multiplied by Price Cap Factor - Interconn. Southern - Other factor (from W/P I). If Formula Set = AWGIC-C and Description = AWG G&T - Ar. then apply factor of 0%. If Formula Set = AWGIC-C and Description is AWG G&T - Mo. then apply AWG G&T Allocation - Southern factor.	NA
9	SEMO Tot. \$ (Commodity)	Calculated	7+8	W/P C
10	AR Dem. \$	Calculated. Bal. For Alloc. (W/P A) Multiplied by Factor (W/P I)	If Formula Set = AWP-D, COLE-D, PIGG-D, or TETC-D then apply Interconn. Demand - Arkansas factor.	W/P C
11	SEMO Dem. \$	Calculated. Bal. For Alloc. (W/P A) Multiplied by Factor (W/P I)	If Formula Set = AWP-D, COLE-D, PIGG-D, or TETC-D then apply Interconn. Demand - SEMO factor.	W/P C

GAS COST ALLOCATIONS NARRATIVE

C. Allocation of Gas Cost By District and Class

#	Column	Source	Description	Destination
1	Description	Supplier Invoice	Identifies the supplier and rate schedule or other descriptive reference.	NA
2	Formula Set	NA	Identifies the allocation process for this transaction. For example, costs or volumes related to TETC deliveries are prefixed with TETC. Commodity transactions are suffixed with C. Demand costs are suffixed with D.	NA
3	Alloc. Factor	W/P 1	Identifies the set of allocation factors applied to this transaction.	NA
4	Arkansas-F \$	Calculated. Allocation Factors applied to Amounts from W/P B.	Demand and commodity costs from interconnected system only (including Piggott) to Arkansas Firm customers. If Formula Set = AWP-C, COLE-C, LNG-C, PIGG-C, or TETC-C then Amount = AR Total \$ (from W/P B) multiplied by Arkansas Firm Sales Factor (from W/P I). If Formula Set = TETC-TT then Amount = AR Total \$ (from W/P B) multiplied by (Ark. Dist. Sales Factor - Expected multiplied by Arkansas Firm Sales Factor) from W/P I. If Formula Set = AWP-D, COLE-D, PIGG-D, or TETC-D then Amount = AR Dem. \$ (from W/P B) multiplied by Arkansas Dmd - Firm factor (from W/P I). If Formula Set = AWGIC-C and Description = AWG G&T - Ar. then Amount = AR Total \$ (from W/P B) multiplied by Arkansas Firm Sales Factor (from W/P I). If Formula Set = AWGIC-C and Description = AWG G&T - Mo. then Amount = \$0.00.	Total to Exhibit II-A of ACA Filing
5	Arkansas-I \$	Calculated. Allocation Factors Applied to Amounts from W/P B.	Demand and commodity costs from interconnected system only (including Piggott) to Arkansas Interruptible customers. If Formula Set = AWP-C, COLE-C, LNG-C, PIGG-C, or TETC-C then Amount = AR-Total \$ (from W/P B) multiplied by Arkansas Int. Sales Factor (from W/P I). If Formula Set = TETC-TT then Amount = AR-Total \$ (from W/P B) multiplied by (Ark. Dist. Sales Factor - Expected multiplied by Arkansas Int. Sales Factor) from W/P I. If Formula Set = AWP-D, COLE-D, PIGG-D, or TETC-D then Amount = AR Dem. \$ (from W/P B) multiplied by Arkansas Dmd - Int Factor (from W/P I). If Formula Set = AWGIC-C and Description = AWG G&T - Ar. then Amount = AR Total \$ (from W/P B) multiplied by Arkansas Int. Sales Factor (from W/P I). If Formula Set = AWGIC-C and description = AWG G&T - Mo. then amount = \$0.00	Total to Exhibit II-A of ACA Filing
6	Arkansas-T \$	Calculated. Allocation Factors Applied to Amounts from W/P B.	Interconnected transition costs attributable to Arkansas District. If formula set suffixed with TT then Amount = AR Total \$ (in W/P B) multiplied by Ark. Dist. Transp. Factor - Expected (from W/P I).	Total to Exhibit II-A of ACA Filing
7	SEMO-F \$	Calculated. Allocation Factors Applied	Demand and Commodity costs from W/P A and W/P B multiplied by firm allocation factor. If Formula Set = AWP-C, LNG-C, PIGG-C, COLE-C, or	Total to Exhibit II-A of ACA Filing

GAS COST ALLOCATIONS NARRATIVE

		to Amounts From W/P A & W/P B.	TETC-C then Amount = (SEMO Tot. \$ + SEMO Dem. \$ (from W/P B)) multiplied by SEMO Firm Sales Factor (from W/P I). If Formula Set = AWP-D, COLE-D, PIGG-D, or TETC-D then Amount = SEMO Dem. \$ (from W/P B) multiplied by SEMO I/C Dmd-Firm Factor (from W/P I). If Formula Set = NGPL-D then Amount = Bal. For Alloc. (from W/P A) multiplied by SEMO NGPL Dmd - Firm factor (from W/P I). If Formula Set = MRTC-D then Amount = Bal. For Alloc. (from W/P A) multiplied by SEMO MRTC Dmd - Firm factor (from W/P I). If Formula Set = NGPL-C, NGPL-G&T or MRTC-C then Amount = Bal. For Alloc. (from W/P A) multiplied by SEMO Firm Sales Factor (from W/P I). If Formula Set = TETC-TT, MRTC-TA or NGPL-TA then Amount = \$0.00. If Formula Set = AWP-C and Alloc. Factor = Price Cap then Amount = (SEMO Tot \$ + SEMO Dem. \$ (from W/P B)) multiplied by Price Cap Factor SEMO Firm (from W/P I). If Formula Set = PIGG-C and Alloc. Factor = Price Cap then Amount = \$0.00. If Formula Set = NGPL-C and Alloc. Factor = Price Cap then Amount = Bal. for Alloc. (from W/P A) multiplied by Price Cap Factor - SEMO Firm (from W/P I). If Formula Set = AWGIC-C and Description = AWG G&T - AR then Amount = \$0.00. If Formula Set = AWGIC-C and Description = AWG G&T - Mo. then Amount = (SEMO Tot. \$ + SEMO Dem \$ (from W/P B)) multiplied by SEMO Firm Sales Factor (from W/P I).	
8	SEMO-I \$	Calculated. Allocation Factors Applied to Amounts From W/P A & W/P B.	Costs from W/P A and W/P B (Interconnected System) multiplied by interruptible allocation factor. If Formula Set = AWP-C, COLE-C, LNG-C, or TETC-C then Amount = (SEMO Tot \$ + SEMO Dem \$ (from W/P B)) multiplied by SEMO Int. Sales Factor (from W/P I). If Formula Set = TETC-D, PIGG-D, COLE-D, or AWP-D then Amount = SEMO Dem \$ (from W/P B) multiplied by SEMO I/C Dmd - Int. (from W/P I). If Formula Set multiplied by = MRTC-D then Amount = Bal. For Alloc. (from W/P A) multiplied by SEMO MRTC Dmd - Int. (from W/P I). If Formula Set = NGPL-D then Amount = Bal. for Alloc. (from W/P A) multiplied by SEMO NGPL Dmd - Int. (from W/P I). If Formula Set = NGPL-G&T, MRTC-C, or NGPL-C then Amount = Bal. for Alloc. (from W/P A) multiplied by SEMO Int. Sales Factor (from W/P I). If Formula Set = MRTC-TA, NGPL-TA, TETC_TT, or PIGG-C then Amount = \$0.00. If Formula Set = AWP-C and Alloc. Factor = Price Cap then (SEMO Tot. \$ + SEMO Dem. \$ (from W/P B)) multiplied by Price Cap Factor SEMO Interruptible (from W/P I). If Formula Set = NGPL-C and Alloc. Factor = Price Cap then Bal. For Alloc. (From W/P A) multiplied by Price Cap Factor SEMO - Interruptible (from W/P I). If Formula Set = AWGIC-C and Description = AWG G&T - Ar. then amount = \$0.00. If Formula Set = AWGIC-C and Description = AWG G&T - Mo. then (SEMO Tot. \$ + SEMO Dem \$ (from W/P B)) multiplied by SEMO Int. Sales Factor (from W/P I).	Total to Exhibit 11-A of ACA Filing

GAS COST ALLOCATIONS NARRATIVE

9	SEMO-T \$	Calculated. Allocation Factors Applied to Amounts From W/P A and W/P B.	SEMO transport cost attributable to SEMO District. No allocations were performed for this period.	Total to Exhibit II-A of ACA Filing
10	Kirksville-F \$	Calculated. Allocation Factors Applied to Amounts From W/P A.	Costs from W/P A multiplied by the firm allocation factor. If Formula Set = KIRK-C then Amount = Bal for Alloc. (from W/P A) multiplied by Kirksville Firm Sales Factor (from W/P I). If Formula Set = KIRK-D then Amount = Bal for Alloc. (from W/P A) multiplied by Kirksville Dmd - Firm factor (from W/P I) If Formula Set = KIRK-NA, KIRK-TA, or KIRK-TS then Amount = \$0.00.	Total to Exhibit II-A of ACA Filing
11	Kirksville-I \$	Calculated. Allocation Factors Applied to Amounts From W/P A.	Costs from W/P A multiplied by the interruptible allocation factor. If Formula Set = KIRK-C then Amount = Bal. for Alloc. (from W/P A) multiplied by Kirksville Int. Sales Factor (from W/P I). If Formula Set = KIRK-D then Amount = Bal for Alloc. (from W/P A) multiplied by Kirksville Dmd - Int. factor (from W/P I) If Formula Set = KIRK-NA, KIRK-TA, or KIRK-TS then Amount = \$0.00.	Total to Exhibit II-A of ACA Filing
12	Kirksville- T \$	Allocation Factors Applied to Amounts From W/P A	No Allocations were performed during this period.	Total to Exhibit II-A of ACA Filing
13	Butler-F \$	Allocation Factors Applied to Amounts From W/P A.	Costs from W/P A multiplied by the firm allocation factor. If Formula Set = BTLR-C then Amount = Bal. for Alloc. (from W/P A) multiplied by Butler Firm Sales Factor (from W/P I). If Formula Set = BTLR-C and Alloc. Factor = Price Cap then Amount = Bal. For Alloc. (From W/P A) multiplied by Price Cap Factor - Butler Firm (from W/P I) If Formula Set = BTLR - D then Amount = Bal. for Alloc. (from W/P A) multiplied by Butler Dmd - Firm Factor (from W/P I).	Total to Exhibit II-A of ACA Filing
14	Butler-I \$	Allocation Factors Applied to Amounts From W/P A.	Costs from W/P A multiplied by the interruptible allocation factor. If Formula Set = BTLR-C then Amount = Bal. for Alloc. (from W/P A) multiplied by Butler Int. Sales Factor (from W/P I). If Formula Set = BTLR-C and Alloc. Factor = Price Cap then Amount = Bal. For Alloc. (From W/P A) multiplied by Price Cap Factor - Butler Interruptible (from W/P I) If Formula Set = BTLR-D then Amount = Bal. for Alloc. (from W/P A) multiplied by Butler Dmd - Int. factor (from W/P I).	Total to Exhibit II-A of ACA Filing

GAS COST ALLOCATIONS NARRATIVE

D. MMBtu and MCF Deliveries

#	Column	Source	Description	Destination
1.	Description	Supplier Invoice	Identifies the supplier and rate schedule or other descriptive reference.	NA
2.	Formula Set	NA	Identifies the allocation process for this transaction. For example, costs or volumes related to TETC deliveries are prefixed with TETC. Commodity transactions are suffixed with C. Demand costs are suffixed with D.	NA
3.	Alloc. Factor	W/P I	Identifies the set of allocation factors applied to this transaction.	NA
4.	Del. MMBtu	W/P G	MMBtu delivered including deliveries purchased for transport customers.	NA
5.	Trans. MMBtu	W/P F	Not applicable – reserved for future use.	NA
6.	Sales MMBtu	Calculated	(4-5). MMBtu delivered for sales customers.	NA
7.	Del. Mcf	W/P G	Mcf delivered including deliveries purchased for transport customers.	NA
8.	Trans. Mcf	W/P F	Not applicable – reserved for future use.	NA
9.	Sales Mcf	Calculated	(7-8). Mcf delivered for sales customers.	W/Ps E & H

GAS COST ALLOCATIONS NARRATIVE

E. Allocation of Interconnected System Mcf Delivered For Sales

#	Column	Source	Description	Destination
1.	Description	Supplier Invoice	Identifies the supplier and rate schedule or other descriptive reference.	NA
2.	Formula Set	NA	Identifies the allocation process for this transaction. For example, costs or volumes related to TETC deliveries are prefixed with TETC. Commodity transactions are suffixed with C. Demand costs are suffixed with D.	NA
3.	Alloc. Factor	W/P I	Identifies the set of allocation factors applied to this transaction.	NA
4.	AR-Piggott Mcf	Calculated. Sales Mcf (W/P D) Multiplied by Factor (W/P I)	If Formula Set = TETC-C then Amount = Sales Mcf multiplied by Interconn. Mcf - Sta. 110 - TETC factor (from W/P I). If Formula Set = PIGG-C then Amount = Sales Mcf.	NA
5.	AR-Other Mcf	Calculated. Sales Mcf (W/P D) Multiplied by Factor (W/P I)	If Formula Set = TETC-C then Amount = Sales Mcf multiplied by Interconn. Mcf - Ark. ex. Sta. 110 - TETC factor (from W/P I). If Formula Set = COLE-C, LNG-C or AWP-C then Amount = Sales Mcf multiplied by Interconn. Ark. Ex. Sta. 110 - Other factor (from W/P I).	NA
6.	AR-Total Mcf	Calculated.	4+5	NA
7.	SEMO No. Mcf	Calculated. Sales Mcf (W/P D) Multiplied by Factor (W/P I)	If Formula Set = TETC-C then Amount = Sales Mcf multiplied by Interconn. Mcf - Northern - TETC factor (from W/P I). If Formula Set = COLE-C, LNG-C, or AWP-C then Amount = Sales Mcf multiplied by Interconn. Northern - Other factor (from W/P I).	NA
8.	SEMO So. Mcf	Calculated. Sales Mcf (W/P D) Multiplied by Factor (W/P I)	If Formula Set = TETC-C then Amount = Sales Mcf multiplied by Interconn. Mcf - Southern - TETC factor (from W/P I). If Formula Set = COLE-C, LNG-C, or AWP-C then Amount = Sales Mcf multiplied by Interconn. Southern - Other factor (from W/P I).	NA
9.	SEMO Tot. Mcf	Calculated.	7+8	W/P H (SEECO only).

GAS COST ALLOCATIONS NARRATIVE

F. Transportation Costs

This workpaper accumulated MMBtu, Mcf, and costs billed to the transport customers by supplier. These accumulations were deducted from the volumes and costs on W/P's A and D to arrive at amounts assigned to sales customers. There were no transport customers requiring this accumulation for the 98 – 99 ACA year, therefore this workpaper was discontinued.

G. Analysis of Volumes

The workpapers are similar for each supplier. Part 1 lists the deliveries in MMBtu and Mcf by delivery point. Part 2 lists the source of deliveries. The deliveries by source are posted to W/P D.

H. AWG Gathering and Transmission Charge

SEECO volumes delivered for Arkansas and Missouri customers are subject to a gathering and transmission charge. This charge represents a cost incurred by ANG for use of Arkansas Western Gas Company facilities used for gathering and transmission of SEECO volumes. The charge is based on the volumes purchased from SEECO. Therefore, the deliveries allocated to Arkansas and Missouri sales customers (see W/Ps D & E) are increased by the applicable transporters' loss rates in arriving at the purchased volume. The amount, resulting from applying the gathering and transmission rate to the purchased volumes, is posted to workpaper A.

GAS COST ALLOCATIONS NARRATIVE

I. Allocation Factors

On Schedule I, volumes required to calculate the commodity and transition cost allocation factors are shown first followed by the allocation factors. In the following tables the calculation of these factors is described.

INTERCONNECTED COMMODITY \$ - TETC

Factor	Calculation
Sta. 110	Sta. 110 Deliveries - MMBtu / TETC Deliveries For Sales - MMBtu Example: 18,199 / 302,214 = .06021892
Northern	(1 - Sta. 110 Factor) multiplied by SEMO - I/C Northern Ccf / Total Interconnected Ccf Example: (1 - .06021892) X 2,427,803 / 7,279,750 = .3134182
Southern	(1 - Sta. 110 Factor) X SEMO I/C Southern Ccf / Total Interconnected Ccf
Ark. ex Sta. 110 - TETC	(1 - Sta. 110 Factor) X Arkansas I/C Ccf / Total Interconnected Ccf

INTERCONNECTED MCF - TETC

Factor	Calculation
Sta. 110	Sta. 110 Del. - Mcf / TETC Del. for Sales Mcf Example: 17,678 / 293,671 = .06019661
Northern	(1 - Sta. 110 Factor) X SEMO - I/C Northern Ccf / Total Interconnected Ccf Example: (1 - .06019661) X 2,427,803 / 7,379,750 = .31342526
Southern	(1 - Sta. 110 Factor) X SEMO - I/C Southern Ccf / Total Interconnected Ccf
Ark. ex Sta. 110 - TETC	(1 - Sta. 110 Factor) X Arkansas I/C Ccf / Total Interconnected Ccf

INTERCONNECTED COMM. \$ & MCF - OTHER

Factor	Calculation
Northern	SEMO - I/C Northern Ccf / Total Interconnected Ccf Example: 2,427,803 / 7,279,750 = .33350088
Southern	SEMO - I/C Southern Ccf / Total Interconnected Ccf
Ark. ex Sta. 110 - TETC	Arkansas I/C Ccf / Total Interconnected Ccf

GAS COST ALLOCATIONS NARRATIVE

INTERCONNECTED ALLOCATION FACTORS - TRANSITION COSTS

Factor	Calculation
Arkansas Sales Factor - Expected	Arkansas Sales Ccf - Expected / (Arkansas Sales Ccf - Expected + SEMO Northern Sales Ccf - Expected + SEMO Southern Sales Ccf Expected) Example: $27,142,385 / (27,142,385 + 18,189,537 + 14,551,989) = 45.33\%$
Arkansas Total Factor - Expected	(Arkansas Sales Ccf - Expected + Arkansas Transport Ccf - Expected) / (Total of Arkansas and Semo Sales and Transport. Ccf - Expected) Example: $(27,142,385 + 11,451,659) / (27,142,385 + 11,451,659 + 18,189,537 + 14,117,546 + 14,551,989 + 3,504,693) = 43.38\%$
SEMO Northern Sales Factor - Expected	SEMO Northern Sales Ccf - Expected / (Arkansas Sales Ccf - Expected + SEMO Northern Sales Ccf - Expected + SEMO Southern Sales Ccf - Expected) Example: $18,189,537 / (27,142,385 + 18,189,537 + 14,551,989) = 30.37\%$
SEMO Northern Total Factor - Expected	(SEMO Northern Sales Ccf - Expected + SEMO Northern Transport. Ccf - Expected) / (Total of Arkansas and SEMO Sales and Transport. Ccf Expected) Example: $(18,189,537 + 14,117,546) / (27,142,385 + 11,451,659 + 18,189,537 + 14,117,546 + 14,551,989 + 3,504,693) = 36.32\%$
SEMO Southern Sales Factor - Expected	SEMO Southern Sales Ccf - Expected / (Arkansas Sales Ccf - Expected + SEMO Northern Sales Ccf - Expected + SEMO Southern Sales Ccf - Expected) Example: $14,551,989 / (27,142,385 + 18,189,537 + 14,551,989) = 24.30\%$
SEMO Southern Total Factor - Expected	(SEMO Southern Sales Ccf - Expected + SEMO Southern Transport. Ccf - Expected) / Total of Arkansas and SEMO Sales and Transport Ccf - Expected Example: $(14,551,989 + 3,504,693) / (27,142,385 + 11,451,659 + 18,189,537 + 14,117,546 + 14,551,989 + 3,504,693) = 20.30\%$

ARKANSAS DISTRICT ALLOCATION FACTORS - TRANSITION COSTS

Factor	Calculation
Ark. Dist. Sales Factor - Expected	Arkansas Sales Ccf - Expected / (Arkansas Sales Ccf - Expected + Arkansas Transport Ccf - Expected) Example: $27,142,385 / (27,142,385 + 11,451,659) = 70.33\%$
Ark. Dist. Transp. Factor - Expected	Arkansas Transport Ccf - Expected / (Arkansas Sales Ccf - Expected + Arkansas Transport Ccf - Expected) Example: $11,451,659 / (27,142,385 + 11,451,659) = 29.67\%$

Demand Class Allocation Factors

Interconnected jurisdictional demand allocation factors are from the Demand Study Update contained in the previous ACA filing.

The Arkansas District demand class allocation factors are from the Associated Natural Gas tariff sheet No. 17.

The Missouri class demand allocation factors for each supply area are from part VI of

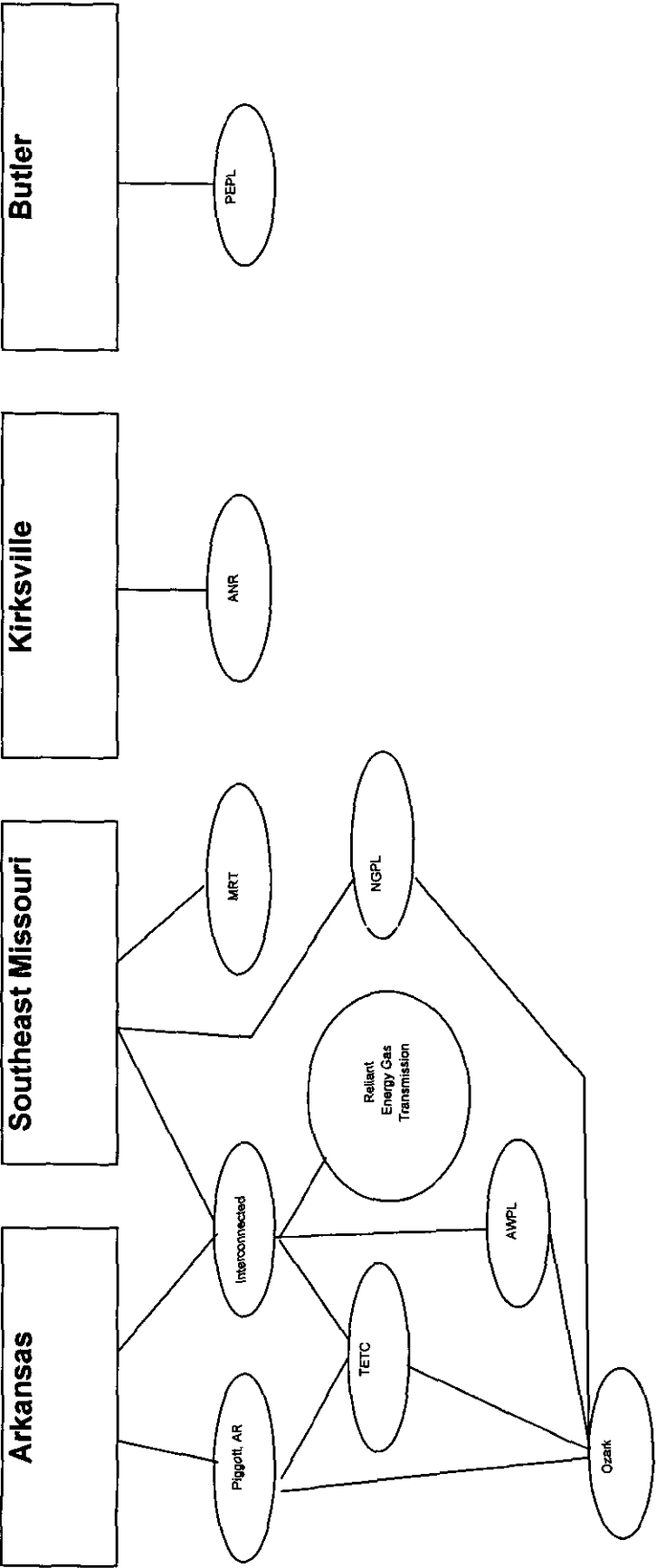
GAS COST ALLOCATIONS NARRATIVE

the 1997/1998 ACA Filing.

AWG G & T Allocation Factors

The AWG G & T allocation factors are calculated by dividing Northern System and Southern System Ccf sales by the total Ccf sales for the Northern and Southern systems.

**Associated Natural Gas Company
Pipeline Connections by District**



Associated Natural Gas Company Gas Cost Allocations March 1989 Actual										
Description	Formula Set	Alloc. Factor	Invoice Code	Invoice	Gas Trnght.	Stor. Inj./MWD	Instalence	MO Trans. Cost	Take-or-Pay	Bill. For Alloc.
TETC SS-1 400184 Injection	TETC-C	Current	TE-1	221.45		221.45				0.00
TETC SS-1 400184 Withdrawal	TETC-C	Current	TE-2	8,501.68						8,501.68
TETC SS-1 400184 Withdrawal Cost	TETC-C	Current	TE-4	(441,689.03)		(441,689.03)				441,689.03
TETC SS-1 400184 Reservation	TETC-D	Current	TE-5	105,969.38						105,969.38
TETC SS-1 400184 Res. - St. Strch. Cr.	TETC-D	Current	TE-6	(23,734.70)						(23,734.70)
TETC SS-1 400184 Space	TETC-D	Current	TE-7	14,064.16						14,064.16
TETC CDS Comm. - Seeco/Ozark - M1	TETC-C	Current	TE-8	5,837.25		0.00				5,837.25
TETC CDS Comm. - Aquila	TETC-C	Current	TE-9	0.00	0.00	0.00				0.00
TETC CDS Reservation	TETC-D	Current	TE-13	46,864.77						46,864.77
TETC CDS Capacity Release Credit	TETC-D	Current	TE-13A	(1,395.29)						(1,395.29)
TETC Cashout	TETC-C	Current	TE-14	2,892.34						2,892.34
TETC Upstream Transition Costs	TETC-TT	Exp. Annual Cdr	TE-15	41,121.81				1,637.64		41,121.81
Interconn. Aquila Energy - Demand	TETC-D	Current	AE-3	(3,501.33)						(3,501.33)
Interconn. Aquila Energy - Transport Cap. Rel.	TETC-D	Current	AE-7	1,863.08	0.00	502.38				1,863.08
Interconn. Aquila Energy - Transport Commodity	TETC-D	Current	AE-8	109,853.88						109,853.88
Interconn. Aquila Energy - Transport Demand	TETC-D	Current	AE-9	40,948.88						40,948.88
Interconn. Aquila Energy - Commodity	TETC-C	Current	AE-4	0.00	0.00	10,932.48				0.00
PG & E - Demand	TETC-D	Current	PG-2	0.00						0.00
PG & E - Commodity	TETC-C	Current	PG-1	0.00						0.00
SEECO => Ozark => TETC	TETC-C	Current	SE-1	175,340.88		0.00	0.00			175,340.88
Ozark Demand TETCO	TETC-D	Current	NO-1	35,228.00		0.00				35,228.00
AWG - Ozark/TETC Trans. Gain - D-1	TETC-D	Current	NO-2	1,773.42		0.00				1,773.42
AWG - Ozark/TETC Trans. Gain - D-2	TETC-D	Current	NS-1	0.00						0.00
SEECO => Ozark @ Piggoit	PIGG-C	Current	SE-2	47,589.44			87.08			47,589.36
SEECO => Ozark @ Piggoit Price Cap Fee	PIGG-D	Price Cap	SE-2B	7,045.60	0.00					7,045.60
Ozark Demand ANG @ Piggoit	PIGG-D	Current	NO-3	481.52						481.52
Ozark Comm. ANG @ Piggoit	PIGG-D	Current	NO-4	0.00						0.00
AWG - Ozark/Piggoit Trans. Gain - D-1	PIGG-D	Current	NS-3	0.00						0.00
AWG - Ozark/Piggoit Trans. Gain - D-2	COLE-D	Current	AE-10	7,750.00						7,750.00
Interconn. Aquila Energy - Demand - RELIANT	COLE-C	Current	AE-11	55,279.70			(189.44)			55,468.14
Reliant Energy Services - FT Reserv. 1002228	COLE-D	Current	NT-1	24,819.75						24,819.75
Reliant Energy Services - FT Comm. 1002228	COLE-C	Current	NT-2	1,092.00						1,092.00
NorAm Gas Trans. - FT Reserv. 1001809	COLE-D	Current	NT-3	0.00						0.00
NorAm Gas Trans. - FT Comm. 1001809	COLE-C	Current	NT-4	0.00						0.00
SEECO/Ozark/ANPL - System Supply	AWP-C	Current	SE-3	593,698.56		0.00	(22,976.26)			616,675.82
SEECO - Price Cap Fee	AWP-D	Current	SE-3A	85,982.90						85,982.90
Interconn. Aquila Energy/Ozark - Sys. Supply	AWP-C	Current	SE-3B	0.00						0.00
Ozark Demand AWP	AWP-D	Current	SM-2	0.00						0.00
Ozark Comm. AWP	AWP-D	Current	SM-3	162,048.80	0.00	0.00				162,048.80
Ozark Comm. - IT - System Supply	AWP-D	Current	NO-5	8,004.50	0.00					8,004.50
AWG - Ozark/AMP Trans. Gain - D-1	AWP-D	Current	NO-8	0.00						0.00
AWG - Ozark/AMP Trans. Gain - D-2	AWP-D	Current	NO-9	0.00						0.00
AW Pipeline FT Demand	AWP-D	Current	NS-6	27,128.50	0.00	0.00				27,128.50
AW Pipeline FT Commodity	AWP-C	Current	AW-1	857.77	0.00	0.00				857.77
AW Pipeline IT Commodity	AWP-C	Current	AW-2	0.00						0.00
LNG Storage Injection (volumes only)	LNG-C	Current	AW-3	98,033.97		(11,028.69)				11,028.69
LNG Storage Withdrawal	LNG-C	Current		0.00		0.00				0.00
AWG Gathering & Transmission - Ar.	AWGIC-C	Current		111,044.12						111,044.12
AWG Gathering & Transmission - Mo.	AWGIC-C	Current		0.00						0.00

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Description	Formula Ref	Alloc. Factor	Invoice Code	Invoice	Gas Transp.	Stor. In/(W/D)	Imbalance	MO Trans. Cost	Take-or-Pay	Sal. For Alloc.
AQUILA Energy Trading Corp. Demand	NGPL-D	Current AE-1		19,573.25	0.00	2,589.80				19,573.25
AQUILA Energy Trading Corp. Commodity	NGPL-C	Current AE-2		127,709.25	0.00					125,119.45
NGPL FTS #110787 Reservation	NGPL-D	Current NG-1		43,440.43	0.00	39.47				43,440.43
NGPL FTS #110787 Comm. to Cent. Pl	NGPL-C	Current NG-2		1,891.01	0.00	0.00				1,851.54
NGPL FTS #110787 Comm. to Storage	NGPL-C	Current NG-3		0.00	0.00	0.00				0.00
NGPL FTS #110787 Comm. Stor. to Cent. Pl	NGPL-C	Current NG-4		110.76	0.00	0.00				110.76
NGPL FTS #110787 Capacity Release Credit	NGPL-D	Current NG-4A								0.00
NGPL FTS #110789 Reservation	NGPL-D	Current NG-5		25,498.90						25,498.90
NGPL FTS #110789 Comm. to Cent. Pl	NGPL-C	Current NG-6		65.63		0.00				65.63
NGPL FTS #110789 Comm. to Storage	NGPL-C	Current NG-7		0.00						0.00
NGPL FTS #110789 Comm. Stor. to Cent. Pl	NGPL-C	Current NG-8		345.82						345.82
NGPL FTS #110789 Capacity Release Credit	NGPL-D	Current NG-8A		0.00						0.00
NGPL FTS #100072 Comm. to NGPL Cent. Pl	NGPL-C	Current NG-9		0.00	0.00					0.00
NGPL FTS #100072 Comm. to Storage	NGPL-C	Current NG-10		14,599.00	0.00					14,599.00
NGPL FTS #100072 Reservation	NGPL-D	Current NG-11		14,712.71						14,712.71
NGPL FTS #100072 Capacity Release Credit	NGPL-D	Current NG-11A								0.00
NGPL DSS #110648 Reservation	NGPL-D	Current NG-12		207.70		0.00				48,271.42
NGPL DSS #110648 Injection	NGPL-C	Current NG-13		4,144.50		(48,063.72)				0.00
NGPL DSS #110648 Withdrawal	NGPL-C	Current NG-14		0.00						0.00
NGPL NSS #110507 Reservation	NGPL-D	Current NG-15		0.00		0.00				4,144.50
NGPL NSS #110507 Injection	NGPL-C	Current NG-16		0.00						0.00
NGPL NSS #110507 Withdrawal	NGPL-C	Current NG-17		0.00		(38,054.26)				38,054.26
NGPL Cashout	NGPL-C	Current NG-18		0.00						0.00
NGPL Great Lakes Surcharge	NGPL-D	Current NG-18A						0.00		0.00
NGPL GSR	NGPL-TA	Exp. Annual Cdr NG-19								0.00
NGPL POA Overrun	NGPL-C	Current NG-20								0.00
NGPL POA Balancing	NGPL-C	Current NG-21		0.00						0.00
SEECO - Ozark/NGPL - System Supply	NGPL-C	Current SE-9		5,887.10			0.00			5,887.10
SEECO - Reservation	NGPL-D	Current SE-9A								0.00
SEECO - Price Cap Fee	NGPL-C	Price Cap SE-9B		14,091.20	0.00					14,091.20
Ozark Demand NGPL	NGPL-D	Current NO-7		0.00	0.00					0.00
Ozark Commodity NGPL	NGPL-C	Current NO-8								0.00
AWG - Ozark/NGPL Trans. Gain - D-1	NGPL-D	Current NS-7		41.07						41.07
AWG - Ozark/NGPL Trans. Gain - D-2	NGPL-D	Current NS-8		6,735.44						6,735.44
AWG Gathering & Transmission	NGPL-G&T	Current MR-1		31,498.42		0.00				31,498.42
MRTM - MRTM Resery.	MRTC-D	Current MR-2		10,327.40						10,327.40
MRTM - MRTM Comm.	MRTC-C	Current MR-6		1,589.20						1,589.20
MRTM - MRT SCT Commodity (#450 C)	MRTC-D	Current MR-7		1,854.49						1,854.49
MRTM - FSS Deliverability	MRTC-D	Current MR-8		0.00		0.00				0.00
MRTM - FSS Capacity	MRTC-D	Current MR-9		54.82		(33,771.04)				33,825.86
MRTM - FSS Injections	MRTC-C	Current MR-10		0.00						0.00
MRTM - FSS Withdrawals	MRTC-C	Current MR-13		0.00						0.00
MRTM - MRT FTS Reservation (#1024 F)	MRTC-D	Current MR-14		1,883.98		0.00				1,883.98
MRTM - MRT FTS Commodity (#1024 F)	MRTC-C	Current MR-15		(470.00)						(470.00)
MRTM - MRT FTS Reservation (#973 F)	MRTC-D	Current MR-15A		160.70		0.00				160.70
MRTM - Credit per Article II of R996-199	MRTC-D	Current MR-16		2,006.40						2,006.40
MRTM - MRT FTS Commodity (#973 F)	MRTC-C	Current MR-17		26.48		0.00				26.48
MRTM - NORAM Gas Tran. FT Commodity	MRTC-D	Current MR-18		0.00						0.00
MRTM - Trunkline FTS Demand	MRTC-D	Current MR-19		0.00						0.00
MRTM - Storage Property Tax	MRTC-C	Current MR-20								0.00
MRTM - MRTM Agency Fee	MRTC-C	Current MR-21								0.00
MRTM - MRTC IT Revenue Credit	MRTC-C	Current MR-22		0.00				0.00		0.00
MRTM - Account 191 Costs	MRTC-TA	Exp. Annual Cdr MR-22A								0.00
MRTM - Cash Out	MRTC-C	Current MR-23								0.00

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Description	Formula Set	Alloc. Factor	Invoice Code	Invoice	Gas Transp.	Stor. Inj. (NWD)	Imbalances	MO Trans. Cost	Take-or-Pay	Ball For Alloc.
Amoco - Commodity	KIRK-C	Current	AM-3	123,113.12	0.00	9,069.89				114,043.23
Amoco - Reservation	KIRK-D	Current	AM-4	8,747.27						8,747.27
Aquila Energy - Reservation	KIRK-D	Current	AE-12	0.00						0.00
Amoco - Price Cap	KIRK-C	Current	AM-5	9,375.00						9,375.00
ANR NNS Reservation	KIRK-D	Current	AN-4	188.41						188.41
ANR NNS Commodity	KIRK-C	Current	AN-5							0.00
ANR GF-1 Reservation (Cont. # 50001)	KIRK-C	Current	AN-6							0.00
ANR GF-1 Commodity (Cont. #50001)	KIRK-C	Current	AN-7							0.00
ANR GF-1 Reservation (Cont. #68450)	KIRK-D	Current	AN-8							0.00
ANR GF-1 Commodity (Cont. #68450)	KIRK-C	Current	AN-9							0.00
ANR ETS Reservation (Cont. #00001)	KIRK-C	Current	AN-10	33,429.55	0.00					33,429.55
ANR ETS Commodity (Cont. #00001)	KIRK-C	Current	AN-11	1,820.07	0.00	134.09				1,885.98
ANR ETS Reservation (Cont. #00050)	KIRK-D	Current	AN-12	25,182.85						25,182.85
ANR ETS Commodity (Cont. #00050)	KIRK-C	Current	AN-13	329.58		0.00				329.58
ANR ETS Comm. From Stor. (Cont. #00050)	KIRK-C	Current	AN-14	52.02		52.02				0.00
ANR FSS Deliverability Reserv (30000)	KIRK-D	Current	AN-15	9,572.15						9,572.15
ANR FSS Capacity Reservatn (30000)	KIRK-C	Current	AN-16	8,511.80						8,511.80
ANR FSS Storage - Withdrawal (30000)	KIRK-C	Current	AN-17	443.55		(76,759.83)				77,203.38
ANR FSS Deliverability Reserv (32250)	KIRK-D	Current	AN-18	68.21		68.21				0.00
ANR FSS Capacity Reservatn (32250)	KIRK-C	Current	AN-19	10,025.80						10,025.80
ANR FSS Storage - Withdrawal (32250)	KIRK-C	Current	AN-20	6,428.80						6,428.80
ANR FSS Storage - Injection (32250)	KIRK-D	Current	AN-21	357.41		(62,945.82)				63,303.23
ANR FTS-1 Reservation	KIRK-C	Current	AN-22	0.00		0.00				0.00
ANR FTS-1 Commodity	KIRK-C	Current	AN-23	22,545.40						22,545.40
ANR Cashout	KIRK-C	Current	AN-24	265.52						265.52
ANR Account 191 Costs	KIRK-TS	Exp. Annual Cof	AN-25			0.00				0.00
ANR Account 858 Costs	KIRK-TA	Exp. Annual Cof	AN-27							0.00
ANR Take-or-Pay	KIRK-NA	Current	AN-28						0.00	0.00
Aquila Energy - Reservation	BTLR-D	Current	AE-5	13,578.00	0.00					13,578.00
Aquila Energy - Price Cap Fee	BTLR-C	Current	AE-6	44,597.67						44,597.67
PHE SCT - Transportation	BTLR-C	Price Cap	AE-7							0.00
PHE IOS - Deliverability	BTLR-D	Current	PE-1	25,394.24	0.00					25,394.24
PHE IOS - Capacity	BTLR-C	Current	PE-2	6,700.00						6,700.00
PHE IOS - Injection	BTLR-D	Current	PE-3	6,713.47						6,713.47
PHE IOS - Withdrawal Cost	BTLR-C	Current	PE-4	0.00		0.00				0.00
PHE IOS - Withdrawal	BTLR-C	Current	PE-5	98.09						98.09
PHE Direct Billing	BTLR-TS	Current	PE-6	0.00		(72,222.88)				72,222.88
PHE Take-or-Pay	BTLR-NA	Exp. Annual Cof	PE-7A					0.00		0.00
Total				2,473,267.03	0.00	(758,925.50)	(23,099.62)	1,637.64	0.00	3,253,854.51
Total Excluding AWG Gath. & Trans.				2,264,147.87	0.00	(758,925.50)	(23,099.62)	1,637.64	0.00	3,044,535.35
Summary:										
Interconnected				1,790,171.79	0.00	(441,081.43)	(23,099.62)	1,837.64	0.00	2,252,895.20
NGPL				272,316.33	0.00	(91,488.71)	0.00	0.00	0.00	353,805.04
MRT				55,245.33	0.00	(33,771.04)	0.00	0.00	0.00	89,016.37
Kirkville				258,454.11	0.00	(130,381.44)	0.00	0.00	0.00	388,835.55
Butler				97,079.47	0.00	(72,222.88)	0.00	0.00	0.00	169,302.35
Total				2,473,267.03	0.00	(758,925.50)	(23,099.62)	1,637.64	0.00	3,253,854.51
Total Excluding AWG Gath. & Trans.				2,264,147.87	0.00	(758,925.50)	(23,099.62)	1,637.64	0.00	3,044,535.35

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Description	Formula Set	Alloc. Factor	AR-Piggoth \$	AR-Other \$	AR-Total \$	SEMO No. \$	SEMO Su. \$	SEMO Tot. \$	AR Dem. \$	SEMO Dem. \$
TETC SS-1 400184 Injection	TETC-C	Current	0.00	0.00	0.00	0.00	0.00	0.00		
TETC SS-1 400184 Withdrawal	TETC-C	Current	511.98	3,289.21	3,811.17	2,664.58	2,025.93	4,890.51		
TETC SS-1 400184 Withdrawal Cost	TETC-C	Current	28,598.04	171,404.14	198,002.18	138,433.21	105,253.64	243,686.85	43,171.93	62,797.45
TETC SS-1 400184 Reservation	TETC-C	Current							(9,869.52)	(14,065.18)
TETC SS-1 400184 Res. - St. Str. Cr.	TETC-D	Current							5,729.74	8,334.42
TETC SS-1 400184 Space	TETC-D	Current								
TETC CDS Comm. - Seeco/Ozark - M1	TETC-C	Current	351.51	2,285.23	2,616.74	1,829.50	1,391.01	3,220.51	18,092.71	27,772.08
TETC CDS Comm. - Aquila	TETC-C	Current	0.00	0.00	0.00	0.00	0.00	0.00	(568.44)	(828.85)
TETC CDS Reservation	TETC-D	Current								
TETC CDS Capacity Release Credit	TETC-D	Current								
TETC Cashout	TETC-C	Current	0.00	0.00	0.00	0.00	0.00	0.00		
TETC Upstream Transition Costs	TETC-TT	Exp. Annual Cdf	0.00	1,254.70	1,254.70					
Interconn. Aquila Energy - Demand	TETC-D	Current								
Interconn. Aquila Energy - Transport Cap. Rel.	TETC-D	Current								
Interconn. Aquila Energy - Transport Commodity	TETC-C	Current	83.15	535.81	618.96	432.74	329.02	761.76	16,753.03	24,368.78
Interconn. Aquila Energy - Commodity	TETC-D	Current							(1,428.44)	(2,074.89)
Interconn. Aquila Energy - Demand	TETC-C	Current	1,807.43	11,647.54	13,454.97	9,407.05	7,152.38	16,559.43	44,754.47	85,089.41
PG & E - Demand	TETC-C	Current	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PG & E - Commodity	TETC-D	Current	10,558.84	88,043.88	78,602.53	54,954.98	41,783.39	98,738.35	14,351.89	20,878.11
SEECO => Ozark => TETC	TETC-C	Current								
Ozark Demand TETCO	TETC-D	Current	106.79	888.20	794.99	555.82	422.81	978.43	0.00	0.00
Ozark Commodity TETCO	TETC-D	Current							0.00	0.00
AWG - Ozark/TETC Trans. Gain - D-1	TETC-D	Current							0.00	0.00
AWG - Ozark/TETC Trans. Gain - D-2	TETC-D	Current							0.00	0.00
SEECO => Ozark @ Piggoth	PIGG-C	Price Cap	47,588.38	0.00	47,588.38	0.00	0.00	0.00	2,870.38	4,175.22
SEECO => Ozark @ Piggoth Price Cap Fee	PIGG-C	Current	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ozark Demand ANG @ Piggoth	PIGG-D	Current	481.52	0.00	481.52	0.00	0.00	0.00	0.00	0.00
Ozark Comm. ANG @ Piggoth	PIGG-C	Current							0.00	0.00
AWG - Ozark/Piggoth Trans. Gain - D-1	PIGG-D	Current							0.00	0.00
AWG - Ozark/Piggoth Trans. Gain - D-2	PIGG-D	Current							0.00	0.00
Interconn. Aquila Energy - Demand - RELIANT	COLE-D	Current							3,157.35	4,582.85
Interconn. Aquila Energy - Commodity - RELIANT	COLE-D	Current							10,111.57	14,708.18
Reliant Energy Services - FT Reserv. 1002228	COLE-D	Current	0.00	22,804.54	22,804.54	18,488.97	14,064.93	32,563.60	0.00	0.00
Reliant Energy Services - FT Comm. 1002228	COLE-D	Current	0.00	450.82	450.82	384.18	278.90	641.08	0.00	0.00
NorAm Gas Trans. - FT Reserv. 1001809	COLE-C	Current	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NorAm Gas Trans. - FT Comm. 1001808	COLE-C	Current	0.00	254,645.27	254,645.27	205,862.28	158,389.28	362,031.55	34,778.85	50,588.05
SEECO/Ozark/AWPL - System Supply	AWP-C	Current							0.00	0.00
SEECO - Reservation Charge	AWP-D	Price Cap	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEECO - Price Cap Fee	AWP-C	Current	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Interconn. Aquila Energy/Ozark - Sys. Supply	AWP-D	Current							0.00	0.00
Interconn. Aquila Energy/Ozark Demand	AWP-C	Current							0.00	0.00
Ozark Demand AWP	AWP-D	Current							0.00	0.00
Ozark Comm. AWP	AWP-C	Current							0.00	0.00
Ozark Comm. - IT - System Supply	AWP-C	Current							0.00	0.00
AWG - Ozark/AWP Trans. Gain - D-1	AWP-D	Current							0.00	0.00
AWG - Ozark/AWP Trans. Gain - D-2	AWP-D	Current							0.00	0.00
AW Pipeline FT Demand	AWP-D	Current							0.00	0.00
AW Pipeline FT Commodity	AWP-C	Current							0.00	0.00
AW Pipeline IT Commodity	AWP-C	Current							0.00	0.00
LNG Storage Injection (volumes only)	LNG-C	Current							0.00	0.00
LNG Storage Withdrawal	LNG-C	Current							0.00	0.00
AWG Gathering & Transmission - Ar.	AWGIC-C	Current							0.00	0.00
AWG Gathering & Transmission - Mo.	AWGIC-C	Current							0.00	0.00
									11,052.15	18,076.35
									47,982.37	111,044.12

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Description	Formula Ref	Alloc. Factor	AR-Direct \$	AR-Other \$	AR-Total \$	SEMO No. \$	SEMO So. \$	SEMO Tot. \$	AR Dem. \$	SEMO Dem. \$
AQUILA Energy Trading Corp. Demand	NGPL-D	Current								
AQUILA Energy Trading Corp. Commodity	NGPL-C	Current								
NGPL FTS #110787 Reservation	NGPL-D	Current								
NGPL FTS #110787 Comm. to Cent. Pt.	NGPL-C	Current								
NGPL FTS #110787 Comm. to Storage	NGPL-C	Current								
NGPL FTS #110787 Comm. Stor. to Cent. Pt.	NGPL-C	Current								
NGPL FTS #110787 Capacity Release Credit	NGPL-D	Current								
NGPL FTS #110789 Reservation	NGPL-D	Current								
NGPL FTS #110789 Comm. to Cent. Pt.	NGPL-C	Current								
NGPL FTS #110789 Comm. to Storage	NGPL-C	Current								
NGPL FTS #110789 Comm. Stor. to Cent. Pt.	NGPL-C	Current								
NGPL FTS #110789 Capacity Release Credit	NGPL-D	Current								
NGPL FTS #100072 Comm. to NGPL Cent. Pt.	NGPL-C	Current								
NGPL FTS #100072 Comm. to Storage	NGPL-C	Current								
NGPL FTS #100072 Reservation	NGPL-D	Current								
NGPL FTS #100072 Capacity Release Credit	NGPL-D	Current								
NGPL DSS #110646 Reservation	NGPL-D	Current								
NGPL DSS #110646 Injection	NGPL-C	Current								
NGPL DSS #110646 Withdrawal	NGPL-C	Current								
NGPL DSS #110646 AOR Change	NGPL-C	Current								
NGPL NSS #110507 Reservation	NGPL-C	Current								
NGPL NSS #110507 Injection	NGPL-C	Current								
NGPL NSS #110507 Withdrawal	NGPL-C	Current								
NGPL Cashout	NGPL-C	Current								
NGPL Great Lakes Surcharge	NGPL-D	Current								
NGPL GSR	NGPL-TA	Exp. Annual Cdr								
NGPL POA Overrun	NGPL-C	Current								
NGPL POA Balancing	NGPL-C	Current								
SEECO - Ozark/NGPL - System Supply	NGPL-C	Current								
SEECO - Reservation	NGPL-D	Current								
SEECO - Price Cap Fee	NGPL-C	Price Cap								
Ozark Demand NGPL	NGPL-D	Current								
Ozark Commodity NGPL	NGPL-C	Current								
AWG - Ozark/NGPL Trans. Gain - D-1	NGPL-D	Current								
AWG - Ozark/NGPL Trans. Gain - D-2	NGPL-D	Current								
AWG Gathering & Transmission	NGPL-G&T	Current								
MRTEM - MRTEM Reserv.	MRTG-D	Current								
MRTEM - MRTEM Comm.	MRTG-C	Current								
MRTEM - MRT SCT Commodity (#450 C)	MRTG-C	Current								
MRTEM - FSS Deliverability	MRTG-D	Current								
MRTEM - FSS Capacity	MRTG-C	Current								
MRTEM - FSS Injections	MRTG-C	Current								
MRTEM - FSS Withdrawals	MRTG-C	Current								
MRTEM - MRT FTS Reservation (#1024 F)	MRTG-D	Current								
MRTEM - MRT FTS Commodity (#1024 F)	MRTG-C	Current								
MRTEM - MRT FTS Reservation (#973 F)	MRTG-D	Current								
MRTEM - MRT FTS Commodity (#973 F)	MRTG-C	Current								
MRTEM - Credit per Article II of RP98-199	MRTG-D	Current								
MRTEM - MRT FTS Commodity (#973 F)	MRTG-C	Current								
MRTEM - NORAM Gas Tran. FT Demand	MRTG-D	Current								
MRTEM - NORAM Gas Tran. FT Commodity	MRTG-C	Current								
MRTEM - Trunkline FTS Demand	MRTG-D	Current								
MRTEM - Storage Property Tax	MRTG-C	Current								
MRTEM - MRTEM Agency Fee	MRTG-C	Current								
MRTEM - MRTEM Revenue Credit	MRTG-C	Current								
MRTEM - Account 191 Costs	MRTG-TA	Exp. Annual Cdr								
MRTEM - Cash Out	MRTG-C	Current								

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Description	Formula Set	Alloc. Factor	AR-Piggyback \$	AR-Other \$	AR-Total \$	SEMO No. \$	SEMO So. \$	SEMO Tot. \$	AR Dem. \$	SEMO Dem. \$
Amoco - Commodity	KIRK-C	Current								
Amoco - Reservation	KIRK-D	Current								
Aquila Energy - Reservation	KIRK-D	Current								
Amoco - Price Cap	KIRK-C	Current								
ANR NNS Reservation	KIRK-D	Current								
ANR NNS Commodity	KIRK-C	Current								
ANR GF-1 Reservation (Cont. # 50001)	KIRK-D	Current								
ANR GF-1 Commodity (Cont. #50001)	KIRK-C	Current								
ANR GF-1 Reservation (Cont. #69450)	KIRK-D	Current								
ANR GF-1 Commodity (Cont. #69450)	KIRK-C	Current								
ANR ETS Reservation (Cont. #00001)	KIRK-D	Current								
ANR ETS Commodity (Cont. #00001)	KIRK-C	Current								
ANR ETS Reservation (Cont. #00050)	KIRK-D	Current								
ANR ETS Commodity (Cont. #00050)	KIRK-C	Current								
ANR ETS Comm. From Str. (Cont. #00050)	KIRK-C	Current								
ANR ETS Comm. to Str. (Cont. #00050)	KIRK-C	Current								
ANR FSS Deliverability Reserv (30000)	KIRK-D	Current								
ANR FSS Capacity Reservatn (30000)	KIRK-D	Current								
ANR FSS Storage - Withdrawal (30000)	KIRK-C	Current								
ANR FSS Storage - Injection (30000)	KIRK-D	Current								
ANR FSS Deliverability Reserv (32250)	KIRK-D	Current								
ANR FSS Capacity Reservatn (32250)	KIRK-D	Current								
ANR FSS Storage - Withdrawal (32250)	KIRK-C	Current								
ANR FSS Storage - Injection (32250)	KIRK-D	Current								
ANR FTS-1 Reservation	KIRK-C	Current								
ANR FTS-1 Commodity	KIRK-C	Current								
ANR Cashout	KIRK-C	Current								
ANR Account 191 Costs	KIRK-TS	Exp. Annual Cof								
ANR Account 558 Costs	KIRK-TA	Exp. Annual Cof								
ANR Take-or-Pay	KIRK-NA	Current								
Aquila Energy - Reservation	BTLR-D	Current								
Aquila Energy - Commodity	BTLR-C	Current								
Aquila Energy - Price Cap Fee	BTLR-C	Price Cap								
PHE SCT - Transportation	BTLR-C	Current								
PHE IOS - Deliverability	BTLR-D	Current								
PHE IOS - Capacity	BTLR-D	Current								
PHE IOS - Injection	BTLR-C	Current								
PHE IOS - Withdrawal Cost	BTLR-C	Current								
PHE IOS - Withdrawal	BTLR-C	Current								
PHE Direct Billing	BTLR-TS	Exp. Annual Cof								
PHE Take-or-Pay	BTLR-NA	Current								
Total			88,088.80	642,560.98	730,649.56	501,851.38	381,588.03	883,419.41	280,176.35	378,449.88
Total Excluding AWG Gath. & Trans.			88,088.80	544,528.98	632,615.58	438,769.63	333,605.66	772,375.29	260,176.35	378,449.88
Summary:										
Interconnected			88,088.80	642,560.98	730,649.56	501,851.38	381,588.03	883,419.41	280,176.35	378,449.88
NGPL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MRT			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kirkville			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Butler			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total			88,088.80	642,560.98	730,649.56	501,851.38	381,588.03	883,419.41	280,176.35	378,449.88
Total Excluding AWG Gath. & Trans.			88,088.80	544,528.98	632,615.58	438,769.63	333,605.66	772,375.29	260,176.35	378,449.88

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Description	Formula Set	Alloc. Factor	Arkansas-F's	Arkansas-T's	Arkansas-T's	SEMO-F's	SEMO-T's
TETC SS-1 400184 Injection	TETC-C	Current	0.00	0.00	0.00	0.00	0.00
TETC SS-1 400184 Withdrawal	TETC-C	Current	3,205.91	805.28	4,222.40	468.11	24,319.95
TETC SS-1 400184 Withdrawal Cost	TETC-C	Current	166,556.77	31,445.41	218,366.90	2,423.98	(542.92)
TETC SS-1 400184 Reservation	TETC-D	Current	40,008.81	3,183.12	60,373.47	8,012.71	321.41
TETC SS-1 400184 Res. - St. Strch. Cr.	TETC-D	Current	(8,981.05)	(708.47)	(19,522.26)	2,895.10	0.00
TETC SS-1 400184 Space	TETC-D	Current	5,369.83	419.81	8,012.71	0.00	1,072.00
TETC CDS Comm. - Seeco/Ozark - M1	TETC-C	Current	2,201.17	415.57	2,895.10	0.00	0.00
TETC CDS Comm. - Aquila	TETC-C	Current	0.00	0.00	0.00	0.00	0.00
TETC CDS Reservation	TETC-D	Current	17,693.83	1,398.88	26,700.06	(794.93)	(31.92)
TETC CDS Capacity Release Credit	TETC-D	Current	(526.79)	(41.65)	0.00	0.00	0.00
TETC Cashout	TETC-C	Current	742.29	140.14	0.00	0.00	0.00
TETC Upstream Transition Costs	TETC-TT	Exp. Annual Cst	15,525.57	1,227.46	23,428.15	940.63	(60.09)
Interconn. Aquila Energy - Demand	TETC-D	Current	(1,321.93)	(104.51)	(1,994.80)	76.02	2,512.84
Interconn. Aquila Energy - Transport Cap. Rel.	TETC-D	Current	520.66	98.30	665.74	14,906.80	1,652.83
Interconn. Aquila Energy - Transport Commodity	TETC-C	Current	41,475.40	3,279.07	82,586.57	0.00	0.00
Interconn. Aquila Energy - Transport Demand	TETC-D	Current	11,318.14	2,138.83	14,906.80	0.00	0.00
Interconn. Aquila Energy - Commodity	TETC-D	Current	0.00	0.00	0.00	0.00	0.00
PG & E - Demand	TETC-C	Current	0.00	0.00	0.00	0.00	0.00
SEECO => Ozark => TETC	TETC-C	Current	86,119.39	12,483.14	87,083.86	805.82	97.85
Ozark Demand TETCO	TETC-D	Current	13,300.36	1,051.53	20,070.29	890.78	0.00
Ozark Commodity TETCO	TETC-C	Current	668.73	126.26	0.00	0.00	0.00
AWG - Ozark/TETC Trans. Gain - D-1	TETC-D	Current	0.00	0.00	0.00	0.00	0.00
AWG - Ozark/TETC Trans. Gain - D-2	TETC-D	Current	0.00	0.00	0.00	0.00	0.00
SEECO => Ozark @ Piggoit	PIGG-C	Current	40,031.53	7,557.83	0.00	0.00	0.00
SEECO => Ozark @ Piggoit Price Cap Fee	PIGG-C	Price Cap	0.00	0.00	0.00	161.16	0.00
Ozark Demand ANG @ Piggoit	PIGG-D	Current	2,660.07	210.31	4,014.06	0.00	0.00
Ozark Comm. ANG @ Piggoit	PIGG-C	Current	405.05	78.47	0.00	0.00	0.00
AWG - Ozark/Piggoit Trans. Gain - D-1	PIGG-D	Current	0.00	0.00	0.00	0.00	0.00
AWG - Ozark/Piggoit Trans. Gain - D-2	PIGG-D	Current	0.00	0.00	0.00	0.00	0.00
Interconn. Aquila Energy - Demand - RELIANT	COLE-D	Current	2,928.02	231.33	4,415.37	177.28	3,249.85
Interconn. Aquila Energy - Commodity - RELIANT	COLE-C	Current	19,298.99	3,637.55	29,313.75	567.74	63.98
Reliant Energy Services - FT Reserv. 1002228	COLE-D	Current	9,370.72	740.85	14,140.44	0.00	0.00
Reliant Energy Services - FT Reserv. 1002228	COLE-C	Current	379.31	71.61	577.10	0.00	0.00
NorAm Gas Trans. - FT Reserv. 1001609	COLE-D	Current	0.00	0.00	0.00	0.00	0.00
NorAm Gas Trans. - FT Reserv. 1001609	COLE-C	Current	0.00	0.00	0.00	0.00	0.00
SEECO/Ozark/AWPL - System Supply	AWP-C	Current	214,204.18	40,441.09	325,900.80	38,130.75	1,952.62
SEECO - Price Cap Fee	AWP-D	Price Cap	32,228.82	2,548.03	48,833.43	0.00	0.00
Interconn. Aquila Energy/Ozark - Sys. Supply	AWP-C	Current	0.00	0.00	0.00	0.00	0.00
Ozark Demand AWP	AWP-D	Current	81,181.62	4,837.08	92,323.36	3,708.78	351.80
Ozark Comm. AWP	AWP-C	Current	2,085.68	383.77	3,173.25	0.00	0.00
Ozark Comm. - IT - System Supply	AWP-C	Current	0.00	0.00	0.00	0.00	0.00
AWG - Ozark/AWP Trans. Gain - D-1	AWP-D	Current	0.00	0.00	0.00	0.00	0.00
AWG - Ozark/AWP Trans. Gain - D-2	AWP-D	Current	0.00	0.00	0.00	0.00	0.00
AW Pipeline FT Commodity	AWP-C	Current	10,242.38	808.77	15,455.80	620.55	50.26
AW Pipeline IT Commodity	AWP-C	Current	287.95	58.25	453.31	0.00	0.00
LNG Storage Injection (volumes only)	LNG-C	Current	0.00	0.00	0.00	0.00	0.00
LNG Storage Withdrawal	LNG-C	Current	3,930.84	723.25	5,828.43	0.00	0.00
AWG Gathering & Transmission - Ar.	AWGIC-C	Current	82,464.88	15,569.11	98,981.92	11,082.20	0.00
AWG Gathering & Transmission - Mo.	AWGIC-C	Current	0.00	0.00	0.00	0.00	0.00

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Description	Formula Set	Alloc Factor	Arkansas-2 \$	Arkansas-1 \$	Arkansas-T \$	SEMO-F \$	SEMO-C \$	SEMO-T \$
AQUILA Energy Trading Corp. Demand	NGPL-D	Current				18,177.88	1,395.57	
AQUILA Energy Trading Corp. Commodity	NGPL-C	Current				112,632.53	12,486.92	
NGPL FTS #110787 Reservation	NGPL-D	Current				40,343.13	3,097.30	
NGPL FTS #110787 Comm. to Cent. Pt.	NGPL-C	Current				1,866.76	184.78	
NGPL FTS #110787 Comm. to Storage	NGPL-C	Current				0.00	0.00	
NGPL FTS #110787 Comm. Stor. to Cent. Pt.	NGPL-D	Current				99.71	11.05	
NGPL FTS #110787 Capacity Release Credit	NGPL-D	Current				0.00	0.00	
NGPL FTS #110787 Reservation	NGPL-D	Current				23,678.97	1,817.93	
NGPL FTS #110759 Comm. to Cent. Pt.	NGPL-C	Current				59.08	6.55	
NGPL FTS #110759 Comm. to Storage	NGPL-C	Current				0.00	0.00	
NGPL FTS #110759 Comm. Stor. to Cent. Pt.	NGPL-D	Current				311.31	34.51	
NGPL FTS #110759 Capacity Release Credit	NGPL-D	Current				0.00	0.00	
NGPL FTS #100072 Comm. to NGPL Cent. Pt.	NGPL-C	Current				0.00	0.00	
NGPL FTS #100072 Reservation	NGPL-D	Current				0.00	0.00	
NGPL FTS #100072 Capacity Release Credit	NGPL-D	Current				13,558.09	1,040.91	
NGPL DSS #110846 Reservation	NGPL-D	Current				0.00	0.00	
NGPL DSS #110846 Injection	NGPL-C	Current				13,963.69	1,048.02	
NGPL DSS #110846 Withdrawal	NGPL-C	Current				41,653.53	4,617.89	
NGPL DSS #110846 AOR Change	NGPL-C	Current				0.00	0.00	
NGPL NSS #110607 Reservation	NGPL-D	Current				3,849.00	295.50	
NGPL NSS #110607 Injection	NGPL-C	Current				0.00	0.00	
NGPL NSS #110607 Withdrawal	NGPL-C	Current				34,256.44	3,797.82	
NGPL Cashout	NGPL-C	Current				0.00	0.00	
NGPL Great Lakes Surcharge	NGPL-D	Current				0.00	0.00	
NGPL GSR	NGPL-TA	Exp. Annual Cof				0.00	0.00	
NGPL POA Overrun	NGPL-C	Current				0.00	0.00	
SEECO - Ozark/NGPL - System Supply	NGPL-C	Current				0.00	0.00	
SEECO - Reservation	NGPL-D	Current				5,467.35	419.75	
SEECO - Price Cap Fee	NGPL-C	Price Cap				0.00	0.00	
Ozark Demand NGPL	NGPL-D	Current				13,086.50	1,004.70	
Ozark Commodity NGPL	NGPL-C	Current				0.00	0.00	
AWG - Ozark/NGPL Trans. Gain - D-1	NGPL-D	Current				0.00	0.00	
AWG - Ozark/NGPL Trans. Gain - D-2	NGPL-D	Current				0.00	0.00	
AWG Gathering & Transmission	NGPL-G&T	Current				36.97	4.10	
MRTM - MRTM Reserv.	MRTC-D	Current				6,583.89	151.55	
MRTM - MRTM Comm.	MRTC-C	Current				28,353.08	3,143.34	
MRTM - MRT SCT Commodity (#450 C)	MRTC-C	Current				9,298.73	1,030.87	
MRTM - FSS Deliverability	MRTC-D	Current				1,533.89	35.31	
MRTM - FSS Capacity	MRTC-D	Current				1,817.28	37.23	
MRTM - FSS Injections	MRTC-C	Current				0.00	0.00	
MRTM - FSS Withdrawals	MRTC-C	Current				30,450.04	3,375.82	
MRTM - MRT FTS Reservation (#1024 F)	MRTC-D	Current				0.00	0.00	
MRTM - MRT FTS Commodity (#1024 F)	MRTC-C	Current				0.00	0.00	
MRTM - MRT FTS Reservation (#973 F)	MRTC-D	Current				1,846.09	37.89	
MRTM - Credit per Article II of RP96-186	MRTC-D	Current				(459.43)	(10.57)	
MRTM - NORAM Gas Tran. FT Demand	MRTC-D	Current				144.68	18.04	
MRTM - NORAM Gas Tran. FT Commodity	MRTC-C	Current				1,961.26	45.14	
MRTM - Trunkline FTS Demand	MRTC-D	Current				23.84	2.84	
MRTM - Storage Property Tax	MRTC-C	Current				0.00	0.00	
MRTM - MRTM Agency Fee	MRTC-C	Current				0.00	0.00	
MRTM - MRTM Revenue Credit	MRTC-C	Current				0.00	0.00	
MRTM - Account 181 Costs	MRTC-TA	Exp. Annual Cof				0.00	0.00	
MRTM - Cash Out	MRTC-C	Current				0.00	0.00	

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Description	Formula Set	Alloc. Factor	Atmosp-1 \$	Atmosp-2 \$	Atmosp-3 \$	Atmosp-4 \$	SEMO-1 \$	SEMO-2 \$	SEMO-3 \$
Amoco - Commodity	KIRK-C	Current							
Amoco - Reservation	KIRK-D	Current							
Aquila Energy - Reservation	KIRK-D	Current							
Amoco - Price Cap	KIRK-C	Current							
ANR NNS Reservation	KIRK-D	Current							
ANR NNS Commodity	KIRK-C	Current							
ANR GF-1 Reservation (Cont. # 50001)	KIRK-D	Current							
ANR GF-1 Commodity (Cont. #50001)	KIRK-C	Current							
ANR GF-1 Reservation (Cont. #68450)	KIRK-D	Current							
ANR GF-1 Commodity (Cont. #68450)	KIRK-C	Current							
ANR ETS Reservation (Cont. #00001)	KIRK-D	Current							
ANR ETS Commodity (Cont. #00001)	KIRK-C	Current							
ANR ETS Reservation (Cont. #00050)	KIRK-D	Current							
ANR ETS Comm. From Stor. (Cont. #00050)	KIRK-C	Current							
ANR ETS Comm. to Stor. (Cont. #00050)	KIRK-D	Current							
ANR FSS Deliverability Reserv (30000)	KIRK-C	Current							
ANR FSS Capacity Reservatn (30000)	KIRK-D	Current							
ANR FSS Storage - Withdrawal (30000)	KIRK-C	Current							
ANR FSS Storage - Injection (30000)	KIRK-D	Current							
ANR FSS Deliverability Reserv (32250)	KIRK-C	Current							
ANR FSS Capacity Reservatn (32250)	KIRK-D	Current							
ANR FSS Storage - Withdrawal (32250)	KIRK-C	Current							
ANR FSS Storage - Injection (32250)	KIRK-D	Current							
ANR FTS-1 Reservation	KIRK-C	Current							
ANR FTS-1 Commodity	KIRK-D	Current							
ANR Cashout	KIRK-C	Current							
ANR Account 191 Costs	KIRK-TS	Exp. Annual Cdr							
ANR Account 658 Costs	KIRK-TA	Exp. Annual Cdr							
ANR Take-or-Pay	KIRK-NA	Current							
Aquila Energy - Reservation	BTLR-D	Current							
Aquila Energy - Commodity	BTLR-C	Price Cap							
Aquila Energy - Price Cap Fee	BTLR-C	Current							
PHE SCT - Transportation	BTLR-D	Current							
PHE IOS - Deliverability	BTLR-D	Current							
PHE IOS - Capacity	BTLR-C	Current							
PHE IOS - Injection	BTLR-C	Current							
PHE IOS - Withdrawal Cost	BTLR-C	Current							
PHE IOS - Withdrawal	BTLR-C	Current							
PHE Direct Billing	BTLR-TS	Exp. Annual Cdr							
PHE Take-or-Pay	BTLR-NA	Current							
Total			855,413.21	135,040.43	372.27	1,562,787.91	141,902.79	130,816.49	0.00
Total Excluding AWG Gath. & Trans.			772,948.35	119,471.32	372.27	1,462,789.02	130,816.49		0.00
Summary:									
Interconnected			855,413.21	135,040.43	372.27	1,559,095.86	102,773.43		0.00
NGPL			0.00	0.00	0.00	322,540.74	31,264.30		0.00
MRT			0.00	0.00	0.00	81,151.31	7,865.06		0.00
Kirksville			0.00	0.00	0.00	0.00	0.00		0.00
Butler			0.00	0.00	0.00	0.00	0.00		0.00
Total			855,413.21	135,040.43	372.27	1,562,787.91	141,902.79		0.00
Total Excluding AWG Gath. & Trans.			772,948.35	119,471.32	372.27	1,462,789.02	130,816.49		0.00

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Description	Formula Set	Alloc. Factor	Kittsville-F \$	Kittsville-I \$	Kittsville-T \$	Butler-F \$	Butler-I \$
TETC SS-1 400184 Injection	TETC-C	Current					
TETC SS-1 400184 Withdrawal	TETC-C	Current					
TETC SS-1 400184 Withdrawal Cost	TETC-C	Current					
TETC SS-1 400184 Reservation	TETC-D	Current					
TETC SS-1 400184 Res. - St. Str. Cr.	TETC-D	Current					
TETC SS-1 400184 Space	TETC-C	Current					
TETC CDS Comm. - Seeco/Ozark - M1	TETC-C	Current					
TETC CDS Comm. - Aquila	TETC-D	Current					
TETC CDS Reservation	TETC-D	Current					
TETC CDS Capacity Release Credit	TETC-C	Current					
TETC Cashout	TETC-TT	Exp. Annual Cdr					
TETC Upstream Transition Costs	TETC-D	Current					
Interconn. Aquila Energy - Demand	TETC-D	Current					
Interconn. Aquila Energy - Transport Cap. Rel.	TETC-C	Current					
Interconn. Aquila Energy - Transport Commodity	TETC-D	Current					
Interconn. Aquila Energy - Transport Demand	TETC-C	Current					
Interconn. Aquila Energy - Commodity	TETC-D	Current					
PG & E - Demand	TETC-C	Current					
PG & E - Commodity	TETC-C	Current					
SEECO => Ozark => TETC	TETC-C	Current					
Ozark Demand TETCO	TETC-D	Current					
Ozark Commodity TETCO	TETC-C	Current					
AWG - Ozark/TETC Trans. Gain - D-1	TETC-D	Current					
AWG - Ozark/TETC Trans. Gain - D-2	TETC-D	Current					
SEECO => Ozark @ Piggott	PIGG-C	Price Cap					
SEECO => Ozark @ Piggott Price Cap Fee	PIGG-D	Current					
Ozark Demand ANG @ Piggott	PIGG-C	Current					
Ozark Comm. ANG @ Piggott	PIGG-D	Current					
AWG - Ozark/Piggott Trans. Gain - D-1	PIGG-D	Current					
AWG - Ozark/Piggott Trans. Gain - D-2	PIGG-D	Current					
Interconn. Aquila Energy - Demand - RELIANT	COLE-D	Current					
Interconn. Aquila Energy - Commodity - RELIANT	COLE-C	Current					
Reliant Energy Services - FT Reserv. 1002228	COLE-C	Current					
Reliant Energy Services - FT Comm. 1002228	COLE-D	Current					
NorAm Gas Trans. - FT Reserv. 1001809	COLE-C	Current					
NorAm Gas Trans. - FT Comm. 1001809	AWP-C	Current					
SEECO/Ozark/AWPL - System Supply	AWP-C	Price Cap					
SEECO - Reservation Charge	AWP-D	Current					
SEECO - Price Cap Fee	AWP-C	Current					
Interconn. Aquila Energy/Ozark - Sys. Supply	AWP-C	Current					
Interconn. Aquila Energy/Ozark Demand	AWP-D	Current					
Ozark Demand AWP	AWP-D	Current					
Ozark Comm. AWP	AWP-C	Current					
Ozark Comm. - IT - System Supply	AWP-C	Current					
AWG - Ozark/AWP Trans. Gain - D-1	AWP-D	Current					
AWG - Ozark/AWP Trans. Gain - D-2	AWP-D	Current					
AW Pipeline FT Demand	AWP-C	Current					
AW Pipeline FT Commodity	AWP-C	Current					
AW Pipeline IT Commodity	LNG-C	Current					
LNG Storage Injection (volumes only)	LNG-C	Current					
LNG Storage Withdrawal	LNG-C	Current					
AWG Gathering & Transmission - Ar.	AWGIC-C	Current					
AWG Gathering & Transmission - Mo.	AWGIC-C	Current					

Associated Natural Gas Company
Gas Cost Allocations
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Description	Formula Set	Alloc. Factor	Kirkville-F \$	Kirkville-L \$	Kirkville-T \$	Butler-F \$	Butler-L \$
AQUILA Energy Trading Corp. Demand	NGPL-D	Current					
AQUILA Energy Trading Corp. Commodity	NGPL-C	Current					
NGPL FTS #110787 Reservation	NGPL-D	Current					
NGPL FTS #110787 Comm. to Cent. Pt.	NGPL-C	Current					
NGPL FTS #110787 Comm. to Storage	NGPL-C	Current					
NGPL FTS #110787 Comm. Stor. to Cent. Pt.	NGPL-D	Current					
NGPL FTS #110787 Capacity Release Credit	NGPL-D	Current					
NGPL FTS #110759 Reservation	NGPL-D	Current					
NGPL FTS #110759 Comm. to Cent. Pt.	NGPL-C	Current					
NGPL FTS #110759 Comm. to Storage	NGPL-C	Current					
NGPL FTS #110759 Comm. Stor. to Cent. Pt.	NGPL-D	Current					
NGPL FTS #110759 Capacity Release Credit	NGPL-D	Current					
NGPL FTS #100072 Comm. to NGPL Cent. Pt.	NGPL-C	Current					
NGPL FTS #100072 Comm. to Storage	NGPL-C	Current					
NGPL FTS #100072 Reservation	NGPL-D	Current					
NGPL FTS #100072 Capacity Release Credit	NGPL-D	Current					
NGPL DSS #110646 Reservation	NGPL-D	Current					
NGPL DSS #110646 Injection	NGPL-C	Current					
NGPL DSS #110646 Withdrawal	NGPL-C	Current					
NGPL DSS #110646 AOR Charge	NGPL-D	Current					
NGPL NSS #110507 Reservation	NGPL-C	Current					
NGPL NSS #110507 Injection	NGPL-C	Current					
NGPL NSS #110507 Withdrawal	NGPL-C	Current					
NGPL Cashout	NGPL-D	Current					
NGPL Great Lakes Surcharge	NGPL-D	Current					
NGPL GSR	NGPL-TA	Exp. Annual Cof					
NGPL POA Overrun	NGPL-C	Current					
NGPL POA Balancing	NGPL-C	Current					
SEECO - Ozark/NGPL - System Supply	NGPL-C	Current					
SEECO - Reservation	NGPL-D	Current					
SEECO - Price Cap Fee	NGPL-C	Price Cap					
Ozark Demand NGPL	NGPL-D	Current					
Ozark Commodity NGPL	NGPL-C	Current					
AWG - Ozark/NGPL Trans. Gain - D-1	NGPL-D	Current					
AWG - Ozark/NGPL Trans. Gain - D-2	NGPL-D	Current					
AWG Gathering & Transmission	NGPL-G&T	Current					
MRTM - MRTM Reserv.	MRTC-D	Current					
MRTM - MRTM Comm.	MRTC-C	Current					
MRTM - MRT SCT Commodity (#450 C)	MRTC-C	Current					
MRTM - FSS Deliverability	MRTC-D	Current					
MRTM - FSS Capacity	MRTC-C	Current					
MRTM - FSS Injections	MRTC-C	Current					
MRTM - FSS Withdrawals	MRTC-D	Current					
MRTM - MRT FTS Reservation (#1024 F)	MRTC-D	Current					
MRTM - MRT FTS Commodity (#1024 F)	MRTC-C	Current					
MRTM - MRT FTS Reservation (#673 F)	MRTC-D	Current					
MRTM - Credit per Article II of RP98-199	MRTC-C	Current					
MRTM - MRT FTS Commodity (#673 F)	MRTC-D	Current					
MRTM - NORAM Gas Tran. FT Commodity	MRTC-C	Current					
MRTM - NORAM Gas Tran. FT Demand	MRTC-D	Current					
MRTM - Turnline FTS Demand	MRTC-C	Current					
MRTM - Storage Property Tax	MRTC-C	Current					
MRTM - MRTM Agency Fee	MRTC-C	Current					
MRTM - MRTG IT Revenue Credit	MRTC-C	Current					
MRTM - Account 191 Costs	MRTC-TA	Exp. Annual Cof					
MRTM - Cash Out	MRTC-C	Current					

Associated Natural Gas Company
Gas Cost Allocations
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Description	Formula Ref	Alloc. Factor	Kirkville-F \$	Kirkville-T \$	Butler-F \$	Butler-T \$
Amoco - Commodity	KIRK-C	Current	87,106.22	26,937.01		
Amoco - Reservation	KIRK-D	Current	8,011.92	735.85		
Aquila Energy - Reservation	KIRK-D	Current	0.00	0.00		
Amoco - Price Cap	KIRK-C	Current	0.00	0.00		
ANR NNS Reservation	KIRK-D	Current	8,588.56	788.44		
ANR NNS Commodity	KIRK-C	Current	143.91	44.50		
ANR GF-1 Reservation (Cont. # 50001)	KIRK-D	Current	0.00	0.00		
ANR GF-1 Commodity (Cont. #50001)	KIRK-C	Current	0.00	0.00		
ANR GF-1 Reservation (Cont. #68450)	KIRK-D	Current	30,818.12	2,811.43		
ANR GF-1 Commodity (Cont. #68450)	KIRK-C	Current	1,287.75	398.23		
ANR ETS Reservation (Cont. #00001)	KIRK-D	Current	23,064.97	2,117.88		
ANR ETS Commodity (Cont. #00001)	KIRK-C	Current	251.73	77.85		
ANR ETS Reservation (Cont. #00050)	KIRK-D	Current	0.00	0.00		
ANR ETS Comm. From Stor. (Cont. #00050)	KIRK-C	Current	8,767.13	805.02		
ANR FSS Deliverability Reserv (30000)	KIRK-D	Current	5,963.97	547.63		
ANR FSS Storage - Withdrawal (30000)	KIRK-C	Current	58,967.54	18,235.44		
ANR FSS Storage - Injection (30000)	KIRK-D	Current	0.00	0.00		
ANR FSS Deliverability Reserv (32250)	KIRK-C	Current	9,182.45	843.15		
ANR FSS Capacity Reserv (32250)	KIRK-D	Current	5,886.31	540.48		
ANR FSS Storage - Withdrawal (32250)	KIRK-C	Current	48,351.01	14,952.22		
ANR FSS Storage - Injection (32250)	KIRK-D	Current	0.00	0.00		
ANR FTS-1 Reservation	KIRK-C	Current	20,846.33	1,896.07		
ANR FTS-1 Commodity	KIRK-D	Current	202.80	62.72		
ANR Cashout	KIRK-C	Current	0.00	0.00		
ANR Account 191 Costs	KIRK-TS	Exp. Annual Cdr				
ANR Account 858 Costs	KIRK-TA	Exp. Annual Cdr				
ANR Take-or-Pay	KIRK-NA	Current			13,341.74	238.26
Aquila Energy - Reservation	BTLR-D	Current			41,734.50	2,863.17
Aquila Energy - Commodity	BTLR-C	Current			0.00	0.00
Aquila Energy - Price Cap Fee	BTLR-C	Price Cap			23,763.93	1,630.31
PHE SCT - Transportation	BTLR-D	Current			8,583.42	116.58
PHE IOS - Deliverability	BTLR-D	Current			6,598.66	116.81
PHE IOS - Capacity	BTLR-C	Current			0.00	0.00
PHE IOS - Injection	BTLR-D	Current			87,586.17	4,838.71
PHE IOS - Withdrawal Cost	BTLR-C	Current			89.92	6.17
PHE IOS - Withdrawal	BTLR-TS	Current				
PHE Direct Billing	BTLR-TS	Exp. Annual Cdr				
PHE Take-or-Pay	BTLR-NA	Current				
Total Excluding AWG Gath. & Trans.			317,041.82	71,793.73	159,696.34	9,808.01
Summary:			317,041.82	71,793.73	159,696.34	9,808.01
Interconnected						
NGPL			0.00	0.00	0.00	0.00
MRT			0.00	0.00	0.00	0.00
Kirkville			317,041.82	71,793.73	0.00	0.00
Butler			0.00	0.00	159,696.34	9,808.01
Total			317,041.82	71,793.73	159,696.34	9,808.01
Total Excluding AWG Gath. & Trans.			317,041.82	71,793.73	159,696.34	9,808.01

Associated Natural Gas Company
Gas Cost Allocations
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Description	Formula Set	Alloc. Factor	Del. MMBSu	Trans. MMBSu	Sales MMBSu	Del. Mcf	Trans. Mcf	Sales Mcf
TETC SS-1 400184 Injection	TETC-C	Current						
TETC SS-1 400184 Withdrawal	TETC-C	Current						
TETC SS-1 400184 Withdrawal Cost	TETC-C	Current	176,750		176,750	171,754		171,754
TETC SS-1 400184 Reservation	TETC-D	Current						
TETC SS-1 400184 Res. - St. Strch. C.	TETC-D	Current						
TETC SS-1 400184 Space	TETC-D	Current						
TETC CDS Comm. - Seeco/Ozark - M1	TETC-C	Current						
TETC CDS Comm. - Aquila	TETC-C	Current						
TETC CDS Reservation	TETC-D	Current						
TETC CDS Capacity Release Credit	TETC-D	Current						
TETC Cashout	TETC-C	Current	0		0	0		0
TETC Upstream Transition Costs	TETC-TT	Exp. Annual Cdr						
Interconn. Aquila Energy - Demand	TETC-D	Current						
Interconn. Aquila Energy - Transport Cap. Rel.	TETC-D	Current						
Interconn. Aquila Energy - Transport Commodity	TETC-C	Current						
Interconn. Aquila Energy - Transport Demand	TETC-D	Current	17,964		17,964	17,458		17,458
Interconn. Aquila Energy - Commodity	TETC-C	Current						
PG & E - Demand	TETC-C	Current	0		0	0		0
PG & E - Commodity	TETC-C	Current	107,500		107,500	104,461		104,461
SEECO => Ozark => TETC	TETC-C	Current						
Ozark Demand TETCO	TETC-D	Current						
Ozark Commodity TETCO	TETC-D	Current						
AWG - Ozark/TETC Trans. Gain - D-1	TETC-D	Current						
AWG - Ozark/TETC Trans. Gain - D-2	TETC-D	Current						
SEECO => Ozark @ Piggott	PIGG-C	Current	29,908		29,908	29,380		29,380
SEECO => Ozark @ Piggott Price Cap Fee	PIGG-C	Price Cap						
Ozark Demand ANG @ Piggott	PIGG-D	Current						
Ozark Comm. ANG @ Piggott	PIGG-C	Current						
AWG - Ozark/Piggott Trans. Gain - D-1	PIGG-D	Current						
AWG - Ozark/Piggott Trans. Gain - D-2	PIGG-D	Current						
Interconn. Aquila Energy - Demand - RELIANT	COLE-D	Current	35,104		35,104	34,646		34,646
Interconn. Aquila Energy - Commodity - RELIANT	COLE-C	Current						
Reliant Energy Services - FT Reserv. 1002228	COLE-D	Current						
Reliant Energy Services - FT Comm. 1002228	COLE-C	Current						
NorAm Gas Trans. - FT Reserv. 1001609	COLE-D	Current						
NorAm Gas Trans. - FT Comm. 1001609	COLE-C	Current						
SEECO/Ozark/ANPL - System Supply	AWP-C	Current	385,406		385,406	379,372		379,372
SEECO - Reservation Charge	AWP-D	Current						
SEECO - Price Cap Fee	AWP-C	Price Cap						
Interconn. Aquila Energy/Ozark - Sys. Supply	AWP-C	Current	0		0	0		0
Interconn. Aquila Energy/Ozark Demand	AWP-D	Current						
Ozark Demand AWP	AWP-D	Current						
Ozark Comm. AWP	AWP-C	Current						
Ozark Comm. - IT - System Supply	AWP-C	Current						
AWG - Ozark/ANPL Trans. Gain - D-1	AWP-D	Current						
AWG - Ozark/ANPL Trans. Gain - D-2	AWP-D	Current						
AW Pipeline FT Demand	AWP-D	Current						
AW Pipeline FT Commodity	AWP-C	Current						
AW Pipeline IT Commodity	AWP-C	Current						
LNG Storage Injection (volumes only)	LNG-C	Current	0		0	0		0
LNG Storage Withdrawal	LNG-C	Current	4,854		4,854	4,854		4,854
AWG Gathering & Transmission - Ar.	AWG-C	Current						
AWG Gathering & Transmission - Mo.	AWG-C	Current						

Associated Natural Gas Company
Gas Cost Allocations
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Description	Formula Set	Alloc. Factor	Del. MMBtu	Trans. MMBtu	Sales MMBtu	Del. Mcf	Trans. Mcf	Sales Mcf
AQUILA Energy Trading Corp. Demand	NGPL-D	Current	77,105	0	77,105	74,783		74,783
AQUILA Energy Trading Corp. Commodity	NGPL-C	Current						
NGPL FTS #110767 Reservation	NGPL-D	Current						
NGPL FTS #110767 Comm. to Cent. Pl.	NGPL-C	Current						
NGPL FTS #110767 Comm. to Storage	NGPL-C	Current						
NGPL FTS #110767 Comm. Stor. to Cent. Pl.	NGPL-D	Current						
NGPL FTS #110767 Capacity Release Credit	NGPL-D	Current						
NGPL FTS #110759 Reservation	NGPL-D	Current						
NGPL FTS #110759 Comm. to Cent. Pl.	NGPL-C	Current						
NGPL FTS #110759 Comm. to Storage	NGPL-C	Current						
NGPL FTS #110759 Comm. Stor. to Cent. Pl.	NGPL-D	Current						
NGPL FTS #110759 Capacity Release Credit	NGPL-D	Current						
NGPL FTS #100072 Comm. to NGPL Cent. Pl.	NGPL-C	Current						
NGPL FTS #100072 Comm. to Storage	NGPL-C	Current						
NGPL FTS #100072 Reservation	NGPL-D	Current						
NGPL FTS #100072 Capacity Release Credit	NGPL-D	Current						
NGPL DSS #110648 Reservation	NGPL-D	Current	21,855		21,855	21,003		21,003
NGPL DSS #110648 Injection	NGPL-C	Current						
NGPL DSS #110648 Withdrawal	NGPL-C	Current						
NGPL DSS #110646 AOR Charge	NGPL-D	Current						
NGPL NSS #110507 Reservation	NGPL-C	Current						
NGPL NSS #110507 Injection	NGPL-C	Current						
NGPL NSS #110507 Withdrawal	NGPL-C	Current	17,832		17,832	17,295		17,295
NGPL Cashout	NGPL-C	Current						
NGPL Great Lakes Surcharge	NGPL-D	Current						
NGPL POA	NGPL-TA	Exp. Annual Ccl						
NGPL POA Overrun	NGPL-C	Current	108		108	103		103
NGPL POA Balancing	NGPL-C	Current						
SEECO - Ozark/NGPL - System Supply	NGPL-C	Current						
SEECO - Reservation	NGPL-D	Price Cap						
SEECO - Price Cap Fee	NGPL-C	Current						
Ozark Demand NGPL	NGPL-C	Current						
Ozark Commodity NGPL	NGPL-D	Current						
AWG - Ozark/NGPL Trans. Gain - D-1	NGPL-D	Current						
AWG - Ozark/NGPL Trans. Gain - D-2	NGPL-D	Current						
AWG Gathering & Transmission	NGPL-G&T	Current						
MRTM - MRTM Reserv.	MRTC-D	Current						
MRTM - MRTM Comm.	MRTC-C	Current						
MRTM - MRT SCT Commodity (#450 C)	MRTC-C	Current	18,070		19,070	18,592		18,592
MRTM - FSS Deliverability	MRTC-D	Current						
MRTM - FSS Capacity	MRTC-D	Current						
MRTM - FSS Injections	MRTC-C	Current						
MRTM - FSS Withdrawals	MRTC-C	Current						
MRTM - MRT FTS Reservation (#1024 F)	MRTC-D	Current						
MRTM - MRT FTS Commodity (#1024 F)	MRTC-C	Current						
MRTM - MRT FTS Reservation (#973 F)	MRTC-D	Current						
MRTM - Credit per Article II of RP96-199	MRTC-C	Current						
MRTM - MRT FTS Commodity (#973 F)	MRTC-C	Current						
MRTM - NORAM Gas Tran. FT Demand	MRTC-D	Current						
MRTM - NORAM Gas Tran. FT Commodity	MRTC-C	Current						
MRTM - Trunkline FTS Demand	MRTC-D	Current						
MRTM - Storage Property Tax	MRTC-C	Current						
MRTM - MRTM Agency Fee	MRTC-C	Current						
MRTM - MRTC IT Revenue Credit	MRTC-C	Current						
MRTM - Account 181 Costs	MRTC-TA	Exp. Annual Ccl						
MRTM - Cash Out	MRTC-C	Current						

Associated Natural Gas Company
Gas Cost Allocations
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Description	Formula Set	Alloc. Factor	Del. MM/Btu	Trans. MM/Btu	Sales MM/Btu	Del. Mcf	Trans. Mcf	Sales Mcf
Amoco - Commodity	KIRK-C	Current	69,382	0	69,382	97,815	0	97,815
Amoco - Reservation	KIRK-D	Current						
Aquila Energy - Reservation	KIRK-D	Current						
Amoco - Price Cap	KIRK-C	Current						
ANR MNS Reservation	KIRK-D	Current						
ANR MNS Commodity	KIRK-D	Current						
ANR GF-1 Reservation (Cont. # 50001)	KIRK-D	Current						
ANR GF-1 Commodity (Cont. #50001)	KIRK-C	Current						
ANR GF-1 Reservation (Cont. #6450)	KIRK-D	Current						
ANR GF-1 Commodity (Cont. #6450)	KIRK-C	Current						
ANR ETS Reservation (Cont. #00001)	KIRK-D	Current						
ANR ETS Commodity (Cont. #00001)	KIRK-C	Current						
ANR ETS Reservation (Cont. #00050)	KIRK-D	Current						
ANR ETS Comm. From Stor. (Cont. #00050)	KIRK-C	Current						
ANR ETS Comm. to Stor. (Cont. #00050)	KIRK-D	Current						
ANR FSS Deliverability Reserv (30000)	KIRK-D	Current	34,693		34,693	33,910		33,910
ANR FSS Capacity Reservatn (30000)	KIRK-C	Current						
ANR FSS Storage - Withdrawal (30000)	KIRK-D	Current						
ANR FSS Storage - Injection (30000)	KIRK-C	Current						
ANR FSS Deliverability Reserv (32250)	KIRK-D	Current	27,950		27,950	27,319		27,319
ANR FSS Capacity Reservatn (32250)	KIRK-C	Current						
ANR FSS Storage - Withdrawal (32250)	KIRK-D	Current						
ANR FSS Storage - Injection (32250)	KIRK-C	Current						
ANR FTS-1 Reservation	KIRK-D	Current						
ANR FTS-1 Commodity	KIRK-C	Current						
ANR Cashout	KIRK-C	Current						
ANR Account 191 Costs	KIRK-TS	Exp. Annual Cof						
ANR Account 858 Costs	KIRK-TA	Exp. Annual Cof						
ANR Take-or-Pay	KIRK-NA	Current						
Aquila Energy - Reservation	BTLR-D	Current	27,341	0	27,341	26,752	0	26,752
Aquila Energy - Commodity	BTLR-C	Current						
Aquila Energy - Price Cap Fee	BTLR-C	Price Cap						
PHE SCT - Transportation	BTLR-C	Current						
PHE IOS - Deliverability	BTLR-D	Current						
PHE IOS - Capacity	BTLR-C	Current						
PHE IOS - Injection	BTLR-C	Current	29,043		29,043	28,418		28,418
PHE IOS - Withdrawal Cost	BTLR-C	Current			0	0		0
PHE IOS - Withdrawal	BTLR-TS	Exp. Annual Cof						
PHE Direct Billing	BTLR-NA	Current						
PHE Take-or-Pay								
Total			1,097,881	0	1,097,881	1,073,529	0	1,073,529
Total Excluding AWS Gath. & Trans.			1,097,881	0	1,097,881	1,073,529	0	1,073,529
Summary:								
Interconnected			757,498	0	757,498	741,923	0	741,923
NGPL			116,688	0	116,688	113,184	0	113,184
MRT			35,068	0	35,068	34,208	0	34,208
Kirkville			132,025	0	132,025	129,044	0	129,044
Buller			56,384	0	56,384	55,170	0	55,170
Total			1,097,881	0	1,097,881	1,073,529	0	1,073,529
Total Excluding AWS Gath. & Trans.			1,097,881	0	1,097,881	1,073,529	0	1,073,529

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Description	Formula Set	Alloc. Factor	AR-Piggott Mcf	AR-Other Mcf	AR-Total Mcf	SEMO-Inv. Mcf	SEMO-Ss. Mcf	SEMO-Tot. Mcf
TETC SS-1 400184 Injection	TETC-C	Current	0	0	0	0	0	0
TETC SS-1 400184 Withdrawal	TETC-C	Current	0	0	0	0	0	0
TETC SS-1 400184 Withdrawal Cost	TETC-C	Current	10,339	86,653	76,992	53,832	40,930	94,762
TETC SS-1 400184 Reservation	TETC-D	Current						
TETC SS-1 400184 Res. - St. Strch. Cr.	TETC-D	Current						
TETC SS-1 400184 Space	TETC-D	Current						
TETC CDS Comm. - Seeco/Ozark - M1	TETC-C	Current	0	0	0	0	0	0
TETC CDS Comm. - Aquila	TETC-C	Current	0	0	0	0	0	0
TETC CDS Reservation	TETC-D	Current						
TETC CDS Capacity Release Credit	TETC-D	Current						
TETC Cashout	TETC-C	Current	0	0	0	0	0	0
TETC Upstream Transition Costs	TETC-TT	Exp. Annual Cdr	0	0	0	0	0	0
Interconn. Aquila Energy - Demand	TETC-D	Current						
Interconn. Aquila Energy - Transport Cap. Rel.	TETC-D	Current						
Interconn. Aquila Energy - Transport Commodity	TETC-C	Current						
Interconn. Aquila Energy - Transport Demand	TETC-D	Current						
Interconn. Aquila Energy - Commodity	TETC-C	Current	1,051	8,774	7,825	5,471	4,160	9,631
PG & E - Demand	TETC-C	Current	0	0	0	0	0	0
PG & E - Commodity	TETC-C	Current	8,288	40,539	48,827	32,741	24,863	57,604
SEECO => Ozark => TETC	TETC-C	Current						
Ozark Demand TETCO	TETC-D	Current	0	0	0	0	0	0
Ozark Commodity TETCO	TETC-C	Current						
AWG - Ozark/TETC Trans. Gain - D-1	TETC-D	Current						
AWG - Ozark/TETC Trans. Gain - D-2	TETC-D	Current						
SEECO => Ozark @ Piggott	PIGG-C	Current	29,380	0	29,380	0	0	0
SEECO => Ozark @ Piggott Price Cap Fee	PIGG-C	Price Cap						
Ozark Demand ANG @ Piggott	PIGG-D	Current	0	0	0	0	0	0
Ozark Comm. ANG @ Piggott	PIGG-C	Current						
AWG - Ozark/Piggott Trans. Gain - D-1	PIGG-D	Current						
AWG - Ozark/Piggott Trans. Gain - D-2	PIGG-D	Current						
Interconn. Aquila Energy - Demand - RELIANT	COLE-D	Current						
Interconn. Aquila Energy - Commodity - RELIANT	COLE-C	Current	0	14,306	14,306	11,554	8,788	20,340
Reliant Energy Services - FT Reserv. 1002228	COLE-D	Current						
Reliant Energy Services - FT Comm. 1002228	COLE-C	Current						
NorAm Gas Trans. - FT Reserv. 1001809	COLE-C	Current						
NorAm Gas Trans. - FT Comm. 1001809	COLE-C	Current						
SEECO/Ozark/AMPL - System Supply	AWP-C	Current	0	156,655	156,655	126,521	98,196	222,717
SEECO - Reservation Charge	AWP-D	Current						
SEECO - Price Cap Fee	AWP-C	Price Cap						
Interconn. Aquila Energy/Ozark - Sys. Supply	AWP-C	Current	0	0	0	0	0	0
Interconn. Aquila Energy/Ozark Demand	AWP-D	Current						
Ozark Demand AWP	AWP-D	Current	0	0	0	0	0	0
Ozark Comm. AWP	AWP-C	Current	0	0	0	0	0	0
Ozark Comm. - IT - System Supply	AWP-C	Current						
AWG - Ozark/AMP Trans. Gain - D-1	AWP-D	Current						
AWG - Ozark/AMP Trans. Gain - D-2	AWP-D	Current						
AW Pipeline FT Demand	AWP-D	Current	0	0	0	0	0	0
AW Pipeline FT Commodity	AWP-C	Current	0	0	0	0	0	0
AW Pipeline IT Commodity	AWP-C	Current	0	0	0	0	0	0
LNG Storage Injection (volumes only)	LNG-C	Current	0	2,004	2,004	1,619	1,231	2,850
LNG Storage Withdrawal	LNG-C	Current	0					
AWG Gathering & Transmission - Ar.	AWGIC-C	Current						
AWG Gathering & Transmission - Mo.	AWGIC-C	Current						

Associated Natural Gas Company
Gas Cost Allocations
March 1999 Actual

Description	Formula Set	Alloc. Factor	ASLP Piggyback Mtd	AS-Other Mtd	AR-Total Mtd	SEMO-Inv. Mtd	SEMO-So. Mtd	SEMO-Tot. Mtd
AQUILA Energy Trading Corp. Demand	NGPL-D	Current						
AQUILA Energy Trading Corp. Commodity	NGPL-C	Current						
NGPL FTS #110767 Reservation	NGPL-D	Current						
NGPL FTS #110767 Comm. to Cent. Pl	NGPL-C	Current						
NGPL FTS #110767 Comm. to Storage	NGPL-C	Current						
NGPL FTS #110767 Comm. Stor. to Cent. Pl	NGPL-D	Current						
NGPL FTS #110767 Capacity Release Credit	NGPL-D	Current						
NGPL FTS #110759 Reservation	NGPL-D	Current						
NGPL FTS #110759 Comm. to Cent. Pl	NGPL-C	Current						
NGPL FTS #110759 Comm. to Storage	NGPL-C	Current						
NGPL FTS #110759 Comm. Stor. to Cent. Pl	NGPL-D	Current						
NGPL FTS #110759 Capacity Release Credit	NGPL-D	Current						
NGPL FTS #100072 Comm. to NGPL Cent. Pl	NGPL-C	Current						
NGPL FTS #100072 Comm. to Storage	NGPL-C	Current						
NGPL FTS #100072 Reservation	NGPL-D	Current						
NGPL FTS #100072 Capacity Release Credit	NGPL-D	Current						
NGPL DSS #110648 Reservation	NGPL-D	Current						
NGPL DSS #110648 Injection	NGPL-C	Current						
NGPL DSS #110648 Withdrawal	NGPL-C	Current						
NGPL DSS #110648 AOR Charge	NGPL-D	Current						
NGPL NSS #110507 Reservation	NGPL-C	Current						
NGPL NSS #110507 Injection	NGPL-C	Current						
NGPL NSS #110507 Withdrawal	NGPL-C	Current						
NGPL Cashout	NGPL-D	Current						
NGPL Great Lakes Surcharge	NGPL-D	Exp. Annual Cdf						
NGPL GSR	NGPL-TA	Current						
NGPL POA Overrun	NGPL-C	Current						
NGPL POA Balancing	NGPL-C	Current						
SEECO - Ozark/NGPL - System Supply	NGPL-C	Current						
SEECO - Reservation	NGPL-D	Current						
SEECO - Price Cap Fee	NGPL-C	Price Cap						
Ozark Demand NGPL	NGPL-D	Current						
AWG - Ozark/NGPL Trans. Gain - D-1	NGPL-D	Current						
AWG - Ozark/NGPL Trans. Gain - D-2	NGPL-D	Current						
AWG Gathering & Transmission	NGPL-G&T	Current						
MRTM - MRTM Reserv.	MRTC-D	Current						
MRTM - MRTM Comm.	MRTC-C	Current						
MRTM - MRT SCT Commodity (#450 C)	MRTC-C	Current						
MRTM - FSS Deliverability	MRTC-D	Current						
MRTM - FSS Capacity	MRTC-D	Current						
MRTM - FSS Injections	MRTC-C	Current						
MRTM - FSS Withdrawals	MRTC-C	Current						
MRTM - MRT FTS Reservation (#1024 F)	MRTC-D	Current						
MRTM - MRT FTS Commodity (#1024 F)	MRTC-C	Current						
MRTM - MRT FTS Reservation (#973 F)	MRTC-D	Current						
MRTM - Credit per Article II of RP98-189	MRTC-D	Current						
MRTM - MRT FTS Commodity (#973 F)	MRTC-C	Current						
MRTM - NORAM Gas Tran. FT Demand	MRTC-D	Current						
MRTM - NORAM Gas Tran. FT Commodity	MRTC-C	Current						
MRTM - Trunkline FTS Demand	MRTC-D	Current						
MRTM - Storage Property Tax	MRTC-C	Current						
MRTM - MRTM Agency Fee	MRTC-C	Current						
MRTM - MRTM Revenue Credit	MRTC-C	Current						
MRTM - Account 191 Costs	MRTC-TA	Exp. Annual Cdf						
MRTM - Cash Out	MRTC-C	Current						

Associated Natural Gas Company
Gas Cost Allocations
March 1999 Actual

Description	Formula Set	Alloc. Factor	AR-Pigment Mcf	AR-Other Mcf	AR-Total Mcf	SEMO-As Mcf	SEMO-So Mcf	SEMO-Tot Mcf
Amoco - Commodity	KIRK-C	Current						
Amoco - Reservation	KIRK-D	Current						
Aquila Energy - Reservation	KIRK-D	Current						
Amoco - Price Cap	KIRK-C	Current						
ANR NNS Reservation	KIRK-D	Current						
ANR NNS Commodity	KIRK-C	Current						
ANR GF-1 Reservation (Cont. # 50001)	KIRK-D	Current						
ANR GF-1 Commodity (Cont. #50001)	KIRK-C	Current						
ANR GF-1 Reservation (Cont. #68450)	KIRK-D	Current						
ANR GF-1 Commodity (Cont. #68450)	KIRK-C	Current						
ANR ETS Reservation (Cont. #00001)	KIRK-D	Current						
ANR ETS Commodity (Cont. #00001)	KIRK-C	Current						
ANR ETS Reservation (Cont. #00050)	KIRK-D	Current						
ANR ETS Commodity (Cont. #00050)	KIRK-C	Current						
ANR ETS Comm. From Stor. (Cont. #00050)	KIRK-C	Current						
ANR ETS Comm. to Stor. (Cont. #00050)	KIRK-C	Current						
ANR FSS Deliverability Reserv (30000)	KIRK-D	Current						
ANR FSS Capacity Reservat'n (30000)	KIRK-D	Current						
ANR FSS Storage - Withdrawal (30000)	KIRK-C	Current						
ANR FSS Storage - Injection (30000)	KIRK-D	Current						
ANR FSS Deliverability Reserv (32250)	KIRK-D	Current						
ANR FSS Capacity Reservat'n (32250)	KIRK-C	Current						
ANR FSS Storage - Withdrawal (32250)	KIRK-C	Current						
ANR FSS Storage - Injection (32250)	KIRK-D	Current						
ANR FTS-1 Reservation	KIRK-C	Current						
ANR FTS-1 Commodity	KIRK-C	Current						
ANR Cashout	KIRK-C	Current						
ANR Account 191 Costs	KIRK-TS	Exp. Annual Cof						
ANR Account 858 Costs	KIRK-TA	Exp. Annual Cof						
ANR Take-or-Pay	KIRK-NA	Current						
Aquila Energy - Reservation	BTLR-D	Current						
Aquila Energy - Commodity	BTLR-C	Price Cap						
Aquila Energy - Price Cap Fee	BTLR-C	Current						
PHE SCT - Transportation	BTLR-C	Current						
PHE IOS - Deliverability	BTLR-D	Current						
PHE IOS - Capacity	BTLR-D	Current						
PHE IOS - Injection	BTLR-C	Current						
PHE IOS - Withdrawal Cost	BTLR-C	Current						
PHE IOS - Withdrawal	BTLR-C	Current						
PHE Direct Billing	BTLR-TS	Exp. Annual Cof						
PHE Take-or-Pay	BTLR-NA	Current						
Total			47,058	286,931	333,989	231,738	176,196	407,934
Total Excluding AWG Gath. & Trans.			47,058	286,931	333,989	231,738	176,196	407,934
Summary:								
Interconnected			47,058	286,931	333,989	231,738	176,196	407,934
NGPL			0	0	0	0	0	0
MRT			0	0	0	0	0	0
Kirksville			0	0	0	0	0	0
Buller			0	0	0	0	0	0
Total			47,058	286,931	333,989	231,738	176,196	407,934
Total Excluding AWG Gath. & Trans.			47,058	286,931	333,989	231,738	176,196	407,934

Associated Natural Gas Company
Gas Cost Allocations - Analysis Of Volumes
March 1999 Actual

Description	MMBtu	Mcf	Btu Factor
TETC:			
1. Deliveries:			
Meter #70061	167,108	162,376	1.02914
Meter #70079	68,865	66,901	1.02936
Meter #70110	18,189	17,678	1.02947
Meter #70532	21,007	20,422	1.02865
Meter #71141	27,035	26,294	1.02818
Total	302,214	293,671	1.02909
2. Calculation of Mcf on Deliveries by Source:			
SEECO	107,500	104,461	
Aquila Energy Trading Corp.	17,964	17,458	
PG & E	0	0	
TETC Cashout	176,750	171,754	
SS-1 400184 Withdrawal	302,214	293,671	
Deliveries for ANG	0	0	
Loxreen	0	0	
Fruit of the Loom	0	0	
Federal Mogul	0	0	
Deliveries for Others	0	0	
Total Deliveries	302,214	293,671	
Deliveries per Section 1	302,214	293,671	
Difference (should be 0)	0	0	
Reliant At Cole Ridge:			
1. Deliveries:			
NA	86,304	85,178	1.01322
2. Calculation of Mcf on Deliveries by Source:			
Aquila Energy Services	35,104	34,646	
Imbalance	0	0	
Deliveries for ANG	35,104	34,646	
Fruit of the Loom	51,200	50,532	
Noranda	0	0	
Loxreen	51,200	50,532	
Deliveries for Others	86,304	85,178	
Total Deliveries	86,304	85,178	
Deliveries per Section 1	0	0	
Difference (should be 0)	0	0	
Ozark @ Piggott:			
1. Deliveries:			
SEECO	29,908	29,380	1.01797
2. Calculation of Mcf on Deliveries by Source:			
SEECO	29,908	29,380	
May	0	0	
June	29,908	29,380	
Deliveries for ANG	0	0	
Deliveries for Others	29,908	29,380	
Total Deliveries	29,908	29,380	
Deliveries per Section 1	0	0	
Difference (should be 0)	0	0	

Associated Natural Gas Company
Gas Cost Allocations - Analysis Of Volumes
March 1999 Actual

6

Description	MMBtu	Mcf	Btu Factor
AW Pipeline:			
1. Deliveries:			
NA	639,529	629,518	1.01580
2. Calculation of Mcf on Deliveries:			
SEECO - System Supply	385,406	379,372	
SEECO - Noranda	0	0	
SEECO - Mamor	0	0	
SEECO - Lewis Bros.	0	0	
SEECO - Choice Brands USA	0	0	
SEECO - Loxgreen Company	0	0	
SEECO - Gates Rubber	0	0	
NGC - System Supply	0	0	
Deliveries for ANG	385,406	379,372	
Noranda	124,466	122,518	
Mamor	5,447	5,362	
Lewis Brothers	2,750	2,707	
Loxgreen Company	14,508	14,281	
Gates Rubber	9,038	8,897	
Viskase	29,300	28,841	
Federal Mogul	9,145	9,002	
Fruit of the Loom	0	0	
Plestens	15,440	15,198	
Huntco Steel	26,892	26,471	
Blythville Canning	17,137	16,869	
Deliveries for Others	254,123	250,146	
Deliveries by Source	639,529	629,518	
Deliveries per Section 1	639,529	629,518	
Difference (should be 0)	0	0	
LNG Storage:			
Injectors - (enter as credit)	0	0	
Withdrawals	4,854	4,854	
Net	4,854	4,854	
Interconnected System Deliveries - Recap:			
Deliveries For System Supply:			
TETC	302,214	293,671	
AER At Cole Ridge	35,104	34,646	
Ozark @ Pigott	29,908	29,380	
AW Pipeline	385,406	379,372	
LNG-Net	4,854	4,854	
Total Delivered For System Supply	757,486	741,923	
Disposition of Deliveries:			
Allocated to Arkansas		333,989	
Allocated to Southeast Missouri		407,934	
Transported		0	
Total Allocated/Assigned		741,923	
Difference (should be 0)		0	

Associated Natural Gas Company
Gas Cost Allocations - Analysis Of Volumes
March 1999 Actual

6

Description	MMBtu	Mcf	Btu Factor
NGPL:			
1. Deliveries:			
Jackson	91,792	89,028	1.03105
Puho	7,098	6,885	1.03064
Oak Ridge	1,633	1,584	1.03083
Doriphan	16,175	15,687	1.03111
Total	116,698	113,184	1.03105
2. Calculation of Mcf on Deliveries by Source:			
AQUILA Energy	74,567	72,321	
Aquila Energy - TEXOK Zone	2,538	2,462	
NGPL Storage Withdrawals DSS	21,655	21,003	
NGPL Storage Withdrawals NSS	17,832	17,295	
NGPL PCA	106	103	
Seeco - System Supply	0	0	
Seeco - Cerano	0	0	
Seeco - Lee Rowan	0	0	
Deliveries By Source	116,698	113,184	
Deliveries per Section 1	116,698	113,184	
Difference (should be 0)	0	0	
Delivered to Third Parties		0	
Storage Withdrawals			
Allocated to Southeast Missouri		113,184	
Total Accounted For		113,184	
Difference (should be 0)		0	
MRT:			
1. Deliveries:			
NA	55,317	53,930	1.02572
2. Calculation of Mcf on Deliveries by Source:			
MRT EM	19,070	18,592	
MRT Storage Withdrawals	15,018	15,616	
Deliveries for ANG	35,088	34,208	
Quality Aggregate	20,229	19,722	
Deliveries for Others	20,229	19,722	
Deliveries by Source	55,317	53,930	
Deliveries per Section 1	55,317	53,930	
Difference (should be 0)	0	0	
System Supply		34,208	
Delivered to Third Parties		0	
Allocated to Southeast Missouri		34,208	
Total Accounted For		34,208	
Difference (should be 0)		0	

Associated Natural Gas Company
Gas Cost Allocations - Analysis Of Volumes
March 1999 Actual

6

Description	MMBtu	Mcf	Btu Factor
ANR:			
1. Deliveries:			
NA	132,025	129,044	1.02310
2. Calculation of Mcf on Deliveries:			
AMOCO Energy	69,382	67,815	
Storage Withdrawals (FSS #30000)	34,693	33,910	
Storage Withdrawals (FSS #32250)	27,950	27,319	
Deliveries for ANG	132,025	129,044	
Adair	0	0	
Deliveries for Others	0	0	
Deliveries by Source	132,025	129,044	
Deliveries per Section 1	132,025	129,044	
Difference (should be 0)	0	0	
System Supply		129,044	
Delivered to Third Parties		0	
Allocated to Kirksville		129,044	
Total Accounted For		129,044	
Difference (should be 0)		0	
PHE:			
1. Deliveries:			
NA	56,384	55,170	1.02200
2. Calculation of Mcf on Deliveries by Source:			
Aquila Energy	27,341	26,752	
Storage Withdrawals	29,043	28,418	
MFA Hubbard Milling	0	0	
Deliveries for ANG	56,384	55,170	
Thorco	0	0	
Deliveries for Others	0	0	
Total Deliveries by Source	56,384	55,170	
Deliveries per Section 1	56,384	55,170	
Difference (should be 0)	0	0	
System Supply		55,170	
Delivered to Third Parties		0	
Allocated to Butler		55,170	
Total Accounted For		55,170	
Difference (should be 0)		0	

Associated Natural Gas Company
Gas Cost Allocations - AWG Gathering & Transmission Charge
March 1999 Actual

Delivery Point	Mcf Delivered	TETC DCS M-1M [1]	Ozark FTI [2]	Mcf Purchased	MMBtu Purchased	AWG Gath. Charge [1]
Arkansas G & T:		1.84%				
Ozark/ANPLJANG	156,655	NA	3,133	159,788	102,329	59,509.81
Ozark/TETCANG	48,627	862	854	48,643	50,058	18,351.26
Ozark/Piggott	29,980	NA	588	29,968	30,507	11,183.87
Total Before Storage	235,262	862	4,675	238,399	242,894	
		TETC SS-1 Withdrawal [1]				
		Injection Losses [3]				
TETC Storage Withdrawals	75,992	2.90%				
SEECO % For Prior Month Balance [3]	28,52%	5.39%				
TETC Storage Withdrawals	21,558	857	1,212	23,827	24,520	8,989.03
Total Arkansas						88,053.97
Missouri G & T:						
Ozark/ANPLJANG	222,717	NA	4,454	227,171		78,137.02
Ozark/TETCANG	57,634	NA	1,174	58,808		21,013.87
Total Before Storage	280,351	0	5,628	287,039		
		TETC SS-1 Withdrawal [1]				
		Injection Losses [3]				
TETC Storage Withdrawals	94,792	2.99%				
SEECO % For Prior Month Balance [3]	28,52%	5.39%				
TETC Storage Withdrawals	27,025	808	1,492	28,326		10,293.43
Total Interconnected System						111,044.12
NGPL System:						
		NGPL FTS G.C. m.l. - Market [4]				
		Injection Losses [5]				
Ozark/NGPLJANG	0	NA	0	0		0.00
		NGPL NSS Withdrawal [4]				
		Injection Losses [5]				
NGPL Storage Withdrawals - OSS	21,003	NA				
SEECO % For Prior Month Balance [3]	0.48%	0				
NGPL Storage Withdrawals	101	NA		107		37.56
		NGPL NSS Withdrawal [4]				
		Injection Losses [5]				
NGPL Storage Withdrawals - NSS	17,265	0		10		3.51
SEECO % For Prior Month Balance [3]	0.05%	1				41.07
NGPL Storage Withdrawals	9					205,119.15
Total NGPL						

- [1] TETC Tariff Sheet 120 - 129.
[2] Ozark Tariff Sheet 13.
[3] TETC Storage w/s - prior month %.
[4] NGPL Tariff Sheet 15.
[5] NGPL Storage w/s - prior month %.

Associated Natural Gas Company
Gas Cost Allocations
March 1999 Actual

Description	Current	Exp. Annual Cof	Price Cap	
Interconnected Cof				
Arkansas - Total	3,488,584			0
Arkansas - Piggoit	482,546			
Arkansas - I/C	3,006,038			
SEMO - IC Northern	2,427,803			
SEMO - IC Southern	1,845,909			
Total Interconnected	7,279,750			0
District Sales (Cof)				
Arkansas - Firm	2,934,550			
Arkansas - Interruptible	554,034			
SEMO - Firm	5,240,336			
SEMO - Interruptible	581,053			
Kirkville - Firm	1,123,868			
Kirkville - Interruptible	347,822			
Butler - Firm	556,730			
Butler - Interruptible	38,224			
Total Company	11,376,417			0
Trans. Gas Purch. for Del. via TETC?	N			
Station 110	302,214			
TETC Del. For Sales - MMBtu	18,189			
Sta. 110 Deliveries - MMBtu	293,671			
TETC Del. For Sales - MCF	17,878			
Sta. 110 Deliveries - MCF	283,671			
TETC MCF Delivered - Total				
ALLOCATION FACTORS				
Interconnected Commodity \$ - TETC	0.06021852		#DIV/0!	#DIV/0!
Interconn. Comm. \$ - Sta. 110 TETC	0.31341782		#DIV/0!	#DIV/0!
Interconn. Comm. \$ - Northern TETC	0.23829807		#DIV/0!	#DIV/0!
Interconn. Comm. \$ - Southern TETC	0.38806519		#DIV/0!	#DIV/0!
Interconn. Comm. \$ - Ark. ex Sta. 110 TETC				
Interconnected MCF - TETC	0.06018661		#DIV/0!	#DIV/0!
Interconn. MCF - Sta. 110 - TETC	0.31342528		#DIV/0!	#DIV/0!
Interconn. MCF - Northern - TETC	0.23830373		#DIV/0!	#DIV/0!
Interconn. MCF - Southern - TETC	0.38807440		#DIV/0!	#DIV/0!
Interconn. MCF - Ark. ex Sta. 110 - TETC				
Interconnected Comm. \$ & MCF - Other	0.33350088		#DIV/0!	#DIV/0!
Interconn. Northern - Other	0.25356764		#DIV/0!	#DIV/0!
Interconn. Southern - Other	0.41293148		#DIV/0!	#DIV/0!
Interconn. Ark. ex Sta. 110 - Other				
Price Cap Allocation Factor				
Arkansas Price Cap Factor - ex. Piggoit - Other	0.43342620			
Price Cap Factor - Interconn. Northern - Other	0.96807829			
Price Cap Factor - Interconn. Southern - Other	0.43192171			
Price Cap Factor - Butler Firm	0.97715814			
Price Cap Factor - Butler Interruptible	0.02284186			
Price Cap Factor - SEMO Firm	0.96822361			
Price Cap Factor - SEMO Interruptible	0.06376938			
Interconnected Demand				
Interconn. Demand - Arkansas	0.40740000			
Interconn. Demand - SEMO	0.59260000			
Arkansas Firm Sales Factor	0.84118657		0.75364791	#DIV/0!
Arkansas Int. Sales Factor	0.15881343		0.24635209	#DIV/0!
SEMO Firm Sales Factor	0.90020000		#DIV/0!	#DIV/0!
SEMO Int. Sales Factor	0.09980000		#DIV/0!	#DIV/0!
Kirkville Firm Sales Factor	0.76380000		#DIV/0!	#DIV/0!
Kirkville Int. Sales Factor	0.23620000		#DIV/0!	#DIV/0!
Butler Firm Sales Factor	0.93580000		#DIV/0!	#DIV/0!
Butler Int. Sales Factor	0.06420000		#DIV/0!	#DIV/0!

Associated Natural Gas Company
Gas Cost Allocations
March 1989 Actual

Description	Current	Exp. Annual Ccf	Price Cap	#DIV/0!	#DIV/0!	#DIV/0!
EIA TETC Demand - AR	0.06019661			#DIV/0!		
AWG G&T Allocation	0.56807829			#DIV/0!		
AWG G&T Allocation - Northern	0.43192171			#DIV/0!		
AWG G&T Allocation - Southern						
Transition Cost Allocation Ccf		27,142,385				
Arkansas Sales Ccf - Expected		11,451,639				
Arkansas Transport Ccf - Expected		19,189,537				
SEMO Northern Sales Ccf - Expected		14,117,546				
SEMO Northern Transport Ccf - Expected		14,551,989				
SEMO Southern Sales Ccf - Expected		3,504,653				
SEMO Southern Transport Ccf - Expected		0				
SEMO Firm Ccf - Expected		0				
SEMO Int. Ccf - Expected		0				
SEMO Transport Ccf - Expected		0				
Kirkville Firm Ccf - Expected		0				
Kirkville Int. Ccf - Expected		0				
Kirkville Transport Ccf - Expected		0				
Butler Firm Ccf - Expected		0				
Butler Int. Ccf - Expected		0				
Butler Transport Ccf - Expected		0				
Interconnected Allocation Factors - Transition Costs						
Arkansas Sales Factor - Expected		45.33%				
Arkansas Total Factor - Expected		43.38%				
SEMO Northern Sales Factor - Expected		30.37%				
SEMO Northern Total Factor - Expected		38.32%				
SEMO Southern Sales Factor - Expected		24.36%				
SEMO Southern Total Factor - Expected		20.36%				
Arkansas District Allocation Factors - Transition Costs						
Ark. Dist. Sales Factor - Expected		70.33%				
Ark. Dist. Transp. Factor - Expected		29.67%				
Demand Class Allocation Factors						
SEMO IC Dmd - Firm	98.14%					
SEMO IC Dmd - Int.	3.86%					
SEMO NGPL Dmd - Firm	92.87%					
SEMO NGPL Dmd - Int.	7.13%					
SEMO MRTC Dmd - Firm	97.75%					
SEMO MRTC Dmd - Int.	2.25%					
Kirkville Dmd - Firm	91.58%					
Kirkville Dmd - Int.	8.41%					
Butler Dmd - Firm	98.26%					
Butler Dmd - Int.	1.74%					
Arkansas Dmd - Firm	92.6732%					
Arkansas Dmd - Int.	7.3268%					

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	Sep-98	Oct-98	Nov-98	Dec-98	Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Total
Arcadia and Ironton													
Residential	9,771	20,326	44,616	79,751	145,385	104,870	98,509	68,140	29,220	18,216	12,308	10,210	641,322
Commercial Firm	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Comm. Firm	5,716	9,196	24,561	44,127	101,604	58,767	59,046	34,530	14,523	11,461	7,361	6,508	377,420
Commercial Interr.	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Comm. Interr.	662	819	0	0	362	752	623	751	542	975	413	322	4,740
Large Gen. Serv. Comm. Interr.	0	0	0	0	0	0	0	0	0	0	0	0	1,481
Industrial Firm	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Ind. Firm	0	0	0	0	0	0	0	0	0	0	0	0	0
Industrial Interr. Sm.	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Ind. Interr.	0	0	0	0	0	0	0	0	0	0	0	0	0
Industrial Interr. Lrg.	0	0	0	0	0	0	0	0	0	0	0	0	0
Large Gen. Serv. Ind. Interr.	0	0	0	0	0	0	0	0	0	0	0	0	0
Large Volume Service	0	0	0	0	0	0	0	0	0	0	0	0	0
Sales	16,149	30,341	69,177	123,878	247,351	164,409	158,178	103,421	44,285	30,652	20,082	17,040	1,024,963
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	16,149	30,341	69,177	123,878	247,351	164,409	158,178	103,421	44,285	30,652	20,082	17,040	1,024,963
Ark. Less Plagott													
Residential	220,427	262,195	677,357	1,142,483	2,777,489	1,563,363	1,723,332	1,052,391	407,774	250,816	227,302	194,907	10,499,836
Commercial Firm	109,126	114,387	253,416	415,902	1,277,661	642,857	772,730	408,637	166,511	123,900	118,087	111,061	4,514,275
Commercial Interr.	98,431	90,939	75,365	91,815	140,738	109,899	115,462	89,716	56,416	43,501	32,504	30,736	965,522
Industrial Firm	30	46	128	198	6,361	895	2,417	411	66	29	28	25	10,634
Industrial Interr. Sm.	92,420	396,081	330,208	132,665	266,435	144,228	179,701	99,935	63,760	56,782	54,980	58,970	1,876,165
Industrial Interr. Lrg.	123,940	84,505	140,588	109,023	273,569	143,983	212,986	113,388	93,504	82,593	74,566	64,328	1,516,383
Sales	644,374	938,153	1,477,062	1,992,086	4,742,253	2,606,225	3,006,038	1,764,478	788,031	557,621	507,467	460,027	19,382,815
Transportation	773,816	1,004,566	832,771	747,790	1,151,222	1,022,225	1,197,148	1,058,556	1,123,541	1,096,142	1,067,409	1,069,316	12,144,502
Total	1,418,190	1,942,719	2,309,833	2,639,876	5,893,475	3,627,450	4,203,186	2,823,034	1,911,572	1,653,763	1,574,876	1,529,343	31,527,317
Butler													
Residential	45,369	68,629	165,311	290,837	658,398	428,978	412,597	257,281	137,159	59,375	50,158	41,839	2,635,932
Commercial Firm	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Comm. Firm	20,279	24,614	60,951	105,271	253,470	166,178	144,133	81,895	40,645	25,013	22,798	19,732	984,879
Commercial Interr.	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Comm. Interr.	0	0	1,252	2,429	5,901	3,452	3,229	1,502	616	24	16	17	18,438
Large Gen. Serv. Comm. Interr.	3,433	4,237	4,655	6,829	12,341	10,337	8,364	7,997	5,186	3,816	3,185	4,597	74,977
Industrial Firm	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Ind. Firm	0	874	0	0	0	0	0	0	1	0	0	0	874
Industrial Interr. Sm.	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Ind. Interr.	0	0	0	0	0	0	0	0	0	0	0	0	0
Industrial Interr. Lrg.	0	0	0	0	0	0	0	0	0	0	0	0	0
Large Gen. Serv. Ind. Interr.	17,029	19,757	21,442	26,893	32,693	24,287	26,631	22,522	16,891	16,183	25,838	38,842	288,598
Large Volume Service	0	0	0	0	0	0	0	0	0	0	0	0	0
Sales	86,110	118,111	273,611	432,049	962,794	633,232	594,954	371,197	200,198	104,411	101,995	105,027	3,993,689
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	86,110	118,111	273,611	432,049	962,794	633,232	594,954	371,197	200,198	104,411	101,995	105,027	3,993,689

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	Sep-98	Oct-98	Nov-98	Dec-98	Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Total
Doniphan & Only													
Residential	11,410	17,479	46,396	78,357	159,699	82,132	101,500	42,706	18,203	12,516	11,449	9,974	591,821
Commercial Firm	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Comm. Firm	10,218	11,321	25,795	43,469	105,340	50,726	62,175	27,510	14,267	11,059	10,632	8,977	381,509
Commercial Interr.	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Comm. Interr.	0	14	670	788	2,858	1,578	2,076	1,101	269	7	0	0	9,361
Large Gen. Serv. Comm. Interr.	7,997	5,963	0	11,375	11,356	9,610	3,334	7,362	1,903	4,565	6,197	3,429	73,091
Industrial Firm	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Ind. Firm	0	0	0	0	0	0	0	0	0	0	0	0	0
Industrial Interr. Sm.	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Ind. Interr.	0	0	0	0	0	0	0	0	0	0	0	0	0
Industrial Interr. Lrg.	0	0	0	0	0	0	0	0	0	0	0	0	0
Large Gen. Serv. Ind. Interr.	53,616	55,376	47,907	32,905	0	0	0	0	0	0	0	0	189,000
Large Volume Service	0	0	0	0	0	0	0	0	0	0	0	0	0
Sales	83,241	90,153	120,768	166,894	279,253	144,046	169,085	78,679	34,662	28,147	28,278	22,380	1,245,586
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	83,241	90,153	120,768	166,894	279,253	144,046	169,085	78,679	34,662	28,147	28,278	22,380	1,245,586
Jackson and Gordonville													
Residential	65,529	80,833	197,957	325,848	714,324	422,901	476,084	258,643	114,268	75,612	70,026	63,675	2,865,700
Commercial Firm	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Comm. Firm	29,985	34,220	75,074	132,650	316,443	175,752	207,785	99,685	44,231	33,092	30,573	28,971	1,208,461
Commercial Interr.	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Comm. Interr.	0	0	0	0	0	0	0	0	0	0	0	0	0
Large Gen. Serv. Comm. Interr.	1,450	2,129	5,632	0	0	0	0	0	0	0	1,717	1,719	12,647
Industrial Firm	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Ind. Firm	0	0	0	0	0	0	0	0	0	0	0	0	0
Industrial Interr. Sm.	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Ind. Interr.	118	53	851	4,692	2,675	2,093	3,756	575	875	880	0	0	16,568
Industrial Interr. Lrg.	0	0	0	0	0	0	0	0	0	0	0	0	0
Large Gen. Serv. Ind. Interr.	152,527	161,720	177,160	244,783	265,171	200,640	246,087	172,984	144,357	138,964	113,280	145,551	2,164,224
Large Volume Service	0	0	0	0	0	0	0	0	0	0	0	0	0
Sales	248,609	278,955	456,674	707,973	1,298,613	801,396	933,712	531,887	303,731	249,548	215,596	239,916	6,267,600
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	249,609	278,955	456,674	707,973	1,298,613	801,396	933,712	531,887	303,731	249,548	215,596	239,916	6,267,600
Kirkville													
Residential	60,868	118,178	324,090	445,406	1,017,723	689,972	681,636	386,850	213,546	88,073	66,308	53,581	4,146,000
Commercial Firm	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Comm. Firm	65,655	98,387	237,866	318,647	646,631	427,101	431,652	226,430	130,650	80,332	69,572	65,871	2,798,794
Commercial Interr.	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Comm. Interr.	638	2,291	10,219	17,221	33,695	14,322	14,257	4,138	1,640	787	537	532	100,277
Large Gen. Serv. Comm. Interr.	111,631	173,670	215,644	241,158	307,136	220,171	230,705	161,225	87,082	100,119	79,030	96,360	2,023,931
Industrial Firm	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Ind. Firm	947	1,145	6,379	11,647	13,009	10,806	10,580	7,034	3,201	1,444	1,276	1,363	68,831
Industrial Interr. Sm.	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Ind. Interr.	(299)	1,360	5,838	13,909	20,303	6,231	2,958	0	0	0	0	0	50,300
Industrial Interr. Lrg.	0	0	0	0	0	0	0	0	0	0	0	0	0
Large Gen. Serv. Ind. Interr.	82,564	103,041	80,864	77,530	76,450	100,446	99,702	78,734	66,916	71,238	72,518	172,218	1,082,221
Large Volume Service	0	0	0	0	0	0	0	0	0	0	0	0	0
Sales	322,004	498,072	880,900	1,125,518	2,114,947	1,469,049	1,471,490	864,411	503,035	341,993	288,241	389,925	10,270,585
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	322,004	498,072	880,900	1,125,518	2,114,947	1,469,049	1,471,490	864,411	503,035	341,993	288,241	389,925	10,270,585

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	Sep-98	Oct-98	Nov-98	Dec-98	Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Total
Northern System													
Residential	217,200	258,576	631,893	1,089,202	2,458,500	1,421,407	1,595,116	917,411	389,656	239,523	219,240	188,300	9,599,824
Commercial Firm	167,933	152,775	109,237	414,745	1,054,174	633,416	634,656	380,134	168,821	123,392	122,580	122,318	4,084,181
Small Gen. Serv. Comm. Firm	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial Interr.	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Comm. Interr.	16,747	12,139	153,991	11,939	13,703	12,246	12,440	12,655	12,637	12,313	12,932	13,439	297,181
Large Gen. Serv. Comm. Interr.	49,144	44,618	14,033	84,959	66,716	64,398	66,506	48,641	36,365	52,806	32,165	34,312	594,663
Industrial Firm	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Ind. Firm	7,778	9,347	10,890	13,305	31,741	26,431	22,963	25,716	11,330	8,115	4,321	5,199	177,136
Industrial Interr. Sm.	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Ind. Interr.	0	4,129	12,438	2,006	152	100	202	150	41	0	0	9	19,227
Industrial Interr. Lrg.	0	0	0	0	0	0	0	0	0	0	0	0	0
Large Gen. Serv. Ind. Interr.	70,410	78,615	137,659	79,618	83,570	86,619	95,920	85,213	71,552	77,067	89,567	104,529	1,060,100
Large Volume Service	0	0	0	0	0	0	0	0	0	0	0	0	0
Sales	529,212	560,199	1,069,941	1,675,774	3,708,566	2,244,617	2,427,803	1,469,920	684,402	513,216	480,805	468,106	15,832,551
Transportation	1,131,972	1,209,502	1,275,395	1,340,788	1,343,868	1,223,784	1,377,988	1,239,313	1,300,697	1,243,474	1,161,281	1,201,814	15,049,676
Total	1,661,184	1,769,701	2,345,336	3,016,562	5,052,424	3,468,401	3,805,791	2,709,233	1,985,099	1,756,690	1,642,086	1,669,920	30,882,227
Oak Ridge													
Residential	1,257	2,312	6,149	12,397	16,815	11,291	12,164	3,889	1,551	1,491	1,294	1,225	71,835
Commercial Firm	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Comm. Firm	358	383	1,565	3,657	5,547	3,769	4,738	1,113	410	322	268	271	22,401
Commercial Interr.	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Comm. Interr.	0	0	0	0	0	0	0	0	0	0	0	0	0
Large Gen. Serv. Comm. Interr.	0	0	0	0	0	0	0	0	0	0	0	0	0
Industrial Firm	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Ind. Firm	0	0	0	0	0	0	0	0	0	0	0	0	0
Industrial Interr. Sm.	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Ind. Interr.	0	0	0	0	0	0	0	0	0	0	0	0	0
Industrial Interr. Lrg.	0	0	0	0	0	0	0	0	0	0	0	0	0
Large Gen. Serv. Ind. Interr.	0	0	0	0	0	0	0	0	0	0	0	0	0
Large Volume Service	0	0	0	0	0	0	0	0	0	0	0	0	0
Sales	1,615	2,695	7,714	16,054	22,362	15,060	16,902	5,002	1,961	1,813	1,562	1,496	94,236
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,615	2,695	7,714	16,054	22,362	15,060	16,902	5,002	1,961	1,813	1,562	1,496	94,236
Piggott, Arkansas													
Residential	34,825	43,398	122,078	198,590	483,609	286,437	302,467	190,949	75,449	40,479	36,557	31,059	1,845,100
Commercial Firm	30,801	31,149	49,960	92,589	219,318	135,601	133,604	79,586	40,076	28,390	15,004	13,631	869,706
Commercial Interr.	2,777	4,095	16,080	37,925	72,932	48,553	46,475	27,565	4,945	1,601	13,991	11,595	288,534
Industrial Firm	0	0	0	0	0	0	0	0	0	0	0	0	0
Industrial Interr. Sm.	2,232	5,072	12,001	163	2	2	2	2	0	0	0	2,829	22,303
Industrial Interr. Lrg.	0	0	0	0	0	0	0	0	0	0	0	0	0
Sales	70,635	83,714	200,119	329,267	775,861	470,593	482,546	298,102	120,470	70,470	65,552	59,114	3,026,443
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	70,635	83,714	200,119	329,267	775,861	470,593	482,546	298,102	120,470	70,470	65,552	59,114	3,026,443

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	Sep-98	Oct-98	Nov-98	Dec-98	Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Total
Piedmont and Greenville													
Residential	11,515	21,666	50,421	76,858	177,875	96,012	116,050	54,577	30,664	14,635	14,421	11,452	676,146
Commercial Firm	8,968	12,754	24,734	44,570	98,438	58,844	64,379	35,126	16,572	9,334	10,754	8,715	393,088
Small Gen. Serv. Comm. Firm	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial Interr.	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Comm. Interr.	0	0	0	0	0	0	0	0	0	0	0	0	0
Large Gen. Serv. Comm. Interr.	0	0	0	0	0	0	0	0	0	0	0	0	0
Industrial Firm	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Ind. Firm	0	0	0	0	0	0	0	0	0	0	0	0	0
Industrial Interr. Sm.	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Ind. Interr.	0	0	0	0	0	0	0	0	0	0	0	0	0
Industrial Interr. Lrg.	0	0	0	0	0	0	0	0	0	0	0	0	0
Large Gen. Serv. Ind. Interr.	18,716	21,375	21,905	27,264	29,845	22,450	21,232	24,764	21,549	17,455	20,271	23,077	289,900
Large Volume Service	0	0	0	0	0	0	0	0	0	0	0	0	0
Sales	39,099	55,795	97,060	148,692	306,158	177,306	207,661	114,467	68,785	41,424	45,446	43,244	1,339,137
Transportation	133,376	128,077	93,753	107,838	114,699	154,344	185,732	118,327	135,796	158,750	146,423	152,989	1,640,104
Total	172,475	183,872	190,813	256,530	420,857	331,650	397,393	232,794	204,581	200,174	191,869	196,233	2,979,241
Pulisco													
Residential	5,449	5,524	15,207	20,953	63,626	32,474	37,344	25,620	11,356	5,583	5,348	4,329	232,813
Commercial Firm	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Comm. Firm	4,856	4,977	11,111	16,946	48,554	26,372	30,795	21,191	9,445	5,237	4,934	4,308	180,526
Commercial Interr.	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Comm. Interr.	0	0	0	0	0	0	0	0	0	0	0	0	0
Large Gen. Serv. Comm. Interr.	0	0	0	0	0	0	0	0	0	0	0	0	0
Industrial Firm	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Ind. Firm	0	0	0	0	0	0	0	0	0	0	0	0	0
Industrial Interr. Sm.	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Ind. Interr.	0	0	0	0	0	0	0	0	0	0	0	0	0
Industrial Interr. Lrg.	0	0	0	0	0	0	0	0	0	0	0	0	0
Large Gen. Serv. Ind. Interr.	0	0	0	0	0	0	0	0	0	0	0	0	0
Large Volume Service	0	0	0	0	0	0	0	0	0	0	0	0	0
Sales	10,105	10,501	26,318	37,899	112,180	60,846	68,139	46,811	20,801	10,820	10,282	8,637	423,339
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	10,105	10,501	26,318	37,899	112,180	60,846	68,139	46,811	20,801	10,820	10,282	8,637	423,339
Southern System													
Residential	163,882	201,609	537,833	894,742	2,049,990	1,181,863	1,299,472	739,239	297,971	184,372	168,308	142,291	

Associated Natural Gas Company, Division Arkansas Western Gas Company
Summary of Sales For Arkansas and Southeast Missouri
1998-99 ACA Period

	Sep-98	Oct-98	Nov-98	Dec-98	Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Total
Total Arkansas													
Residential	255,252	305,593	798,435	1,341,073	3,261,098	1,849,800	2,025,799	1,243,340	483,223	291,295	263,859	225,966	12,345,733
Commercial Firm	139,927	145,536	303,376	508,481	1,496,979	778,458	906,334	488,223	206,587	152,290	133,091	124,692	5,383,984
Commercial Interr.	101,208	85,034	91,445	129,740	213,670	158,452	161,937	117,281	61,361	45,102	46,495	42,331	1,254,056
Industrial Firm	30	46	128	198	6,361	895	2,417	411	66	29	28	25	10,634
Industrial Interr. Sm.	94,652	401,153	342,209	132,828	256,437	144,230	179,701	99,937	63,760	56,782	54,980	61,799	1,898,468
Industrial Interr. Lrg.	123,940	84,505	140,588	109,023	273,569	143,983	212,396	113,388	93,504	82,593	74,566	64,328	1,516,383
Sales	715,009	1,021,867	1,617,181	2,221,353	5,518,114	3,075,818	3,488,584	2,062,580	908,501	628,091	573,019	519,141	22,409,258
Transportation	773,816	1,034,566	832,771	747,790	1,151,222	1,022,225	1,197,148	1,058,556	1,123,541	1,096,142	1,067,409	1,069,316	12,144,502
Total	1,488,925	2,026,433	2,599,952	2,969,143	6,869,336	4,696,043	4,685,732	3,121,136	2,032,042	1,724,233	1,640,428	1,588,457	34,553,760
Southeast Missouri													
Residential	486,013	608,325	1,530,272	2,558,108	5,786,214	3,352,950	3,736,239	2,110,225	886,889	551,948	502,394	431,456	22,541,100
Commercial Firm	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Comm. Firm	315,524	321,827	425,955	569,388	2,405,374	1,411,225	1,473,034	838,785	385,269	278,359	272,227	270,119	9,367,086
Commercial Interr.	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Comm. Interr.	18,493	25,190	168,291	12,987	17,448	14,984	15,442	14,715	13,506	13,312	13,360	13,766	341,494
Large Gen. Serv. Comm. Interr.	112,744	107,288	73,240	139,593	118,192	117,563	129,544	106,608	85,090	101,437	86,179	84,469	1,261,947
Industrial Firm	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Ind. Firm	15,464	16,889	17,953	20,996	44,077	33,751	31,063	33,238	18,377	14,886	10,824	13,028	270,546
Industrial Interr. Sm.	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Gen. Serv. Ind. Interr.	1,029	11,288	31,870	10,223	3,288	2,541	4,220	948	1,463	902	4,484	7,579	79,735
Industrial Interr. Lrg.	0	0	0	0	0	0	0	0	0	0	0	0	0
Large Gen. Serv. Ind. Interr.	327,730	446,708	533,391	444,036	476,978	366,249	431,847	325,007	258,402	249,205	232,731	280,636	4,372,920
Large Volume Service	0	0	0	0	0	0	0	0	0	0	0	0	0
Sales	1,276,997	1,537,515	2,780,972	4,155,331	8,851,571	5,292,263	5,821,389	3,429,426	1,648,996	1,210,049	1,122,199	1,101,053	38,234,761
Transportation	1,496,807	1,609,794	1,688,456	1,819,911	1,887,290	1,714,476	1,956,131	1,636,424	1,691,420	1,666,796	1,510,196	1,603,803	20,281,506
Total	2,773,804	3,147,309	4,469,430	5,975,242	10,738,861	7,013,739	7,777,520	5,065,850	3,340,416	2,876,845	2,632,395	2,704,856	58,516,267
Total Company													
Residential	847,502	1,100,725	2,839,108	4,635,424	10,723,434	6,321,700	6,856,271	3,997,696	1,720,817	990,691	882,719	752,842	41,668,929
Commercial Firm	139,927	145,536	303,376	508,481	1,496,979	778,458	906,334	488,223	206,587	152,290	133,091	124,692	5,383,984
Small Gen. Serv. Comm. Firm	401,458	444,828	724,772	1,393,306	3,305,475	2,004,504	2,048,819	1,147,110	556,464	383,704	364,597	355,722	13,130,759
Commercial Interr.	101,208	85,034	91,445	129,740	213,670	158,452	161,937	117,281	61,361	45,102	46,495	42,331	1,254,056
Small Gen. Serv. Comm. Interr.	19,131	27,481	179,762	32,637	57,044	32,758	32,758	20,355	15,762	14,123	13,913	14,315	460,209
Large Gen. Serv. Comm. Interr.	227,808	285,195	293,539	387,580	437,669	348,071	368,613	275,830	177,358	205,372	168,394	185,426	3,360,855
Industrial Firm	30	46	128	198	6,361	895	2,417	411	66	29	28	25	10,634
Small Gen. Serv. Ind. Firm	16,411	18,908	24,332	32,643	57,086	44,557	41,643	40,272	21,579	16,330	12,100	14,391	340,100
Industrial Interr. Sm.	94,652	401,153	342,209	132,828	266,437	144,230	179,701	99,937	63,760	56,782	54,980	61,799	1,898,468
Small Gen. Serv. Ind. Interr.	730	12,648	37,708	24,132	23,591	8,772	7,178	848	1,463	902	4,484	7,579	130,035
Industrial Interr. Lrg.	123,940	84,505	140,588	109,023	273,569	143,983	212,396	113,388	93,504	82,593	74,566	64,328	1,516,383
Large Gen. Serv. Ind. Interr.	427,323	569,506	635,697	548,249	588,111	490,982	558,180	426,263	342,009	336,626	331,087	491,698	5,743,729
Large Volume Service	0	0	0	0	0	0	0	0	0	0	0	0	0
Sales	2,400,120	3,175,565	5,612,664	7,934,251	17,447,426	10,477,362	11,376,417	6,727,614	3,260,730	2,284,544	2,086,454	2,115,146	74,898,293
Transportation	2,270,623	2,614,360	2,521,229	2,567,701	3,038,512	2,736,701	3,153,279	2,694,960	2,814,961	2,762,938	2,577,605	2,673,119	32,426,008
Total	4,670,743	5,789,925	8,133,893	10,501,952	20,485,938	13,214,063	14,529,696	9,422,594	6,075,691	5,047,482	4,664,059	4,788,265	107,324,301

Associated Natural Gas Company
Division of Arkansas Western Gas Company
Index of Abbreviations
1998/99 ACA

Exhibit II-E

Abbreviations are used throughout the gas cost allocation workpapers and in the take-or-pay exhibits. Following are explanations of these abbreviations:

<u>Abbreviation</u>	<u>Explanation</u>
AER	Arkla Energy Resources Company
AMOCO	Amoco Energy Trading Corporation
ANG	Associated Natural Gas Company
ANR	ANR Pipeline Company
ANRPL	ANR Pipeline Company
AW Pipeline	Arkansas Western Pipeline Company
AWG	Arkansas Western Gas Company
AWG G&T	Arkansas Western Gas Company Gathering and Transmission Charge
AWP	Arkansas Western Pipeline Company
AWPL	Arkansas Western Pipeline Company
I/C	Interconnected System
LNG	Liquified Natural Gas Plant
MRT	Mississippi River Transmission Corporation
MRTEM	MRT Energy Marketing
NGC	Natural Gas Clearinghouse
NGPL	Natural Gas Pipeline Company of America
NGT	NorAm Gas Transmission Company
NOARK	NOARK Pipeline System
NORAM	NorAm Gas Transmission Company
OZARK	Ozark Gas Transmission System
PEPL	Panhandle Eastern Pipeline Company
PHE	Panhandle Eastern Pipeline Company
POA	Point Operator Agreement
SEMO	Southeast Missouri District
TETC	Texas Eastern Transmission Corporation
TETCO	Texas Eastern Transmission Corporation

SECTION III

CALCULATION OF TAKE-OR-PAY RECOVERY FACTORS

Preface

TOP-1	Calculation of Regular Take-or-Pay Costs as of August 31, 1999
TOP-2	Court-Ordered Take-or-Pay Costs as of August 31, 1999
TOP-3	Court-Ordered Take-or-Pay Billed to Former Transporters - SEMO District
TOP-4	Court-Ordered Take-or-Pay Billed to Former Transporters - Kirksville District
TOP-5	Court-Ordered Take-or-Pay Billed to Former Transporters - Butler District

PREFACE

The purpose of this section is to account for the allocation and recovery of take-or-pay costs. For prior ACA cases take-or-pay costs were allocated between classes of customers based on their respective annual Ccf sales and transportation volumes. These costs were recovered through the ACA. During the 1995/1996 ACA period the Company modified its Purchased Gas Adjustment Clause and created a separate take-or-pay recovery factor. This modification was effective November 1, 1995. Under this modification, take-or-pay costs are not allocated between customer classes. The costs are pooled together and one recovery factor applies to all sales and transportation volumes.

Effective March 1, 1998, in accordance with Commission File No. 9800636 the Company began recovery of certain court-ordered take-or-pay costs. This recovery is attributable to all customers who were transportation customers on January 1, 1998.

Exhibit TOP-1 summarizes take-or-pay costs for the Butler district. Exhibit TOP-2 summarizes court-ordered take-or-pay costs that are recoverable from transportation customers. TOP-3, TOP-4 and TOP-5 summarizes court-ordered take-or-pay costs recovered from interruptible sales customers who were transportation customers on January 1, 1998 for SEMO, Kirksville, and Butler districts respectively.

ASSOCIATED NATURAL GAS COMPANY
Division of Arkansas Western Gas Company
Calculation of Regular Take-or-Pay Costs as of August 31, 1999
1998/1999 ACA

		<u>Butler</u>
Take-or-Pay cost balance at Aug. 31, 1998	(1)	0.00
Take-or-Pay costs billed Sept. 98 - Aug. 99		<u>0.00</u>
Total Take-or-Pay costs to recover		0.00
Sales and transportation Ccf usage billed for usage before Nov. 1, 1998		323,130
Take-or-Pay recovery factor		<u>0.00100</u>
Take-or-Pay costs recovered		<u>323.13</u>
Sales and transportation Ccf usage billed for usage after Oct. 31, 1998		
Take-or-Pay recovery factor		<u>0.00000</u>
Take-or-Pay costs recovered		<u>0.00</u>
Take-or-Pay costs recovered Sept. 98 - Aug. 99		<u>323.13</u>
(Over)/Under recovered Take-or-Pay costs for current ACA period:		(323.13)
Expected costs: 9/1/98 - 8/31/99		0.00
Refunds of costs previously billed		0.00
Costs transferred to ACA balance		
Allocated to Firm Sales	(2)	(286.22)
Allocated to Interruptible Sales	(2)	<u>(36.91)</u>
Total costs to recover		<u><u>0.00</u></u>

(1) See 97/98 ACA Filing, Exhibit TOP-1

(2) Allocation based on estimated Ccf usage. See exhibits BF and BI.

ASSOCIATED NATURAL GAS COMPANY
Division of Arkansas Western Gas Company
Court-Ordered Take-or-Pay Costs as of August 31, 1999
1998/1999 ACA

	<u>SEMO</u>	<u>Kirksville</u>	<u>Butler</u>
Total costs to recover (1)	353,155.71	33,564.30	294.29
Pipeline Refunds:			
	0.00	0.00	0.00
	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
Total	0.00	0.00	0.00
Transportation Ccf Sept. 98 - Aug. 99	20,281,506	0	0
Former transporter Ccf Sept. 98 - Aug. 99 (2)	<u>1,999,429</u>	<u>2,725,774</u>	<u>288,576</u>
Total Ccf	22,280,935	2,725,774	288,576
Take-or-Pay recovery factor effective Sept. 98 - Aug. 99	0.01230	0.00861	0.00068
Take-or-Pay costs recovered Sept. 98 - Aug. 99	<u>274,055.47</u>	<u>23,468.90</u>	<u>196.22</u>
(Over)/Under recovered Take-or-Pay costs as of Aug. 31, 1999	<u>79,100.24</u>	<u>10,095.40</u>	<u>98.07</u>
Costs transferred to ACA balance Allocated to Interruptible Sales			<u>98.07</u>
Total costs to recover	<u>79,100.24</u>	<u>10,095.40</u>	<u>0.00</u>

(1) See 97/98 ACA Filing, Exhibit TOP-3

(2) See Exhibit TOP-3, TOP-4, and TOP-5.

Associated Natural Gas Company
Court-Ordered Take-or-Pay Billed to Former Transporters - SEMO District
For the Period September 1, 1998 through August 31, 1999
1998/1999 ACA

<u>Month/Year</u>	<u>Interruptible Ccf Usage (1)</u>	<u>Rate Per Ccf</u>	<u>Amount Billed (2)</u>
Sep-98	144,895	0.0123	1,782.21
Oct-98	152,924	0.0123	1,880.97
Nov-98	164,942	0.0123	2,028.78
Dec-98	230,920	0.0123	2,840.32
Jan-98	240,647	0.0123	2,959.96
Feb-98	182,946	0.0123	2,250.24
Mar-98	223,347	0.0123	2,747.17
Apr-98	155,279	0.0123	1,909.93
May-98	133,377	0.0123	1,640.54
Jun-98	130,277	0.0123	1,602.41
Jul-98	103,204	0.0123	1,269.41
Aug-98	136,671	0.0123	1,681.05
Total	<u>1,999,429</u>		<u>24,592.99</u>

- (1) Included in Exhibit TOP-2.
(2) Included in Column 9 of Exhibit SI.

Associated Natural Gas Company
Court-Ordered Take-or-Pay Billed to Former Transporters - Kirksville District
For the Period September 1, 1998 through August 31, 1999
1998/1999 ACA

<u>Month/Year</u>	<u>Interruptible Ccf Usage (1)</u>	<u>Rate Per Ccf</u>	<u>Amount Billed (2)</u>
Sep-98	165,406	0.00861	1,424.15
Oct-98	216,895	0.00861	1,867.47
Nov-98	271,852	0.00861	2,340.64
Dec-98	304,881	0.00861	2,625.02
Jan-98	383,495	0.00861	3,301.89
Feb-98	287,417	0.00861	2,474.66
Mar-98	309,401	0.00861	2,663.94
Apr-98	223,748	0.00861	1,926.47
May-98	135,288	0.00861	1,164.83
Jun-98	146,056	0.00861	1,257.54
Jul-98	136,171	0.00861	1,172.43
Aug-98	<u>145,164</u>	0.00861	<u>1,249.86</u>
Total	<u>2,725,774</u>		<u>23,468.90</u>

(1) Included in Exhibit TOP-2.

(2) Included in Column 9 of Exhibit K1.

Associated Natural Gas Company
Court-Ordered Take-or-Pay Billed to Former Transporters - Butler District
For the Period September 1, 1998 through August 31, 1999
1998/1999 ACA

<u>Month/Year</u>	<u>Interruptible Ccf Usage (1)</u>	<u>Rate Per Ccf</u>	<u>Amount Billed (2)</u>
Sep-98	17,017	0.00068	11.57
Oct-98	19,757	0.00068	13.43
Nov-98	21,442	0.00068	14.58
Dec-98	26,683	0.00068	18.15
Jan-98	32,683	0.00068	22.22
Feb-98	24,287	0.00068	16.52
Mar-98	26,631	0.00068	18.11
Apr-98	22,522	0.00068	15.31
May-98	16,691	0.00068	11.35
Jun-98	16,183	0.00068	11.00
Jul-98	25,838	0.00068	17.57
Aug-98	<u>38,842</u>	0.00068	<u>26.41</u>
Total	<u><u>288,576</u></u>		<u><u>196.22</u></u>

(1) Included in Exhibit TOP-2.

(2) Included in Column 9 of Exhibit B1.

SECTION IV

CALCULATION OF TRANSITION COST FACTORS

Preface

TC-1	Transition Cost Factor 2
TC-2	Summary of Transition Costs Billed
TC-3	Pre-March 1996 Transition Costs as of August 31, 1999
TC-4	Pre-March 1996 Transition Costs Billed to Former Transporters – SEMO District
TC-5	Pre-March 1996 Transition Costs Billed to Former Transporters – Kirksville District
TC-6	Transition Cost Factor 1

PREFACE

The purpose of this section is to account for the allocation and recovery of transition costs. Effective March 1, 1996, the Company modified its Purchased Gas Adjustment Clause and created a separate transition cost recovery factor.

Under these tariff provisions transition costs are divided into two types, each having a separate recovery factor, TC Factor 1 and TC Factor 2.

Exhibit TC-1 calculates "TC Factor 2" for the Southeast Missouri and Butler Districts. Exhibit TC-2 summarizes the transition costs paid during the ACA period. TC-3 summarizes pre-March 1996 transition costs that have been allocated to transportation customers. TC-4 and TC-5 summarizes pre-March 1996 transition costs recovered from interruptible sales customers who were transportation customers on July 31, 1998. Recovery of these costs was approved effective October 1, 1998 per Commission File No. 9900166. TC-6 calculates "TC Factor 2" for the SEMO District.

ASSOCIATED NATURAL GAS COMPANY
A Division of Arkansas Western Gas Company
Transition Cost Factor 2
1998/1999 ACA

		<u>SEMO</u>	<u>Butler</u>
Transition cost balance at Aug. 31, 1998	(1)	(20,813.06)	5,550.58
Factor 2 Transition costs billed Sept. 98 - Aug. 9	(2)	1,637.64	49,836.85
Sales and transportation Ccf usage billed for usage before Nov. 1, 1998		7,144,539	323,130
Transition Cost Factor 2		<u>0.00078</u>	<u>0.02323</u>
Transition costs recovered		<u>5,572.74</u>	<u>7,506.31</u>
Sales and transportation Ccf usage billed for usage after Nov. 1, 1998		51,371,728	3,660,559
Transition Cost Factor 2		<u>(0.00033)</u>	<u>0.01189</u>
Transition costs recovered		<u>(16,952.67)</u>	<u>43,524.02</u>
Total transition cost recovered Sept. 98- Aug. 99		<u>(11,379.93)</u>	<u>51,030.33</u>
(Over)/Under recovered transition costs for current ACA period:		(7,795.49)	4,357.10
Expected costs: 9/1/99 - 8/31/00		0.00	0.00
Refunds of costs previously billed		<u>0.00</u>	<u>0.00</u>
Total costs to recover		(7,795.49)	4,357.10
Expected Ccf sales & transport.: Sept. 99 - Aug. 00		<u>60,803,230</u>	<u>4,400,521</u>
TC Factor 2 per Ccf		<u><u>(0.00013)</u></u>	<u><u>0.00099</u></u>

(1) See 97/98 ACA filing, Exhibit TC-1

(2) See Exhibit TC-2

ASSOCIATED NATURAL GAS COMPANY
Division of Arkansas Western Gas Company
Summary of Transition Costs Billed
1998/1999 ACA

Month/ Year	Description	SEMO				Butler
		TETC	MRTC	Natural Gas Pipeline	Total	Panhandle Eastern
Sep-98				0.00	0.00	8,306.12
Oct-98	Factor 1		620.00	0.00	620.00	8,306.12
Nov-98				0.00	0.00	8,306.12
Dec-98				0.00	0.00	8,306.12
Jan-99				0.00	0.00	8,306.12
Feb-99				0.00	0.00	8,306.25
Mar-99	Factor 2	2,892.34	0.00	0.00	2,892.34	0.00
Apr-99				0.00	0.00	0.00
May-99				0.00	0.00	0.00
Jun-99				0.00	0.00	0.00
Jul-99				0.00	0.00	0.00
Aug-99				0.00	0.00	0.00
Transition costs to recover		<u>2,892.34</u>	<u>620.00</u>	<u>0.00</u>	<u>3,512.34</u>	<u>49,836.85</u>
Less : Cost allocated to Arkansas		<u>1,254.70</u>			<u>1,254.70</u>	
Missouri transition cost (1)		<u>1,637.64</u>	<u>620.00</u>	<u>0.00</u>	<u>2,257.64</u>	<u>49,836.85</u>

(1) See Exhibit TC-1

ASSOCIATED NATURAL GAS COMPANY
Division of Arkansas Western Gas Company
Pre-March 1996 Transition Costs as of August 31, 1999
1998/1999 ACA

	<u>SEMO</u>	<u>Kirksville</u>
Total costs to recover (1)	214,501.88	12,912.24
Transportation Ccf Oct. 98 - Aug. 99	18,784,699	0
Former Transporter Ccf Oct. 98 - Aug. 99 (2)	1,854,534	2,560,368
Total Ccf	<u>20,639,233</u>	<u>2,560,368</u>
Pre- March 1996 recovery factor effective Sept. 98 - Aug. 99	0.00364	0.00176
Pre - March 1996 costs recovered Oct. 98 - Aug. 99	<u>75,126.83</u>	<u>4,506.26</u>
(Over)/Under recovered Pre - March 1996 Transition costs as of Aug. 31, 1999	<u><u>139,375.05</u></u>	<u><u>8,405.98</u></u>

(1) See 97 - 98 ACA filing Exhibit TC-3

(2) See Exhibit TC-4 and TC-5

ASSOCIATED NATURAL GAS COMPANY
Division of Arkansas Western Gas Company
Pre-March 1996 Transition Costs Billed to Former Transporters - SEMO District
1998/1999 ACA

<u>Month/Year</u>	<u>Interruptible Ccf Usage (1)</u>	<u>Rate Per Ccf</u>	<u>Amount Billed (2)</u>
Oct-98	152,924	0.00364	556.64
Nov-98	164,942	0.00364	600.39
Dec-98	230,920	0.00364	840.55
Jan-99	240,647	0.00364	875.96
Feb-99	182,946	0.00364	665.92
Mar-99	223,347	0.00364	812.98
Apr-99	155,279	0.00364	565.22
May-99	133,377	0.00364	485.49
Jun-99	130,277	0.00364	474.21
Jul-99	103,204	0.00364	375.66
Aug-99	136,671	0.00364	497.48
	<u>1,854,534</u>		<u>6,750.50</u>

(1) Included in Exhibit TC-3

(2) Included in Column 8 of Exhibit SI

ASSOCIATED NATURAL GAS COMPANY

Division of Arkansas Western Gas Company

Pre-March 1996 Transition Costs Billed to Former Transporters - Kirksville District
1998/1999 ACA

<u>Month/Year</u>	<u>Interruptible Ccf Usage (1)</u>	<u>Rate Per Ccf</u>	<u>Amount Billed (2)</u>
Oct-98	216,895	0.00176	381.74
Nov-98	271,852	0.00176	478.46
Dec-98	304,881	0.00176	536.59
Jan-99	383,495	0.00176	674.95
Feb-99	287,417	0.00176	505.85
Mar-99	309,401	0.00176	544.55
Apr-99	223,748	0.00176	393.80
May-99	135,288	0.00176	238.11
Jun-99	146,056	0.00176	257.06
Jul-99	136,171	0.00176	239.66
Aug-99	145,164	0.00176	255.49
	<u>2,560,368</u>		<u>4,506.26</u>

(1) Included in Exhibit TC-3

(2) Included in Column 8 of Exhibit KI

ASSOCIATED NATURAL GAS COMPANY
A Division of Arkansas Western Gas Company
Transition Cost Factor 1
1998/1999 ACA

		<u>SEMO</u>
Factor 1 Transition cost balance at Aug. 31, 1998		0.00
Factor 1 Transition costs billed Sept. 98 - Aug. 99	(1)	620.00
Transition costs recovered		<u>0.00</u>
Total costs to recover		620.00
Expected Ccf sales : Sept. 99 - Aug. 00		<u>41,173,883</u>
TC Factor 1 per Ccf		<u><u>0.00002</u></u>

(1) See Exhibit TC-2

SECTION V

DEMAND STUDY UPDATE

Associated Natural Gas Company
Peak Demand Responsibility
1998-1999 Winter Season

Region	01/04/99	01/03/99	12/22/98	Average
Arkansas	41.07%	42.19%	40.73%	41.33%
Caruthersville	29.88%	29.44%	29.78%	29.70%
Sikeston	29.05%	28.37%	29.49%	28.97%
Total	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>
Arkansas - Piggott	6.72%	6.90%	6.66%	6.76%
Arkansas Excluding Piggott	<u>34.35%</u>	<u>35.29%</u>	<u>34.07%</u>	<u>34.57%</u>
Total Arkansas	<u>41.07%</u>	<u>42.19%</u>	<u>40.73%</u>	<u>41.33%</u>

ASSOCIATED NATURAL GAS COMPANY
ESTIMATED FIRM PEAK DEMANDS
Estimate for: 01/04/99

		Regression Coefficients for $Y = a + b \cdot HDD + c \cdot time + constant$		HDD for Peak Day	Peak Day Use Per Customer	Number of Customers	CCF Volume on Peak Day	Percent of Total
	a	b	constant					
Arkansas				49.0				
Residential	0.176848	0.000000	0.553473		9.219025	18,718	172,562	
C&I-Firm	0.724190	0.033894	-0.941335		39.933121	2,215	88,452	
Municipal	0.687154	0.000000	-1.294757		32.375789	68	2,202	
AFB	237.502851	0.000000	1294.730700		12932.370399	0	0	41.07%
Total Firm							263,216	
Caruthersville				51.0				
Residential	0.173353	0.023854	-0.999264		11.634525	12,451	144,861	
C&I-Firm	0.494780	0.064882	-3.291029		32.258989	1,410	45,485	
Municipal	0.591446		-2.606484		27.557262	41	1,130	29.88%
Total Firm							191,476	
Sikeston				52.0				
Residential	0.176107		0.174107		9.331671	13,685	127,704	
C&I-Firm	0.606996		0.087362		31.651154	1,825	57,763	
Municipal	0.462168		-1.560079		22.472657	31	697	29.05%
Total Firm							186,164	
Total at Meter							640,856	100.00%
Commercial and Industrial plus Municipal Customer Contributions to Peak - Using consolidated regression analysis								
Arkansas								
C&I-Firm	0.722819	0.033303	-0.974079		39.739229	2,215	88,022	
Municipal	0.722819	0.033303	-0.974079		39.739229	68	2,702	
Caruthersville								
C&I-Firm	0.497621	0.064924	-0.033681		35.667906	1,410	50,292	
Municipal	0.497621	0.064924	-0.033681		35.667906	41	1,462	
Sikeston								
C&I-Firm	0.605199	0.000000	0.036493		31.506841	1,825	57,500	
Municipal	0.605199	0.000000	0.036493		31.506841	31	977	

ASSOCIATED NATURAL GAS COMPANY
ESTIMATED ARKANSAS FIRM PEAK DEMANDS
Estimate for: 01/04/99

	Regression Coefficients			HDD for Peak Day	Peak Day Use Per Customer	Number of Customers	CCF Volume on Peak Day	Percent of Total Interconnected
	a	b	constant					
Arkansas - Piggott				49				
Residential	0.176848	0.000000	0.553473		9.219025	2,956	27,251	
C&I-Firm	0.724190	0.033894	-0.941335		39.933121	389	15,534	
Municipal	0.687154	0.000000	-1.294757		32.375789	8	259	
AFB	237.502851	0.000000	1294.730700		12932.370399	0	0	6.72%
Total Firm							43,044	
Arkansas Excluding Piggott				49				
Residential	0.176848	0.000000	0.553473		9.219025	15,762	145,310	
C&I-Firm	0.724190	0.033894	-0.941335		39.933121	1,826	72,918	
Municipal	0.687154	0.000000	-1.294757		32.375789	60	1,943	
AFB	237.502851	0.000000	1294.730700		12932.370399	0	0	
Total Firm							220,171	34.35%

Commercial and Industrial plus Municipal Customer Contributions to Peak - Using consolidated regression analysis

Arkansas - Piggott								
C&I-Firm	0.722819	0.033303	-0.974079		39.739229	389	15,459	
Municipal	0.722819	0.033303	-0.974079		39.739229	8	318	
Arkansas Excluding Piggott								
C&I-Firm	0.722819	0.033303	-0.974079		39.739229	1,826	72,564	
Municipal	0.722819	0.033303	-0.974079		39.739229	60	2,384	

**ASSOCIATED NATURAL GAS COMPANY
ESTIMATED FIRM PEAK DEMANDS**

Estimate for: 01/03/99

	Regression Coefficients for $Y = a * HDD + b * time + constant$			HDD for Peak Day	Peak Day Use Per Customer	Number of Customers	CCF Volume on Peak Day	Percent of Total
	a	b	constant					
Arkansas								
Residential	0.176848	0.000000	0.553473	47.5	8.953753	18,718	167,596	
C&I-Firm	0.724190	0.033894	-0.941335		38.846836	2,215	86,046	
Municipal	0.687154	0.000000	-1.294757		31.345058	68	2,131	
AFB	237.502851	0.000000	1294.730700		12576.116123	0	0	42.19%
Total Firm							255,773	
Caruthersville								
Residential	0.173353	0.023854	-0.999264	46.5	10.854437	12,451	135,149	
C&I-Firm	0.494780	0.064882	-3.291029		30.032479	1,410	42,346	
Municipal	0.591446		-2.606484		24.895755	41	1,021	29.44%
Total Firm							178,516	
Sikeston								
Residential	0.176107		0.174107	48.0	8.627243	13,685	118,064	
C&I-Firm	0.606996		0.087362		29.223170	1,825	53,332	
Municipal	0.462168		-1.560079		20.623985	31	639	28.37%
Total Firm							172,035	
Total at Meter							606,324	100.0%
Commercial and Industrial plus Municipal Customer Contributions to Peak - Using consolidated regression analysis								
Arkansas								
C&I-Firm	0.722819	0.033303	-0.974079		38.655001	2,215	85,621	
Municipal	0.722819	0.033303	-0.974079		38.655001	68	2,629	
Caruthersville								
C&I-Firm	0.497621	0.064924	-0.033681		33.428612	1,410	47,134	
Municipal	0.497621	0.064924	-0.033681		33.428612	41	1,371	
Sikeston								
C&I-Firm	0.605199	0.000000	0.036493		29.086045	1,825	53,082	
Municipal	0.605199	0.000000	0.036493		29.086045	31	902	

ASSOCIATED NATURAL GAS COMPANY
ESTIMATED ARKANSAS FIRM PEAK DEMANDS
Estimate for: 01/03/99

	Regression Coefficients			HDD for Peak Day	Peak Day Use Per Customer	Number of Customers	CCF Volume on Peak Day	Percent of Total Interconnected
	a	b	constant					
Arkansas - Piggott								
Residential	0.176848	0.000000	0.553473	47.5	8.953753	2,956	26,467	
C&I-Firm	0.724190	0.033894	-0.941335		38.846836	389	15,111	
Municipal	0.687154	0.000000	-1.294757		31.345058	8	251	
AFB	237.502851	0.000000	1294.730700		12576.116123	0	0	6.90%
Total Firm							41,829	
Arkansas Excluding Piggott								
Residential	0.176848	0.000000	0.553473	47.5	8.953753	15,762	141,129	
C&I-Firm	0.724190	0.033894	-0.941335		38.846836	1,826	70,934	
Municipal	0.687154	0.000000	-1.294757		31.345058	60	1,881	
AFB	237.502851	0.000000	1294.730700		12576.116123	0	0	
Total Firm							213,944	35.29%

Commercial and Industrial plus Municipal Customer Contributions to Peak - Using consolidated regression analysis

Arkansas - Piggott								
C&I-Firm	0.722819	0.033303	-0.974079		38.655001	389	15,037	
Municipal	0.722819	0.033303	-0.974079		38.655001	8	309	
Arkansas Excluding Piggott								
C&I-Firm	0.722819	0.033303	-0.974079		38.655001	1,826	70,584	
Municipal	0.722819	0.033303	-0.974079		38.655001	60	2,319	

**ASSOCIATED NATURAL GAS COMPANY
ESTIMATED FIRM PEAK DEMANDS**

Estimate for: 12/22/98

	Regression Coefficients			HDD for Peak Day	Peak Day Use Per Customer	Number of Customers	CCF Volume on Peak Day	Percent of Total
	for $Y = a * HDD + b * time + constant$							
	a	b	constant					
Arkansas				45.0				
Residential	0.176848	0.000000	0.553473		8.511633	18,505	157,508	
C&I-Firm	0.724190	0.033894	-0.941335		37.002467	2,185	80,850	
Municipal	0.687154	0.000000	-1.294757		29.627173	68	2,015	
AFB	237.502851	0.000000	1294.730700		11982.358995	0	0	40.73%
Total Firm							240,373	
Caruthersville				46.5				
Residential	0.173353	0.023854	-0.999264		10.830583	12,306	133,281	
C&I-Firm	0.494780	0.064882	-3.291029		29.967597	1,384	41,475	
Municipal	0.591446	-2.606484			24.895755	41	1,021	
Total Firm							175,777	29.78%
Sikeston				49.0				
Residential	0.176107		0.174107		8.803350	13,552	119,303	
C&I-Firm	0.606996		0.087362		29.830166	1,814	54,112	
Municipal	0.462168		-1.560079		21.086153	31	654	
Total Firm							174,069	29.49%
Total at Meter							590,219	100.0%
Commercial and Industrial plus Municipal Customer Contributions to Peak - Using consolidated regression analysis								
Arkansas								
C&I-Firm	0.722819	0.033303	-0.974079		36.814650	2,185	80,440	
Municipal	0.722819	0.033303	-0.974079		36.814650	68	2,503	
Caruthersville								
C&I-Firm	0.497621	0.064924	-0.033681		33.363688	1,384	46,175	
Municipal	0.497621	0.064924	-0.033681		33.363688	41	1,368	
Sikeston								
C&I-Firm	0.605199	0.000000	0.036493		29.691244	1,814	53,860	
Municipal	0.605199	0.000000	0.036493		29.691244	31	920	

**ASSOCIATED NATURAL GAS COMPANY
ESTIMATED ARKANSAS FIRM PEAK DEMANDS**

Estimate for: 12/22/98

	Regression Coefficients		HDD for Peak Day	Peak Day Use Per Customer	Number of Customers	CCF Volume on Peak Day	Percent of Total Interconnected
	for Y = a * HDD + b * time + constant						
	a	b					
		constant					
Arkansas - Piggott			45				
Residential	0.176848	0.000000		8.511633	2,929	24,931	
C&I-Firm	0.724190	0.033894		37.002467	382	14,135	
Municipal	0.687154	0.000000		29.627173	8	237	
AFB	237.502851	0.000000		11982.358995	0	0	
Total Firm		1294.730700				39,303	6.66%
Arkansas Excluding Piggott			45				
Residential	0.176848	0.000000		8.511633	15,576	132,577	
C&I-Firm	0.724190	0.033894		37.002467	1,803	66,715	
Municipal	0.687154	0.000000		29.627173	60	1,778	
AFB	237.502851	0.000000		11982.358995	0	0	
Total Firm		1294.730700				201,070	34.07%

Commercial and Industrial plus Municipal Customer Contributions to Peak - Using consolidated regression analysis

Arkansas - Piggott							
C&I-Firm	0.722819	0.033303		36.814650	382	14,063	
Municipal	0.722819	0.033303		36.814650	8	295	
Arkansas Excluding Piggott							
C&I-Firm	0.722819	0.033303		36.814650	1,803	66,377	
Municipal	0.722819	0.033303		36.814650	60	2,209	

SECTION VI

DEMAND CLASS ALLOCATION FACTORS

Preface

CDAF-MO

Class Demand Allocation Factors for 1999/2000

Associated Natural Gas Company
Class Demand Allocation Factors for 1999/2000
Interconnected Supply Area (SEMO District)

Description	Mcf Sales	Mcf Sales %	% x Load Factor	Peak	Peak %	% x 1 - Load Factor	Allocation Factor
Firm sales	4,799,782	85.97%	20.18%	65,165	100.00%	76.53%	96.71%
Interruptible sales	783,344	14.03%	3.29%		0.00%	0.00%	3.29%
Total sales	5,583,126			65,165			100.00%

Total sales/365	15,296
Design peak	65,165
Load factor	23.47%
1 minus Load factor	76.53%

Description	Mcf Sales	LNG	Net
Firm sales	4,839,782	40,000	4,799,782
Interruptible sales	783,344		783,344
Total sales	5,623,126	40,000	5,583,126

Capacity			
LNG	17,000	17,000	0
TETC CDS	14,826		14,826
TETC SS-1	18,839		18,839
NOARK/Piggott	1,000		1,000
AWP	23,000		23,000
Reliant	7,500		7,500
	82,165	17,000	65,165

Source of firm sales adjustments:

Estimate of normal usage supplied by LNG peaking capability.

Associated Natural Gas Company
Class Demand Allocation Factors for 1999/2000
NGPL Supply Area (SEMO District)

Description	Mcf Sales	Mcf Sales %	% x Load Factor	Peak Peak	Peak %	% x 1 - Load Factor	Allocation Factor
Firm sales	556,505	69.30%	12.91%	11,807	100.00%	81.37%	94.28%
Interruptible sales	246,570	30.70%	5.72%		0.00%	0.00%	5.72%
Total sales	803,075			11,807			100.00%
Total sales/365	2,200						
Design peak	11,807						
Load factor	18.63%						
1 minus Load factor	81.37%						
Capacity							
FTS 110767	4,077						
FTS 110759	2,200						
FTS 100072	2,000						
DSS	2,530						
POA	1,000						
	11,807						

Exhibit CDAF-MO

Associated Natural Gas Company
Class Demand Allocation Factors for 1999/2000
MRTC Supply Area (SEMO District)

Description	Mcf Sales	Mcf Sales %	% x Load Factor	Peak	Peak %	% x 1 - Load Factor	Allocation Factor
Firm sales	208,798	88.32%	16.43%	3,482	100.00%	81.40%	97.83%
Interruptible sales	27,612	11.68%	2.17%		0.00%	0.00%	2.17%
Total sales	236,410			3,482			100.00%
Total sales/365	648						
Design peak	3,482						
Load factor	18.60%						
1 minus Load factor	81.40%						
<u>Capacity</u>							
FTS 973	348						
SCT 450	3,134						
	3,482						

Associated Natural Gas Company
Class Demand Allocation Factors for 1999/2000
Kirksville District

Description	Mcf Sales	Mcf Sales %	% x Load Factor	Peak	Peak %	% x 1 - Load Factor	Allocation Factor
Firm sales	763,206	70.28%	18.18%	11,500	100.00%	74.13%	92.31%
Interruptible sales	322,742	29.72%	7.69%		0.00%	0.00%	7.69%
Total sales	1,085,948			11,500			100.00%
Total sales/365	2,975						
Design peak	11,500						
Load factor	25.87%						
1 minus Load factor	74.13%						
<u>Capacity</u>							
ETS 00001	3,850						
ETS 00050	3,850						
FTS-1 18450	3,800						
	11,500						

Associated Natural Gas Company
Class Demand Allocation Factors for 1999/2000
Butler District

Description	Mcf Sales	Mcf Sales %	% x Load Factor	Peak	Peak %	% x 1 - Load Factor	Allocation Factor
Firm sales	381,545	91.37%	13.07%	8,000	100.00%	85.70%	98.77%
Interruptible sales	36,053	8.63%	1.23%		0.00%	0.00%	1.23%
Total sales	417,598			8,000			100.00%
Total sales/365	1,144						
Design peak	8,000						
Load factor	14.30%						
1 minus Load factor	85.70%						
Capacity	8,000						
SCT	8,000						

Section VII

Refunds

REF-1	Calculation of Refund Factor
REF-2	Refund Period Interest Calculation

PREFACE

The purpose of this section is to account for pipeline refunds received and calculate firm and interruptible refund factors for the SEMO and Kirksville districts. There is no refund factor for the Butler district in the 98/99 ACA filing.

Exhibit REF-1 calculates the Firm and Interruptible refund factors for the SEMO and Kirksville districts. These factors are to become effective November 1, 1999. Exhibit REF-2 calculates the refund period interest for the SEMO and Kirksville districts, which is included in the refund amounts in Exhibit REF-1.

ASSOCIATED NATURAL GAS COMPANY
Calculation of Refund Factor
98/99 ACA

	SEMO		Kirksville	
	Firm	Interruptible	Firm	Interruptible
Pipeline Refunds and Interest up to Nov. 1, 1998 MR076	1,140.23	102.96		
Balance of Prior Refunds as of August 31, 1999	41,110.47	2,881.24	36,098.54	4,336.76
Total refundable amount with interest up to November 1, 1999	42,250.70	2,984.20	36,098.54	4,336.76
12 months estimated CCF sales	34,820,928	6,352,955	7,262,147	3,469,170
Refund factor before refund period interest	0.00121	0.00047	0.00497	0.00125
Refund period interest	(1) 1,272.41	121.63	1,054.65	169.69
Total amount to be refunded	43,523.11	3,105.83	37,153.19	4,506.45
12 Mo estimated sales	34,820,928	6,352,955	7,262,147	3,469,170
Refund factor in effect for the 12 months ending 10/31/99	0.00125	0.00049	0.00512	0.00130

(1) See Exhibit REF-2

Associated Natural Gas Company
Refund Period Interest Calculation
98/99 ACA

SEMO Firm	Nov-99	Dec-99	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00	Oct-00	Total
Beginning Balance	42,250.70												
Estimated Sales	2,838,867	4,971,483	7,365,133	5,840,564	4,772,480	3,011,792	1,524,472	905,480	809,520	738,834	849,346	1,192,957	34,820,928
Refund factor	0.00121	0.00121	0.00121	0.00121	0.00121	0.00121	0.00121	0.00121	0.00121	0.00121	0.00121	0.00121	
Refund made	3,435.03	6,015.49	8,911.81	7,067.08	5,774.70	3,644.27	1,844.61	1,095.63	979.52	893.99	1,027.71	1,443.48	42,133.32
Refund balance @ month end	38,815.67	32,800.18	23,888.37	16,821.29	11,046.59	7,402.32	5,557.71	4,462.08	3,482.56	2,588.57	1,560.86	117.38	
Avg mthly balance	40,533.19	35,807.93	28,344.28	20,354.83	13,933.94	9,224.46	6,480.02	5,009.90	3,972.32	3,035.57	2,074.72	839.12	
Days in month	30	31	31	29	31	30	31	30	31	31	30	31	366
Interest rate	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	
Estimated interest	299.83	273.71	216.66	145.55	106.51	68.24	49.53	37.06	30.36	23.20	15.35	6.41	1,272.41

SEMO Interruptible	Nov-99	Dec-99	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00	Oct-00	Total
Beginning Balance	2,984.20												
Estimated Sales	830,251	742,178	669,459	587,836	519,036	410,505	339,535	305,919	311,289	381,934	536,279	718,734	6,352,955
Refund factor	0.00047	0.00047	0.00047	0.00047	0.00047	0.00047	0.00047	0.00047	0.00047	0.00047	0.00047	0.00047	
Refund made	390.22	348.82	314.65	276.28	243.95	192.94	159.58	143.78	146.31	179.51	252.05	337.80	2,985.89
Refund balance @ month end	2,593.98	2,245.16	1,930.51	1,654.23	1,410.28	1,217.34	1,057.76	913.98	767.67	588.16	336.11	(1.69)	
Avg mthly balance	2,789.09	2,419.57	2,087.84	1,792.37	1,532.26	1,313.81	1,137.55	985.87	840.82	677.91	462.13	167.21	
Days in month	30	31	31	29	31	30	31	30	31	31	30	31	366
Interest rate	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	
Estimated interest	20.63	18.49	15.96	12.82	11.71	9.72	8.70	7.29	6.43	5.18	3.42	1.28	121.63

Associated Natural Gas Company
Refund Period Interest Calculation
98/99 ACA

Kirksville Firm	Nov-99	Dec-99	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00	Oct-00	Total
Beginning Balance	36,098.54												
Estimated Sales	647,353	1,027,128	1,519,361	1,196,628	1,036,684	680,374	354,427	181,260	131,276	117,271	134,130	236,255	7,262,147
Refund factor	0.00497	0.00497	0.00497	0.00497	0.00497	0.00497	0.00497	0.00497	0.00497	0.00497	0.00497	0.00497	
Refund made	3,217.34	5,104.83	7,551.22	5,947.24	5,152.32	3,381.46	1,761.50	900.86	652.44	582.84	666.63	1,174.19	36,092.87
Refund balance @ month end	32,881.20	27,776.37	20,225.15	14,277.91	9,125.59	5,744.13	3,982.63	3,081.77	2,429.33	1,846.49	1,179.86	5.67	
Avg mthly balance	34,489.87	30,328.79	24,000.76	17,251.53	11,701.75	7,434.86	4,863.38	3,532.20	2,755.55	2,137.91	1,513.17	592.76	
Days in month	30	31	31	29	31	30	31	30	31	31	30	31	366
Interest rate	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	
Estimated interest	255.13	231.83	183.46	123.36	89.45	55.00	37.17	26.13	21.06	16.34	11.19	4.53	1,054.65

Kirksville Interruptible	Nov-99	Dec-99	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00	Oct-00	Total
Beginning Balance	4,336.76												
Estimated Sales	346,838	397,656	461,219	361,781	359,937	283,299	161,898	175,389	173,956	245,617	227,694	273,886	3,469,170
Refund factor	0.00125	0.00125	0.00125	0.00125	0.00125	0.00125	0.00125	0.00125	0.00125	0.00125	0.00125	0.00125	
Refund made	433.55	497.07	576.52	452.23	449.92	354.12	202.37	219.24	217.45	307.02	284.62	342.36	4,336.47
Refund balance @ month end	3,903.21	3,406.14	2,829.62	2,377.39	1,927.47	1,573.35	1,370.98	1,151.74	934.29	627.27	342.65	0.29	
Avg mthly balance	4,119.99	3,654.68	3,117.88	2,603.51	2,152.43	1,750.41	1,472.17	1,261.36	1,043.02	780.78	484.96	171.47	
Days in month	30	31	31	29	31	30	31	30	31	31	30	31	366
Interest rate	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	
Estimated interest	30.48	27.94	23.83	18.62	16.45	12.95	11.25	9.33	7.97	5.97	3.59	1.31	169.69

Section VIII

Deferred Carrying Cost Balance

DCCB

Carrying Costs on DCCB Balance

Exhibit DCCB

ASSOCIATED NATURAL GAS COMPANY
Division of Arkansas Western Gas Company
Carrying Cost on DCCB Balance
1999/2000 ACA

	<u>Aug-99</u>	<u>Total</u>
<u>Kirksville Interruptible</u>		
Cumulative DCCB Balance	42,575	
Annual Gas Cost Level	<u>(32,993)</u>	
Excess	9,582	
Prime lending rate minus 1 pctg. point	<u>7.25%</u>	
Interest	<u>57.10</u>	<u>57.10</u>

ASSOCIATED NATURAL GAS COMPANY
A Division of Arkansas Western Gas Company

1999/2000 Winter PGA Filing

October 15, 1999

INDEX

Schedule:	Description:
A	Calculation of RPGA Factors
B	Allocation of Annual Demand Costs
C	Allocation of Commodity Costs
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G	Summary of Estimated Gas Cost by Supplier
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NGPL	Gas Cost Projection and Calculation for the Natural Gas Pipeline System
ANR	Gas Cost Projection and Calculation for the ANR Pipeline System
PEPL	Gas Cost Projection and Calculation for the Panhandle Eastern System
MRT	Gas Cost Projection and Calculation for the Mississippi River Transmission System
CAP-A	PGA Limits on Commodity Cost
CAP-B	Summary of Commodity Costs and Mcf

Associated Natural Gas Company
Calculation of RPGA Factors
For the 99-00 Winter Period

Line No.		Southeast Missouri		Kirkville		Butler	
		Firm	Interruptible	Firm	Interruptible	Firm	Interruptible
1	<u>Calculation of Demand RPGA:</u>						
2	Annual Demand Cost	\$6,068,962	\$239,174	\$1,280,107	\$106,639	\$264,791	\$3,301
3	Estimated Annual Ccf Sales	37,079,830	6,322,240	7,634,580	3,328,150	3,856,380	374,980
4	Demand RPGA	\$0.16367	\$0.03783	\$0.16767	\$0.03204	\$0.06866	\$0.00880
5	<u>Calculation of Commodity RPGA:</u>						
6	Commodity Cost for Winter Period	\$8,529,402	\$1,045,225	\$1,549,006	\$518,111	\$952,068	\$67,179
7	Estimated Ccf Sales for Winter Period	27,411,860	3,401,330	5,634,150	1,889,480	2,901,020	204,950
8	Calculated Commodity RPGA	\$0.31116	\$0.30730	\$0.27493	\$0.27421	\$0.32818	\$0.32778
9	Commodity Cap RPGA	\$0.28602	\$0.30002	\$0.27493	\$0.27421	\$0.32818	\$0.32778
10	Lower of Line 8 or 9	\$0.28602	\$0.30002	\$0.27493	\$0.27421	\$0.32818	\$0.32778
11	Total RPGA	\$0.44969	\$0.33785	\$0.44260	\$0.30625	\$0.39684	\$0.33658

Line	Reference
2	Schedule B, lines 18, 19, 24, 25, 30 and 31
3	Schedule F
6	Schedule C, lines 13, 14, 23, 24, 33 and 34
7	Schedule F
9	Schedule CAP-A

Associated Natural Gas Company
Allocation of Annual Demand Costs
For the 99-00 Winter PGA

No.	Allocation Factors	Nov-99	Dec-99	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00	Oct-00	TOTAL
1	Southeast Missouri													
2	Interconnected Costs	420,638	418,148	420,638	418,148	393,916	388,928	380,499	380,057	378,180	378,179	375,420	375,862	4,728,613
3	Demand Allocation													
4	Firm	406,799	404,391	406,799	404,391	380,956	376,132	367,981	367,553	365,738	365,737	363,069	363,496	4,573,042
5	Interruptible	13,839	13,757	13,839	13,757	12,960	12,796	12,518	12,504	12,442	12,442	12,351	12,366	155,571
6	Total Allocated	420,638	418,148	420,638	418,148	393,916	388,928	380,499	380,057	378,180	378,179	375,420	375,862	4,728,613
7	NGPL Area Costs													
8	Demand Allocation													
9	Firm	113,640	113,640	113,640	113,640	113,640	99,820	99,820	108,418	108,418	108,418	108,418	108,418	1,309,930
10	Interruptible	6,895	6,895	6,895	6,895	6,895	6,056	6,056	6,578	6,578	6,578	6,578	6,578	79,477
11	Total Allocated	120,535	120,535	120,535	120,535	120,535	105,876	105,876	114,996	114,996	114,996	114,996	114,996	1,389,407
12	MRT Area Costs													
13	Demand Allocation													
14	Firm	25,214	25,214	25,214	25,214	12,943	10,313	10,313	10,313	10,313	10,313	10,313	10,313	185,990
15	Interruptible	559	559	559	559	287	229	229	229	229	229	229	229	4,126
16	Total Allocated	25,773	25,773	25,773	25,773	13,230	10,542	10,542	10,542	10,542	10,542	10,542	10,542	190,116
17	Total SEMO Demand Costs													
18	Firm	545,853	543,245	545,853	543,245	507,539	486,265	478,114	486,284	484,469	484,468	481,800	482,227	6,068,982
19	Interruptible	21,293	21,211	21,293	21,211	20,142	19,081	18,803	19,311	19,249	19,249	19,158	19,173	239,174
20	Total	566,946	564,456	566,946	564,456	527,681	505,346	496,917	505,595	503,718	503,717	500,958	501,400	6,308,156
21	Kirksville													
22	Demand Costs	138,183	138,183	138,183	138,183	138,183	91,020	91,020	97,853	107,401	107,401	100,568	100,568	1,388,746
23	Demand Allocation													
24	Firm	127,557	127,557	127,557	127,557	127,557	84,021	84,021	90,328	99,142	99,142	92,834	92,834	1,280,107
25	Interruptible	10,626	10,626	10,626	10,626	10,626	6,999	6,999	7,525	8,259	8,259	7,734	7,734	106,639
26	Total Allocated	138,183	138,183	138,183	138,183	138,183	91,020	91,020	97,853	107,401	107,401	100,568	100,568	1,388,746
27	Butler													
28	Demand Costs	26,728	30,057	30,057	30,057	26,728	18,748	18,748	16,491	16,491	16,491	18,748	18,748	268,092
29	Demand Allocation													
30	Firm	26,399	29,687	29,687	29,687	26,399	18,517	18,517	16,288	16,288	16,288	18,517	18,517	264,791
31	Interruptible	329	370	370	370	329	231	231	203	203	203	231	231	3,301
32	Total Allocated	26,728	30,057	30,057	30,057	26,728	18,748	18,748	16,491	16,491	16,491	18,748	18,748	268,092

Line Reference
2 Schedule D, line 7
7 Schedule G, page 2, line 33
12 Schedule G, page 3, line 34
22 Schedule G, page 4, line 32
28 Schedule G, page 5, line 21
See 99-00 ACA filing, Section VI for class demand allocation factors.

Associated Natural Gas Company
Allocation of Commodity Costs
For the 99-00 Winter Period

Line No.		Nov-99	Dec-99	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00	Oct-00	Total	Winter Period
1	Southeast Missouri														
2	Net Commodity Costs														
3	Interconnected	1,032,392	1,544,011	1,822,473	1,466,723	928,021	534,156	282,781	228,682	222,174	225,152	54,500	515,392	8,858,457	6,793,620
4	NGPL	267,665	394,246	429,822	343,564	271,123	156,286	92,955	79,235	72,282	78,068	104,095	157,301	2,448,620	1,706,420
5	MRT	84,130	121,751	139,807	111,536	80,510	47,874	26,205	20,448	20,574	21,227	21,329	27,406	722,797	537,734
6	AWG Facilities Charge	87,123	131,803	132,935	106,151	78,841	55,065	38,786	29,616	26,879	26,657	5,817	57,015	776,688	536,853
7	Total Costs to Allocate	1,471,310	2,191,811	2,525,037	2,027,974	1,358,495	793,381	440,727	357,981	341,889	351,102	165,741	757,114	12,802,562	9,574,627
8	Allocation Factors														
9	Firm	82.46%	88.11%	92.02%	91.99%	88.03%	84.11%	77.76%	72.41%	73.43%	72.01%	70.33%	78.34%		
10	Interruptible	17.54%	11.89%	7.98%	8.01%	11.97%	15.89%	22.24%	27.59%	26.57%	27.99%	29.67%	21.66%		
11		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
12	Allocated Commodity costs														
13	Firm	1,213,242	1,931,205	2,323,539	1,865,533	1,195,883	687,313	342,709	259,214	251,049	252,829	130,632	593,123	11,026,271	8,529,402
14	Interruptible	258,068	260,606	201,498	162,441	162,612	126,068	98,018	98,767	90,840	98,273	55,109	163,991	1,776,291	1,045,225
15	Total	1,471,310	2,191,811	2,525,037	2,027,974	1,358,495	793,381	440,727	357,981	341,889	351,102	165,741	757,114	12,802,562	9,574,627
16	Kirkville														
17	Net Commodity Costs	328,301	470,985	520,928	420,588	326,315	202,832	114,860	85,201	76,353	102,176	111,784	198,490	2,958,813	2,067,117
18	Allocation Factors														
19	Firm	71.06%	75.64%	78.49%	77.40%	72.16%	68.25%	65.52%	48.81%	49.60%	40.13%	54.92%	62.55%		
20	Interruptible	28.94%	24.36%	23.51%	22.60%	27.84%	31.75%	34.48%	51.19%	50.40%	59.87%	45.08%	37.45%		
21		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
22	Allocated Commodity costs														
23	Firm	233,291	356,253	398,458	325,535	235,469	138,433	75,256	41,587	37,871	41,003	61,392	124,155	2,068,703	1,548,006
24	Interruptible	95,010	114,732	122,470	95,053	90,846	64,399	39,604	43,614	38,482	61,173	50,392	74,335	890,110	518,111
25	Total	328,301	470,985	520,928	420,588	326,315	202,832	114,860	85,201	76,353	102,176	111,784	198,490	2,958,813	2,067,117
26	Butler														
27	Net Commodity Costs	159,946	241,077	262,135	205,648	150,442	89,006	38,869	22,918	24,337	22,324	33,061	71,527	1,321,290	1,019,248
28	Allocation Factors														
29	Firm	93.07%	93.93%	93.56%	93.98%	91.89%	88.54%	85.32%	80.61%	73.30%	78.45%	84.23%	90.36%		
30	Interruptible	6.93%	6.07%	6.44%	6.02%	8.11%	11.46%	14.68%	19.39%	26.70%	21.55%	15.77%	9.64%		
31		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
32	Allocated Commodity costs														
33	Firm	148,862	226,444	245,253	193,268	138,241	78,806	33,163	18,474	17,839	17,513	27,847	64,632	1,210,342	952,068
34	Interruptible	11,084	14,633	16,881	12,380	12,201	10,200	5,706	4,444	6,498	4,811	5,214	6,895	110,947	67,179
35	Total	159,946	241,077	262,134	205,648	150,442	89,006	38,869	22,918	24,337	22,324	33,061	71,527	1,321,289	1,019,247

Line Reference
3 Schedule D, line 17
4 Schedule G, page 2, line 34
5 Schedule G, page 3, line 35
6 Schedule E, line 11
17 Schedule G, page 4, line 33
27 Schedule G, page 5, line 22
See schedule F, lines 20-29 for class commodity allocation factors

Associated Natural Gas Company
Allocation of Gas Cost Between States
For the 99-00 Winter Period

Line No.		Nov-99	Dec-99	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00	Oct-00	TOTAL
1	Total Interconnected													
2	Demand	716,956	712,711	716,956	712,711	671,409	662,908	648,541	647,788	644,589	644,586	639,884	640,637	8,059,676
3	Commodity	1,957,884	2,862,991	3,357,540	2,613,548	1,669,102	935,474	484,712	380,503	370,847	371,354	475,979	966,421	16,446,355
4	Total	2,674,840	3,575,702	4,074,496	3,326,259	2,340,511	1,598,382	1,133,253	1,028,291	1,015,436	1,015,940	1,115,863	1,607,058	24,506,031
5	Demand													
6	Arkansas	296,318	294,563	296,318	294,563	277,493	273,980	268,042	267,731	266,409	266,407	264,464	264,775	3,333,333
7	SEMO	420,638	418,148	420,638	418,148	393,916	388,928	380,499	380,057	378,180	378,179	375,420	375,862	4,728,613
8	100.00%	716,956	712,711	716,956	712,711	671,409	662,908	648,541	647,788	644,589	644,586	639,884	640,637	8,059,676
9	Commodity	1,957,884	2,862,991	3,357,540	2,613,548	1,669,102	935,474	484,712	380,503	370,847	371,354	475,979	966,421	16,446,355
10	Transportation Credit													0
11	Total to Allocate	1,957,884	2,862,991	3,357,540	2,613,548	1,669,102	935,474	484,712	380,503	370,847	371,354	475,979	966,421	16,446,355
12	Arkansas	925,492	1,318,980	1,535,067	1,146,825	741,081	401,318	201,931	151,821	148,673	146,202	421,479	451,029	7,589,898
13	Interconnected SEMO	1,032,392	1,544,011	1,822,473	1,466,723	928,021	534,156	282,781	228,682	222,174	225,152	54,500	515,392	8,856,457
14	Total Arkansas	1,221,810	1,613,543	1,831,385	1,441,388	1,018,574	675,298	489,973	419,552	415,082	412,609	685,943	715,804	10,920,961
15	Interconnected SEMO													
16	Demand	420,638	418,148	420,638	418,148	393,916	388,928	380,499	380,057	378,180	378,179	375,420	375,862	4,728,613
17	Commodity	1,032,392	1,544,011	1,822,473	1,466,723	928,021	534,156	282,781	228,682	222,174	225,152	54,500	515,392	8,856,457
18	Total	1,453,030	1,962,159	2,243,111	1,884,871	1,321,937	923,084	663,280	608,739	600,354	603,331	429,920	891,254	13,585,070

Line Reference

- 2 Schedule G, page 1, line 41
3 Schedule G, page 1, line 42
6 & 7 See 99-00 ACA filing, Section V for demand allocation factors.
12 & 13 Schedule F, lines 38 and 39 multiplied by line 11

Associated Natural Gas Company
Calculation of AWG Facilities Charge
For the 99-00 Winter Period

Line No.	Nov-99	Dec-99	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00	Oct-00	TOTAL
1 Interconnected SEEEO Purchases	415,145	651,506	616,998	466,059	335,809	300,131	258,096	206,854	196,509	189,656	206,664	329,486	4,172,913
2 Injections to Storage						25,387	68,689	68,480	68,689	64,396	61,919	24,902	380,442
3 Withdrawals from Storage	55,556	44,742	80,701	72,794	69,155								321,948
4 Net Interconnected SEEEO	470,701	696,248	697,699	538,853	403,964	274,744	189,407	140,394	127,820	125,260	144,745	304,584	4,172,913
5 SEMO Allocation Percent	52.73%	53.93%	54.28%	56.12%	55.60%	57.10%	58.34%	60.10%	59.91%	60.63%	11.45%	53.33%	
6 SEMO Interconnected Purchases	248,201	375,487	378,711	302,404	224,604	156,879	110,500	84,377	76,577	75,945	16,573	162,435	2,212,693
7 NGPL SEEEO Purchases													0
8 NGPL SEEEO Storage Withdrawals	14	21	22	20	15	0	0	0	0	0	0	0	92
9 Total SEMO SEEEO Purchases	248,215	375,508	378,733	302,424	224,619	156,879	110,500	84,377	76,577	75,945	16,573	162,435	2,212,785
10 AWG Facilities Charge Rate	0.35100	0.35100	0.35100	0.35100	0.35100	0.35100	0.35100	0.35100	0.35100	0.35100	0.35100	0.35100	0.35100
11 AWG Facilities Charge	87,123	131,803	132,935	106,151	78,841	55,065	38,786	29,616	26,879	26,657	5,817	57,015	776,688

- Line Reference
- 1 Schedule I/C, line 29
 - 2 Based on 2000 budget
 - 3 Based on 2000 budget
 - 5 Schedule F, line 39
 - 7 Schedule NGPL, line 8
 - 8 Based on 2000 budget
 - 11 This is an estimate of the net effect of the facilities charge and the transportation credit per ANG's filing in Case No. GR-97-272.

Associated Natural Gas Company
Calculation of Commodity Allocation Factors
For the 89-00 Winter Period

Line No.	Description	Nov-99	Dec-99	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00	Oct-00	Total	Winter Period	
															Nov.	Mar.
1	Estimated Mcf Sales:															
2	Southeast Missouri Mcf Sales															
3	Firm	405,958	621,871	710,820	575,477	427,260	235,666	125,357	95,735	93,073	93,424	109,029	215,513	3,707,983	2,741,186	
4	Interruptible	86,376	83,828	61,591	50,133	58,105	44,719	35,846	36,486	33,675	36,318	45,969	59,048	632,224	340,133	
5	Total	492,334	705,700	772,411	625,610	485,365	281,385	161,203	132,221	126,748	129,742	155,029	272,561	4,340,207	3,081,319	
6	Kirkville Mcf Sales															
7	Firm	86,410	127,675	142,389	116,835	90,106	52,476	28,569	16,413	14,967	16,053	23,735	48,830	763,458	563,415	
8	Interruptible	35,184	41,115	43,759	34,117	34,763	24,410	15,564	17,215	15,209	23,949	19,484	28,036	332,815	188,948	
9	Total	121,594	168,790	186,148	150,952	124,869	76,886	44,133	33,628	30,176	40,002	43,219	74,866	1,096,273	752,363	
10	Net Inter. Sales															
11	Total	35,194	41,115	43,759	34,117	34,763	24,410	15,564	17,215	15,209	23,949	19,484	28,036	332,815	188,948	
12	Butler Mcf Sales															
13	Firm	45,586	67,823	73,946	59,437	43,310	24,742	13,079	8,322	7,976	8,000	10,927	22,490	365,638	290,102	
14	Interruptible	3,393	4,380	5,092	3,808	3,822	3,202	2,250	2,002	2,905	2,198	2,046	2,400	37,498	20,495	
15	Total	3,393	4,380	5,092	3,808	3,822	3,202	2,250	2,002	2,905	2,198	2,046	2,400	37,498	20,495	
16	Net Inter. Sales															
17	Total	48,979	72,203	79,038	63,245	47,132	27,944	15,329	10,324	10,881	10,198	12,973	24,890	423,138	310,597	
18	Commodity Allocation Factors:															
19	Southeast Missouri															
20	Firm	82.46%	88.11%	92.02%	91.89%	88.03%	84.11%	77.76%	72.41%	73.43%	72.01%	70.33%	78.34%			
21	Interruptible	17.54%	11.89%	7.98%	8.01%	11.97%	15.89%	22.24%	27.59%	26.57%	27.99%	29.67%	21.66%			
22	Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%			
23	Kirkville															
24	Firm	71.06%	75.64%	76.49%	77.40%	72.16%	68.25%	65.52%	48.81%	49.60%	40.13%	54.92%	62.55%			
25	Interruptible	28.94%	24.36%	23.51%	22.60%	27.84%	31.75%	34.48%	51.19%	50.40%	59.87%	45.08%	37.45%			
26	Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%			
27	Butler															
28	Firm	93.07%	93.93%	93.56%	93.98%	91.89%	88.54%	85.32%	80.61%	73.30%	78.45%	84.23%	90.36%			
29	Interruptible	6.93%	6.07%	6.44%	6.02%	8.11%	11.46%	14.68%	19.39%	26.70%	21.55%	15.77%	9.64%			
30	Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%			
31	Factors to Allocate between SEMO and Arkansas															
32	Arkansas	339,181	449,387	485,048	385,910	285,810	154,195	81,942	61,879	60,549	59,184	824,763	173,142	3,331,590		
33	SEMO (Interconn. Only)	387,257	526,821	575,921	467,892	357,946	205,247	114,733	93,204	90,478	91,129	106,650	197,813	3,195,091		
34	Total	726,438	976,208	1,060,969	853,802	643,756	359,442	196,675	155,083	151,027	150,313	931,413	370,955	6,526,681		
35	Net SEMO (Interconn. Only)															
36	Total	387,257	526,821	575,921	467,892	357,946	205,247	114,733	93,204	90,478	91,129	106,650	197,813	3,195,091		
37	Total Interconnected															
38	Arkansas %	47.27%	46.07%	45.72%	43.88%	44.40%	42.90%	41.86%	39.80%	40.09%	39.37%	88.55%	46.87%			
39	SEMO %	52.73%	53.93%	54.28%	56.12%	55.60%	57.10%	58.14%	60.10%	59.91%	60.63%	11.45%	53.33%			

The above volumes are from ANG's 1999 and 2000 budget.

Associated Natural Gas Company
Summary of Estimated Gas Expense by Supplier,
Rate Schedule and Type of Charge
For November 1999 through October 2000

LINE NO.	SUPPLIER & RATE SCHEDULE	TYPE CHARGE	Nov-99	Dec-99	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00	Oct-00	Total
1	INTERCONNECTED SYSTEM														
2	TETCO-CDS	RESERVATION STX	\$30,463	\$30,463	\$30,463	\$30,463	\$30,463	\$30,463	\$30,463	\$30,463	\$30,463	\$30,463	\$30,463	\$30,463	\$365,556
3	INTEGRATED	RESERVATION ETX	\$5,772	\$5,772	\$5,772	\$5,772	\$5,772	\$5,772	\$5,772	\$5,772	\$5,772	\$5,772	\$5,772	\$5,772	\$69,264
4		RESERVATION ELA	\$22,395	\$22,395	\$22,395	\$22,395	\$22,395	\$22,395	\$22,395	\$22,395	\$22,395	\$22,395	\$22,395	\$22,395	\$268,740
5		RESERVATION WLA	\$14,561	\$14,561	\$14,561	\$14,561	\$14,561	\$14,561	\$14,561	\$14,561	\$14,561	\$14,561	\$14,561	\$14,561	\$174,732
6		RESERVATION W-I	\$91,413	\$91,413	\$91,413	\$91,413	\$91,413	\$91,413	\$91,413	\$91,413	\$91,413	\$91,413	\$91,413	\$91,413	\$1,096,966
7		COMMODITY	\$5,602	\$4,324	\$5,663	\$4,736	\$6,920	\$5,153	\$5,989	\$6,547	\$6,784	\$6,547	\$7,434	\$5,809	\$72,732
8	TOTAL		\$170,206	\$170,620	\$170,267	\$169,315	\$169,340	\$171,524	\$170,573	\$170,757	\$171,308	\$172,036	\$171,151	\$170,513	\$2,048,000
9	TETCO SS-1	RESERVATION	\$106,101	\$106,101	\$106,101	\$106,101	\$106,101	\$106,101	\$106,101	\$106,101	\$106,101	\$106,101	\$106,101	\$106,101	\$1,273,212
10	INTEGRATED	CAPACITY	\$14,064	\$14,064	\$14,064	\$14,064	\$14,064	\$14,064	\$14,064	\$14,064	\$14,064	\$14,064	\$14,064	\$14,064	\$168,768
11		INJECTION	\$0	\$0	\$0	\$0	\$2,117	\$5,543	\$5,728	\$5,543	\$5,164	\$5,164	\$5,164	\$2,077	\$31,730
12		WITHDRAWAL	\$7,644	\$6,317	\$11,354	\$10,277	\$9,823	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$45,465
13	TOTAL		\$128,809	\$126,482	\$131,559	\$130,442	\$129,786	\$122,282	\$125,894	\$125,708	\$125,894	\$125,536	\$125,329	\$122,242	\$1,519,165
14	NOARK-FT- INTEGRATED	D-1	\$204,322	\$204,322	\$204,322	\$204,322	\$204,322	\$204,322	\$204,322	\$204,322	\$204,322	\$204,322	\$204,322	\$204,322	\$2,451,864
15		D-2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
16	COMMODITY		\$6,561	\$10,340	\$9,660	\$7,245	\$5,234	\$4,744	\$4,092	\$3,281	\$3,117	\$3,008	\$3,276	\$5,208	\$65,808
17	TOTAL		\$210,883	\$214,662	\$213,982	\$211,607	\$209,556	\$209,065	\$208,414	\$207,603	\$207,439	\$207,330	\$207,598	\$208,530	\$2,517,670
18	ARK-WESTERN PIPELINE	RESERVATION	\$27,129	\$27,129	\$27,129	\$27,129	\$27,129	\$27,129	\$27,129	\$27,129	\$27,129	\$27,129	\$27,129	\$27,129	\$325,548
19	INTEGRATED	COMMODITY	\$937	\$1,477	\$1,340	\$1,041	\$746	\$678	\$595	\$469	\$445	\$430	\$468	\$144	\$9,402
20	TOTAL		\$28,066	\$28,606	\$28,509	\$28,170	\$27,877	\$27,807	\$27,714	\$27,598	\$27,574	\$27,559	\$27,597	\$27,873	\$334,950
21	SEECO- INTEGRATED	RESERVATION	\$65,363	\$65,363	\$65,363	\$65,363	\$65,363	\$65,363	\$65,363	\$65,363	\$65,363	\$65,363	\$65,363	\$65,363	\$1,024,356
22		COMMODITY	\$1,142,479	\$1,880,896	\$1,665,185	\$1,321,743	\$986,938	\$767,231	\$631,303	\$504,931	\$478,678	\$464,847	\$511,700	\$833,600	\$11,269,533
23	TOTAL		\$1,207,842	\$1,946,259	\$1,730,548	\$1,403,106	\$1,083,301	\$834,594	\$716,666	\$596,294	\$565,041	\$550,210	\$597,063	\$918,963	\$12,313,889
24	AQUILA	RESERVATION	\$38,832	\$38,832	\$38,832	\$38,832	\$38,832	\$38,832	\$38,832	\$38,832	\$38,832	\$38,832	\$38,832	\$38,832	\$466,582
25	INTEGRATED	COMMODITY	\$292,801	\$346,480	\$324,870	\$253,870	\$239,797	\$331,356	\$277,083	\$285,060	\$314,274	\$304,515	\$348,304	\$283,896	\$3,802,606
26	TOTAL		\$331,633	\$385,312	\$363,702	\$292,402	\$278,629	\$370,188	\$305,915	\$305,772	\$353,104	\$324,275	\$365,112	\$299,904	\$3,954,156
27	NORAM GAS TRANSMISSION	RESERVATION	\$23,745	\$23,745	\$23,745	\$23,745	\$23,745	\$23,745	\$23,745	\$23,745	\$23,745	\$23,745	\$23,745	\$23,745	\$286,225
28	INTEGRATED	COMMODITY	\$936	\$2,808	\$4,056	\$2,808	\$1,248	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,856
29	TOTAL		\$24,681	\$26,553	\$27,801	\$26,553	\$25,000	\$23,745	\$23,745	\$23,745	\$23,745	\$23,745	\$23,745	\$23,745	\$308,081
30	AQUILA (NORAM)	RESERVATION	\$17,156	\$17,156	\$17,156	\$17,156	\$17,156	\$17,156	\$17,156	\$17,156	\$17,156	\$17,156	\$17,156	\$17,156	\$206,272
31	INTEGRATED	COMMODITY	\$63,757	\$72,386	\$397,799	\$258,420	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,012,362
32	TOTAL		\$100,913	\$89,542	\$414,955	\$275,576	\$5,719	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,066,705
33	Pg & E (Packing)	RESERVATION	\$29,640	\$29,640	\$29,640	\$29,640	\$29,640	\$29,640	\$29,640	\$29,640	\$29,640	\$29,640	\$29,640	\$29,640	\$355,680
34	INTEGRATED	COMMODITY	\$0	\$0	\$131,547	\$207,090	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$338,637
35	TOTAL		\$29,640	\$29,640	\$161,187	\$298,730	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$487,197
36	TOTAL DEMAND		\$716,956	\$712,711	\$716,956	\$712,711	\$671,409	\$662,808	\$648,541	\$647,788	\$644,589	\$644,586	\$639,884	\$640,637	\$8,059,676
37	TOTAL COMMODITY		\$1,540,717	\$2,527,030	\$2,751,554	\$2,066,945	\$1,157,324	\$1,103,046	\$924,781	\$805,437	\$810,027	\$784,718	\$877,346	\$1,131,234	\$16,480,139
38	STORAGE		\$2,674,840	\$3,239,741	\$3,681,510	\$2,779,656	\$1,828,733	\$1,765,954	\$1,573,302	\$1,453,228	\$1,454,616	\$1,429,304	\$1,517,230	\$1,771,871	\$24,539,815
39	INJECTIONS		\$0	\$0	\$0	\$0	\$0	\$167,572	\$440,048	\$421,934	\$439,180	\$413,364	\$401,367	\$164,813	\$2,451,279
40	WITHDRAWALS		\$417,167	\$335,961	\$605,886	\$548,903	\$311,778	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,417,495
41	TOTAL DEMAND		\$716,956	\$712,711	\$716,956	\$712,711	\$671,409	\$662,808	\$648,541	\$647,788	\$644,589	\$644,586	\$639,884	\$640,637	\$8,059,676
42	NET COMMODITY		\$1,957,884	\$2,862,991	\$3,357,840	\$2,613,848	\$1,689,102	\$839,474	\$444,712	\$390,503	\$370,847	\$371,354	\$475,979	\$968,421	\$16,446,355
43	NET GAS COST		\$2,674,840	\$3,575,702	\$4,074,496	\$3,326,259	\$2,340,511	\$1,598,382	\$1,133,253	\$1,028,253	\$1,015,436	\$1,015,940	\$1,115,863	\$1,807,059	\$24,506,031

This page summarizes Schedule IC and adds storage activity to determine net gas costs. Totals from Schedule IC may differ due to rounding.

1:6ATESVPCAWMTRFILE0000QAS_EST.XLS

This table summarizes Schedule NGPL and adds storage activity to determine net gas costs. Totals from Schedule NGPL may differ due to rounding.

LINE NO.	SUPPLIER & RATE SCHEDULE	TYPE CHARGE	Nov-09	Dec-09	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00	Oct-00	Total
1	MISSISSIPPI RIVER TRANSMISSION AREA														
2	MRT SCT	COMMODITY	\$8,162	\$14,108	\$16,295	\$12,686	\$7,965	\$5,329	\$2,080	\$1,073	\$1,091	\$1,157	\$1,159	\$4,233	\$75,339
3	TOTAL		\$8,162	\$14,108	\$16,295	\$12,686	\$7,965	\$5,329	\$2,080	\$1,073	\$1,091	\$1,157	\$1,159	\$4,233	\$75,339
4	MRT FSS	DELIVERABILITY	\$1,569	\$1,569	\$1,569	\$1,569	\$1,569	\$1,569	\$1,569	\$1,569	\$1,569	\$1,569	\$1,569	\$1,569	\$18,828
5		CAPACITY	\$1,654	\$1,654	\$1,654	\$1,654	\$1,654	\$1,654	\$1,654	\$1,654	\$1,654	\$1,654	\$1,654	\$1,654	\$19,848
6		INJWD	\$20	\$99	\$99	\$66	\$46	\$43	\$46	\$46	\$46	\$46	\$45	\$45	\$647
7	TOTAL		\$3,243	\$3,322	\$3,322	\$3,269	\$3,268	\$3,268	\$3,269	\$3,269	\$3,269	\$3,269	\$3,268	\$3,268	\$39,323
8	MRT - FTS	RES - Field & Mkt	\$1,694	\$1,694	\$1,694	\$1,694	\$1,694	\$1,694	\$1,694	\$1,694	\$1,694	\$1,694	\$1,694	\$1,694	\$20,208
9		COMMODITY	\$153	\$153	\$156	\$143	\$153	\$78	\$78	\$78	\$78	\$78	\$78	\$78	\$1,316
10	TOTAL		\$1,837	\$1,842	\$1,842	\$1,827	\$1,842	\$1,762	\$1,762	\$1,762	\$1,762	\$1,762	\$1,762	\$1,762	\$21,524
11	MRT SSB	RESERVATION	\$0	\$0	\$0	\$0	\$0	\$469	\$459	\$469	\$469	\$469	\$469	\$469	\$3,213
12		COMMODITY	\$0	\$0	\$0	\$0	\$0	\$49	\$51	\$49	\$51	\$49	\$51	\$51	\$351
13	TOTAL		\$0	\$0	\$0	\$0	\$0	\$508	\$510	\$508	\$510	\$510	\$508	\$510	\$3,564
14	MRT ENERGY SERVICES	RESERVATION	\$19,860	\$18,860	\$18,860	\$6,317	\$3,170	\$3,170	\$3,170	\$3,170	\$3,170	\$3,170	\$3,170	\$3,170	\$103,947
15	MRT	COMMODITY	\$60,760	\$32,212	\$48,081	\$46,525	\$37,260	\$42,617	\$30,189	\$64,066	\$64,672	\$74,106	\$68,922	\$73,246	\$644,678
16	TOTAL		\$79,620	\$51,072	\$66,941	\$50,345	\$43,577	\$45,787	\$33,359	\$97,236	\$97,842	\$77,278	\$72,082	\$76,416	\$748,623
17	MRT ENERGY SERVICES	AGENCY CHARGE	\$826	\$1,214	\$1,353	\$1,093	\$823	\$495	\$268	\$224	\$225	\$230	\$230	\$446	\$7,446
18	MRT		\$826	\$1,214	\$1,353	\$1,093	\$823	\$495	\$268	\$224	\$225	\$230	\$230	\$446	\$7,446
19	TOTAL		\$826	\$1,214	\$1,353	\$1,093	\$823	\$495	\$268	\$224	\$225	\$230	\$230	\$446	\$7,446
20	NORAM-UP STREAM (West)	RESERVATION	\$1,295	\$1,295	\$1,295	\$1,295	\$1,295	\$1,295	\$1,295	\$1,295	\$1,295	\$1,295	\$1,295	\$1,295	\$15,540
21	MRT	COMMODITY	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
22	TOTAL		\$1,295	\$1,295	\$1,295	\$1,295	\$1,295	\$1,295	\$1,295	\$1,295	\$1,295	\$1,295	\$1,295	\$1,295	\$15,540
23	NORAM-UP STREAM (South)	RESERVATION	\$711	\$711	\$711	\$711	\$711	\$711	\$711	\$711	\$711	\$711	\$711	\$711	\$8,532
24	MRT	COMMODITY	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25	TOTAL		\$711	\$711	\$711	\$711	\$711	\$711	\$711	\$711	\$711	\$711	\$711	\$711	\$8,532
26	TOTAL DEMAND		\$25,773	\$25,773	\$25,773	\$25,773	\$13,230	\$10,542	\$10,542	\$10,542	\$10,542	\$10,542	\$10,542	\$10,542	\$180,116
27	TOTAL COMMODITY		\$69,095	\$48,977	\$64,633	\$61,420	\$46,429	\$46,118	\$32,444	\$65,332	\$65,332	\$78,438	\$77,653	\$77,653	\$722,328
28	TOTAL RECOVERABLE COST		\$94,868	\$72,350	\$90,406	\$87,193	\$58,658	\$42,886	\$42,886	\$75,874	\$78,060	\$85,580	\$86,795	\$88,195	\$912,444

Schedule G

LINE NO.	SUPPLIER & RATE SCHEDULE	TYPE CHARGE	Nov-99	Dec-99	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00	Oct-00	Total
1	KIRKSVILLE														
2	ANR-ETS 00001	D-1	\$33,322	\$33,322	\$33,322	\$33,322	\$33,322	\$33,322	\$33,322	\$33,322	\$33,322	\$33,322	\$33,322	\$33,322	\$39,864
3	KIRKSVILLE	COMMODITY	\$1,810	\$2,536	\$2,310	\$2,459	\$1,593	\$2,799	\$2,631	\$2,336	\$2,284	\$2,211	\$1,755	\$1,693	\$26,617
4	TOTAL		\$35,132	\$35,859	\$35,632	\$35,781	\$34,915	\$36,121	\$35,953	\$35,658	\$35,606	\$35,533	\$35,077	\$35,015	\$426,481
5	ANR-ETS 00050	D-1	\$25,075	\$25,075	\$25,075	\$25,075	\$25,075	\$25,347	\$25,347	\$25,347	\$25,347	\$25,347	\$25,347	\$25,347	\$178,804
6	KIRKSVILLE	COMMODITY	\$285	\$333	\$333	\$285	\$285	\$152	\$328	\$331	\$328	\$209	\$152	\$29	\$1,081
7	TOTAL		\$25,360	\$25,408	\$25,408	\$25,360	\$25,370	\$25,499	\$25,675	\$25,678	\$25,678	\$25,556	\$25,499	\$25,376	\$179,885
8	ANR-FSS 30000	D-1	\$9,572	\$9,572	\$9,572	\$9,572	\$9,572	\$2,739	\$2,739	\$9,572	\$9,572	\$9,572	\$2,739	\$2,739	\$87,532
9	CAPACITY		\$6,508	\$6,508	\$6,508	\$6,508	\$6,508	\$6,508	\$6,508	\$6,508	\$6,508	\$6,508	\$6,508	\$6,508	\$76,096
10	KIRKSVILLE	UNWAD	\$378	\$441	\$441	\$378	\$391	\$204	\$442	\$440	\$444	\$281	\$204	\$39	\$4,083
11	TOTAL		\$16,458	\$16,521	\$16,521	\$16,458	\$16,471	\$9,451	\$9,689	\$16,520	\$16,524	\$16,361	\$9,451	\$9,386	\$169,711
12	ANR-FTS 18450	D-1	\$23,556	\$23,556	\$23,556	\$23,556	\$23,556	\$9,306	\$9,306	\$9,306	\$9,306	\$9,306	\$9,306	\$9,306	\$182,938
13	KIRKSVILLE	COMMODITY	\$440	\$756	\$1,441	\$508	\$728	\$573	\$720	\$745	\$745	\$745	\$334	\$0	\$7,722
14	TOTAL		\$23,996	\$24,312	\$24,997	\$24,064	\$24,284	\$9,881	\$10,040	\$10,028	\$10,053	\$10,053	\$9,642	\$9,306	\$190,658
15	ANR-FSS 32250	D-1	\$10,026	\$10,026	\$10,026	\$10,026	\$10,026	\$10,026	\$10,026	\$10,026	\$10,026	\$10,026	\$10,026	\$10,026	\$120,312
16	KIRKSVILLE	CAPACITY	\$6,427	\$6,427	\$6,427	\$6,427	\$6,427	\$6,427	\$6,427	\$6,427	\$6,427	\$6,427	\$6,427	\$6,427	\$77,124
17	UNWAD		\$216	\$371	\$707	\$249	\$357	\$284	\$363	\$370	\$370	\$370	\$166	\$0	\$3,810
18	TOTAL		\$16,669	\$16,824	\$17,160	\$16,702	\$16,810	\$16,737	\$16,816	\$16,810	\$16,823	\$16,823	\$16,619	\$16,453	\$201,246
19	ANR-HNS 99500	D-1	\$9,375	\$9,375	\$9,375	\$9,375	\$9,375	\$9,375	\$9,375	\$9,375	\$9,375	\$9,375	\$9,375	\$9,375	\$112,500
20	KIRKSVILLE	COMMODITY	\$75	\$75	\$75	\$75	\$75	\$75	\$75	\$75	\$75	\$75	\$75	\$75	\$900
21	TOTAL		\$9,450	\$9,450	\$9,450	\$9,450	\$9,450	\$9,450	\$9,450	\$9,450	\$9,450	\$9,450	\$9,450	\$9,450	\$113,400
22	AMOCO ENERGY TRADING	RESERVATION													
23	KIRKSVILLE	COMMODITY	\$14,322	\$14,322	\$14,322	\$14,322	\$14,322	\$5,968	\$5,968	\$5,968	\$15,516	\$15,516	\$15,516	\$15,516	\$151,578
24	TOTAL		\$212,894	\$213,111	\$288,708	\$288,187	\$181,651	\$301,715	\$274,886	\$243,577	\$238,120	\$231,542	\$165,681	\$204,783	\$2,964,783
25	TOTAL		\$227,216	\$227,433	\$315,031	\$312,509	\$195,873	\$307,883	\$280,854	\$249,545	\$253,636	\$247,058	\$201,197	\$220,206	\$3,136,341
26	TOTAL DEMAND		\$138,183	\$138,183	\$138,183	\$138,183	\$138,183	\$91,020	\$97,853	\$107,401	\$107,401	\$107,401	\$100,568	\$100	

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Associated Natural Gas Company
Summary of Estimated Gas Expense by Supplier,
Rate Schedule, and Type of Charge
For November 1999 through October 2000

LINE NO.	SUPPLIER & RATE SCHEDULE	TYPE CHARGE	Nov-99	Dec-99	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00	Oct-00	Total
1	BUTLER														
2	PANHANDLE SCT	COM. PURCH TO MARKET	\$19,532	\$27,622	\$22,087	\$20,428	\$17,683	\$17,420	\$9,556	\$6,436	\$6,783	\$6,358	\$8,087	\$15,516	\$176,468
3		COM. PURCH TO STORAGE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	BUTLER	OM. STORAGE TO MARKET	\$5,430	\$8,583	\$12,935	\$9,377	\$5,785	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$42,110
5	TOTAL		\$24,962	\$36,205	\$35,022	\$29,805	\$23,468	\$17,420	\$9,556	\$6,436	\$6,783	\$6,358	\$8,087	\$15,516	\$220,578
6	PAN EAST OS	RESERVATION	\$6,700	\$6,700	\$6,700	\$6,700	\$6,700	\$6,700	\$6,700	\$6,700	\$6,700	\$6,700	\$6,700	\$6,700	\$80,400
7	BUTLER	CAPACITY	\$6,713	\$6,713	\$6,713	\$6,713	\$6,713	\$6,713	\$6,713	\$6,713	\$6,713	\$6,713	\$6,713	\$6,713	\$80,556
8		INJ	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$478
9		WD	\$58	\$82	\$139	\$101	\$82	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$452
10	TOTAL		\$13,471	\$13,565	\$13,552	\$13,514	\$13,475	\$13,413	\$13,493	\$13,496	\$13,499	\$13,499	\$13,499	\$13,499	\$161,806
11	AQUILA	RESERVATION	\$13,315	\$16,644	\$16,644	\$16,644	\$13,315	\$5,335	\$5,335	\$3,078	\$3,078	\$3,078	\$5,335	\$5,335	\$107,136
12		COMMODITY	\$87,865	\$130,393	\$113,990	\$94,469	\$75,798	\$71,506	\$97,846	\$97,130	\$97,130	\$97,811	\$95,410	\$119,885	\$1,467,727
13	BUTLER		\$101,180	\$147,037	\$130,534	\$111,113	\$90,111	\$76,921	\$103,181	\$90,724	\$90,724	\$92,899	\$90,745	\$125,220	\$1,253,863
14	TOTAL		\$26,728	\$30,057	\$30,057	\$30,057	\$26,728	\$18,748	\$18,748	\$18,491	\$18,491	\$18,491	\$18,748	\$18,748	\$288,092
15	TOTAL DEMAND		\$112,865	\$186,690	\$150,031	\$124,375	\$100,306	\$89,006	\$107,482	\$94,165	\$97,899	\$96,255	\$93,587	\$135,474	\$1,388,235
16	TOTAL COMMODITY		\$139,613	\$196,747	\$180,088	\$154,432	\$127,034	\$107,754	\$126,230	\$110,656	\$114,490	\$112,746	\$112,315	\$154,222	\$1,636,327
17	STORAGE		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18	INJECTIONS		\$47,061	\$74,387	\$112,104	\$81,273	\$50,136	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$411,906
19	WITHDRAWALS		\$26,728	\$30,057	\$30,057	\$30,057	\$26,728	\$18,748	\$18,748	\$18,491	\$18,491	\$18,491	\$18,748	\$18,748	\$288,092
20	TOTAL DEMAND		\$159,946	\$241,077	\$262,135	\$205,648	\$150,442	\$89,006	\$126,230	\$110,656	\$114,490	\$112,746	\$112,315	\$154,222	\$1,636,327
21	NET COMMODITY		\$186,674	\$271,134	\$262,182	\$235,705	\$177,170	\$107,754	\$126,230	\$110,656	\$114,490	\$112,746	\$112,315	\$154,222	\$1,636,327
22	NET GAS COST		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23	TOTAL COMPANY		\$186,674	\$271,134	\$262,182	\$235,705	\$177,170	\$107,754	\$126,230	\$110,656	\$114,490	\$112,746	\$112,315	\$154,222	\$1,636,327
24	TOTAL COMPANY		\$186,674	\$271,134	\$262,182	\$235,705	\$177,170	\$107,754	\$126,230	\$110,656	\$114,490	\$112,746	\$112,315	\$154,222	\$1,636,327
25	TOTAL DEMAND		\$102,8175	\$1,027,259	\$1,031,504	\$1,027,259	\$970,085	\$89,084	\$74,727	\$87,870	\$84,019	\$84,016	\$84,738	\$85,491	\$1,294,037
26	TOTAL COMMODITY		\$2,139,742	\$3,357,744	\$3,541,706	\$2,824,335	\$1,706,183	\$1,720,953	\$1,522,418	\$1,316,521	\$1,364,006	\$1,355,217	\$1,417,953	\$1,752,878	\$24,079,656
27	STORAGE		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
28	INJECTIONS		\$658,184	\$733,305	\$1,169,526	\$70,549	\$791,310	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,405,655
29	WITHDRAWALS		\$1,028,175	\$1,027,259	\$1,031,504	\$1,027,259	\$970,085	\$89,084	\$74,727	\$87,870	\$84,019	\$84,016	\$84,738	\$85,491	\$1,294,037
30	TOTAL DEMAND		\$2,787,226	\$4,091,049	\$4,710,232	\$3,894,894	\$2,497,493	\$1,421,472	\$1,597,601	\$1,376,521	\$1,364,006	\$1,355,217	\$1,417,953	\$1,752,878	\$24,079,656
31	NET COMMODITY		\$3,826,101	\$5,118,308	\$5,741,736	\$4,722,143	\$3,467,576	\$2,320,566	\$1,832,328	\$1,475,975	\$1,458,392	\$1,488,163	\$1,630,966	\$2,306,636	\$35,169,812
32	NET GAS COST		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

This page summarizes Schedule PEPL and adds storage activity to determine net gas costs. Totals from Schedule PEPL may differ due to rounding. This schedule also totals the cost for all districts.

ANG GAS SUPPLY BUDGET 2000
BY SUPPLIER

Line No.	SUPPLIER & RATE SCHEDULE	TYPE CHARGE	Nov-99				Dec-99				JANUARY 00			
			QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$
1	TETCO-CDS INTEGRATED	RESERVATION STX	4,030		7.55910	\$30,463	4,030		7.55910	\$30,463	4,030		7.55910	\$30,463
2		RESERVATION ETX	2,327		2.48040	\$5,772	2,327		2.48040	\$5,772	2,327		2.48040	\$5,772
3		RESERVATION ELA	8,357		2.67880	\$22,395	8,357		2.67880	\$22,395	8,357		2.67880	\$22,395
4		RESERVATION WLA	4,575		3.18280	\$14,561	4,575		3.18280	\$14,561	4,575		3.18280	\$14,561
5		RESERVATION M-1	14,826		6.16570	\$91,413	14,826		6.16570	\$91,413	14,826		6.16570	\$91,413
6		COMMODITY		102,234	0.05480	\$5,602		115,398	0.05480	\$6,324		103,333	0.05480	\$5,663
7		TOTAL		102,234		\$170,207		115,398		\$170,928		103,333		\$170,267
8														
9														
10	TETCO SS-1 INTEGRATED	RESERVATION CAPACITY	18,839		5.63200	\$106,101	18,839		5.63200	\$106,101	18,839		5.63200	\$106,101
11		INJECTION	104,722		0.13430	\$14,064	104,722		0.13430	\$14,064	104,722		0.13430	\$14,064
12		WITHDRAWAL		0	0.03410	\$0		0	0.03410	\$0		0	0.03410	\$0
13				161,393	0.04860	\$7,844		128,976	0.04860	\$6,317		234,443	0.04860	\$11,394
14														
15		TOTAL		161,393		\$128,009		128,976		\$126,482		234,443		\$131,559
16														
17	OZARK-FT- INTEGRATED	D-1	28,000		7.04560	\$204,322	28,000		7.04560	\$204,322	28,000		7.04560	\$204,322
18		COMMODITY		407,497	0.01610	\$6,561		842,207	0.01610	\$10,340		598,999	0.01610	\$9,660
19														
20														
21	TOTAL			407,497		\$210,883		642,207		\$214,662		598,999		\$213,982
22														
23	ARK WESTERN PIPELINE INTEGRATED	RESERVATION COMMODITY	23,000		1.17850	\$27,129	23,000		1.17850	\$27,129	23,000		1.17850	\$27,129
24				407,497	0.00230	\$937		642,207	0.00230	\$1,477		598,999	0.00230	\$1,390
25														
26	TOTAL			407,497		\$28,066		642,207		\$28,606		598,999		\$28,508
27														
28	SEECO - INTEGRATED Purchases	RESERVATION COMMODITY		415,145	2.75200	\$1,142,479		851,506	2.88700	\$1,880,898		616,988	3.02300	\$1,865,185
29														
30														
31	TOTAL			415,145		\$1,227,842		851,506		\$1,966,281		616,988		\$1,950,548
32														
33	Aquila (TETCO) Purchases	RESERVATION COMMODITY	9,826		0.13000	\$38,832	9,826		0.13000	\$38,832	9,826		0.13000	\$38,832
34	INTEGRATED			106,323	2.75200	\$292,601		120,014	2.88700	\$346,460		107,468	3.02300	\$324,870
35														
36	TOTAL			106,323		\$331,433		120,014		\$385,313		107,468		\$363,702
37														
38	Reliant Energy Gas Trans. INTEGRATED	RESERVATION COMMODITY	7,500		3.96800	\$29,745	7,500		3.40000	\$25,500	7,500		3.96800	\$29,745
39				30,000	0.03120	\$936		90,000	0.03120	\$2,808		130,000	0.03120	\$4,056
40														
41	TOTAL			30,000		\$30,681		90,000		\$28,308		130,000		\$33,801
42														
43	SES/Reliant Purchases INTEGRATED	RESERVATION COMMODITY	7,500		0.07500	\$17,156	7,500		0.07500	\$17,156	7,500		0.07500	\$17,156
44				30,435	2.75200	\$83,757		94,348	2.88700	\$272,386		131,157	3.03300	\$397,799
45														
46	TOTAL			30,435		\$100,913		94,348		\$289,542		131,157		\$414,955
47														
48	Peaking gas supply INTEGRATED	RESERVATION COMMODITY	6,500		0.15000	\$29,640	6,500		0.15000	\$29,640	6,500		0.15000	\$29,640
49				0	3.37300	\$0		0	3.18800	\$0		38,000	3.37300	\$131,547
50														
51	TOTAL			0		\$29,640		0		\$29,640		38,000		\$161,187
52														
53	TOTAL COMMODITY AND \$			551,903		\$2,257,674		855,869		\$3,238,741		855,621		\$3,498,510

Schedule 17C

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ANG GAS SUPPLY BUDGET 2000
BY SUPPLIER

BY SUPPLIER		MAY 00				JUNE 00				JULY 00				
Line No.	SUPPLIER & RATE SCHEDULE	TYPE CHARGE	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$
1	TETCO-CDS INTEGRATED	RESERVATION STX	4,030		7.55910	\$30,463	4,030		7.55910	\$30,463	4,030		7.55910	\$30,463
2		RESERVATION ETX	2,327		2.48040	\$5,772	2,327		2.48040	\$5,772	2,327		2.48040	\$5,772
3		RESERVATION ELA	8,357		2.67980	\$22,395	8,357		2.67980	\$22,395	8,357		2.67980	\$22,395
4		RESERVATION WLA	4,575		3.18280	\$14,561	4,575		3.18280	\$14,561	4,575		3.18280	\$14,561
5		RESERVATION M-1	14,826		6.16570	\$91,413	14,826		6.16570	\$91,413	14,826		6.16570	\$91,413
6		COMMODITY		108,923	0.05460	\$5,969		112,288	0.05480	\$6,153		123,797	0.05480	\$6,784
7	TOTAL			108,923		\$170,573		112,288		\$170,758		123,797		\$171,388
9	TETCO SS-1 INTEGRATED	RESERVATION CAPACITY	18,839		5.53200	\$106,101	18,839		5.53200	\$106,101	18,839		5.53200	\$106,101
10		INJECTION	104,722		0.13430	\$14,064	104,722		0.13430	\$14,064	104,722		0.13430	\$14,064
11		WITHDRAWAL		167,997	0.03410	\$5,729		162,546	0.03410	\$5,543		167,997	0.03410	\$5,729
12					0.04860	\$0			0.04860	\$0			0.04860	\$0
13														
14	TOTAL			167,997		\$125,894		162,546		\$125,708		167,997		\$125,894
15														
16	OZARK-FT. INTEGRATED	D-1	29,000		7.04560	\$204,322	29,000		7.04560	\$204,322	29,000		7.04560	\$204,322
17		COMMODITY		254,153	0.00000	\$0		203,795	0.00000	\$0		193,630	0.00000	\$0
18					0.01610	\$4,092			0.01610	\$2,281			0.01610	\$3,117
19														
20	TOTAL			254,153		\$208,414		203,795		\$207,803		193,630		\$207,440
21														
22	ARK WESTERN PIPELINE INTEGRATED	RESERVATION COMMODITY	23,000		1.17950	\$27,129	23,000		1.17950	\$27,129	23,000		1.17950	\$27,129
23					0.00230	\$555		203,795	0.00230	\$459		193,630	0.00230	\$445
24								203,795		\$27,597		193,630		\$27,574
25	TOTAL			254,153		\$27,713		203,795		\$27,597		193,630		\$27,574
26														
27	SEECO - INTEGRATED Purchases	RESERVATION COMMODITY	259,096		2.44600	\$63,383	206,854		2.44100	\$50,383	186,509		2.44100	\$45,383
28						\$531,303				\$504,931				\$479,978
29	TOTAL			259,096		\$716,666	206,854			\$590,294	186,509			\$565,041
30														
31														
32	Aquila (TETCO) Purchases INTEGRATED	RESERVATION COMMODITY	6,000		0.13000	\$23,712	6,000		0.13000	\$23,712	5,000		0.13000	\$19,780
33					2.44600	\$277,093		116,780	2.44100	\$285,060		128,748	2.44100	\$314,274
34														
35	TOTAL			113,280		\$300,795	116,780			\$308,772	128,748			\$334,034
36														
37	Reliant Energy Gas Trans. INTEGRATED	RESERVATION COMMODITY	7,500		3.09940	\$23,246	7,500		2.99900	\$22,483	7,500		3.09940	\$23,246
38					0.03120	\$235		0	0.03120	\$0		0	0.03120	\$0
39														
40	TOTAL			0		\$23,246		0		\$22,483		0		\$23,246
41														
42	SES/Reliant Purchases INTEGRATED	RESERVATION COMMODITY			0.00000	\$0		0	0.00000	\$0		0	0.00000	\$0
43														
44	TOTAL			0		\$0		0		\$0		0		\$0
45														
46														
47	Peaking gas supply INTEGRATED	RESERVATION COMMODITY			0.00000	\$0	0		0.00000	\$0	0		0.00000	\$0
48					0.00000	\$0		0	0.00000	\$0		0	0.00000	\$0
49														
50	TOTAL			0		\$0		0		\$0		0		\$0
51														
52	TOTAL COMMODITY AND \$			371,378		\$1,573,301		323,634		\$1,453,225		325,257		\$1,454,617
53														

ANG GAS SUPPLY BUDGET 2000
BY SUPPLIER

Line No.	SUPPLIER & RATE SCHEDULE	TYPE CHARGE	AUGUST 00				SEPTEMBER 00				OCTOBER 00				TOTAL MCF PURCHASED	TOTAL COST \$
			QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$		
1	TETCO-CDS INTEGRATED	RESERVATION STX	4,030		7.55910	\$30,463	4,030		7.55910	\$30,463	4,030		7.55910	\$30,463		\$30,463
2		RESERVATION ETX	2,327		2.48040	\$5,772	2,327		2.48040	\$5,772	2,327		2.48040	\$5,772		\$5,772
3		RESERVATION ELA	8,357		2.67980	\$22,395	8,357		2.67980	\$22,395	8,357		2.67980	\$22,395		\$22,395
4		RESERVATION WLA	4,575		3.18280	\$14,561	4,575		3.18280	\$14,561	4,575		3.18280	\$14,561		\$14,561
5		RESERVATION M-1	14,826		6.16570	\$91,413	14,826		6.16570	\$91,413	14,826		6.16570	\$91,413		\$91,413
6		COMMODITY		119,462	0.05480	\$6,547		119,462	0.05480	\$6,547		107,820	0.05480	\$5,908		\$72,751
7																
8	TOTAL			119,462		\$171,151		135,650		\$172,038		107,820		\$170,513	132,752	\$2,048,001
9																
10	TETCO SS-1 INTEGRATED	RESERVATION CAPACITY	18,839		5.83200	\$108,101	18,839		5.83200	\$108,101	18,839		5.83200	\$108,101		\$1,273,215
11		INJECTION	104,722		0.13430	\$14,064	104,722		0.13430	\$14,064	104,722		0.13430	\$14,064		\$168,770
12		WITHDRAWAL		157,498	0.03410	\$5,371		151,440	0.03410	\$5,164		90,904	0.03410	\$3,077	930,472	\$31,729
13					0.04860	\$0			0.04860	\$0				\$0	-932,777	\$49,454
14	TOTAL			157,498		\$125,536		151,440		\$125,330		60,904		\$122,242	-4805	\$1,518,169
15																
16	OZARK-FT. INTEGRATED	D-1	29,000		7.04560	\$204,322	29,000		7.04560	\$204,322	29,000		7.04560	\$204,322		\$2,451,889
17					0.00000	\$0			0.00000	\$0				\$0		\$0
18		COMMODITY		186,851	0.01610	\$3,008		203,476	0.01610	\$3,278		323,460	0.01610	\$5,208	4,087,313	\$65,508
19																
20	TOTAL			186,851		\$207,331		203,476		\$207,596		323,460		\$209,530	4,087,313	\$2,517,675
21																
22	ARK-WESTERN PIPELINE INTEGRATED	RESERVATION COMMODITY	23,000		1.17950	\$27,129	23,000		1.17950	\$27,129	23,000		1.17950	\$27,129		\$325,542
23				186,851	0.00230	\$430		203,476	0.00230	\$468		323,460	0.00230	\$744	4,087,313	\$9,401
24																
25	TOTAL			186,851		\$27,558		203,476		\$27,596		323,460		\$27,872	4,087,313	\$334,943
26																
27	SEECO - INTEGRATED Purchases	RESERVATION COMMODITY		189,658	2.45100	\$464,947		206,864	2.47600	\$511,702		329,466	2.53000	\$833,600	4,172,913	\$1,289,532
28																
29	TOTAL			189,658		\$550,210		206,864		\$597,063		329,466		\$918,963	4,172,913	\$1,231,388
30																
31																
32	Aquila (TETCO) Purchases INTEGRATED	RESERVATION COMMODITY	5,000		0.13000	\$19,760	4,000		0.13000	\$15,808	4,000		0.13000	\$15,808		\$351,554
33				124,241	2.45100	\$304,515		141,078	2.47600	\$349,304		112,133	2.53000	\$283,696	1,380,685	\$3,802,605
34																
35	TOTAL			124,241		\$324,275		141,078		\$365,112		112,133		\$299,504	1,380,685	\$3,954,160
36																
37	Reliant Energy Gas Trans. INTEGRATED	RESERVATION COMMODITY	7,500		3.09900	\$23,243	7,500		2.99900	\$22,483	7,500		3.09940	\$23,248		\$296,222
38				0	0.03120	\$0		0	0.03120	\$0		0	0.03120	\$0	380,000	\$1,1856
39																
40	TOTAL			0		\$23,243		0		\$22,483		0		\$23,246	380,000	\$308,078
41																
42	SES-Reliant Purchases INTEGRATED	RESERVATION COMMODITY		0	0.00000	\$0		0	0.00000	\$0		0	0.00000	\$0	387,098	\$74,344
43																
44	TOTAL			0		\$0		0		\$0		0		\$0	387,098	\$1,012,362
45																
46	Peaking gas supply INTEGRATED	RESERVATION COMMODITY	0		0.00000	\$0	0		0.00000	\$0	0		0.00000	\$0	104,000	\$1,088,705
47																
48	TOTAL			0		\$0		0		\$0		0		\$0	104,000	\$339,637
49																
50																
51	TOTAL			0		\$0		0		\$0		0		\$0	104,000	\$457,197
52																
53	TOTAL COMMODITY AND \$			313,857		\$1,429,303		347,740		\$1,517,230		441,619		\$1,771,870	594,068	\$24,539,815

ANG GAS SUPPLY BUDGET 2000
BY SUPPLIER

Line No.	SUPPLIER & RATE SCHEDULE	TYPE CHARGE	Nov-99				Dec-99				JANUARY 00			
			QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$
1	Commodity 75% Mid/25% Txok													
2	American Central - PURCHASES	RESERVATION	4,927		0.03000	\$4,493	4,927		0.03000	\$4,493	4,927		0.03000	\$4,493
3	JACKSON	COMMODITY		73,265	2.71900	\$199,208		104,187	2.85400	\$297,350		89,780	3.00000	\$269,340
4	TOTAL			73,265		\$203,701		104,187		\$301,843		89,780		\$273,833
5														
6														
7	SEECO - JACKSON	RESERVATION				\$5,887				\$5,887				\$5,887
8		COMMODITY		0	0.00000	\$0		0	0.00000	\$0		0	0.00000	\$0
9	TOTAL			0		\$5,887		0		\$5,887		0		\$5,887
10														
11	OZARK-FT-JACKSON	D-1	2,000		7.04580	\$14,091	2,000		7.04580	\$14,091	2,000		7.04580	\$14,091
12	2000	COMMODITY		0	0.00000	\$0		0	0.01810	\$0		0	0.01810	\$0
13														
14	TOTAL			0		\$0		0		\$0		0		\$0
15														
16														
17														
18	NGPL - FTS Mid Cont	RESERVATION	3,477		10.65500	\$37,047	3,477		10.65500	\$37,047	3,477		10.65500	\$37,047
19	#110767	COMMODITY		52,664	0.02450	\$1,280		74,890	0.02450	\$1,835		64,535	0.02450	\$1,581
20	TOTAL			52,664		\$38,328		74,890		\$38,882		64,535		\$38,629
21														
22	NGPL - FTS Txok	RESERVATION	2,200		11.58950	\$25,497	2,200		11.58950	\$25,497	2,200		11.58950	\$25,497
23	#110759	COMMODITY		17,554	0.02560	\$448		24,963	0.02560	\$638		21,512	0.02560	\$551
24	TOTAL			17,554		\$25,945		0		\$26,136		21,512		\$26,048
25														
26	NGPL DSS	RESERVATION	2,530		5.81530	\$14,713	2,530		5.81530	\$14,713	2,530		5.81530	\$14,713
27														
28	TOTAL			0		\$14,713		0		\$14,713		0		\$14,713
29														
30	NGPL NSR	RESERVATION	1,350		3.11730	\$4,208	1,350		3.11730	\$4,208.36	1,350		3.11730	\$4,208
31														
32	TOTAL			0		\$4,208		0		\$4,208		0		\$4,208
33														
34	NGPL FTS (Notak Receipt)	RESERVATION	2,000		7.29950	\$14,599	2,000		7.29950	\$14,599	2,000		7.29950	\$14,599
35	#100072	COMMODITY		0	0.01890	\$0		0	0.01890	\$0		0	0.01890	\$0
36	TOTAL			0		\$14,599		0		\$14,599		0		\$14,599
37														
38														
39	TOTAL COMMODITY AND \$			70,218		\$321,483		74,890		\$420,360		86,048		\$392,008
40														
41														
42														
43														
44														

ANG GAS SUPPLY BUDGET 2000
BY SUPPLIER

Line No.	SUPPLIER & RATE SCHEDULE	TYPE CHARGE	FEBRUARY 00				MARCH 00				APRIL 00			
			QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$
1	Commodity 75% Mid/25% Texas													
2	American Central - PURCHASES	RESERVATION	4,927		0.03000	\$4,403								
3	JACKSON	COMMODITY		84,987	2.81300	\$287,198								
4														
5	TOTAL			84,987		\$271,692								
6														
7	SEECO - JACKSON	RESERVATION				\$5,887								
8		COMMODITY		0	0.00000	\$0								
9														
10	TOTAL			0		\$5,887								
11	OZARK-FT-JACKSON	D-1	2,000		7.04580	\$14,091								
12														
13	2000	COMMODITY		0	0.00000	\$0								
14				0	0.01610	\$0								
15														
16	TOTAL			0		\$14,091								
17														
18	NGPL- FTS Mid Cont	RESERVATION	3,477		10.65500	\$37,047								
19	#110767	COMMODITY		88,277	0.02450	\$1,673								
20														
21	TOTAL			88,277		\$38,720								
22														
23	NGPL- FTS T-xok	RESERVATION	2,200		11.58950	\$25,497								
24		COMMODITY		22,759	0.02560	\$583								
25	#110759													
26				0		\$26,080								
27	TOTAL					\$26,080								
28														
29	NGPL DSS	RESERVATION	2,530		5.81530	\$14,713								
30														
31	TOTAL			0		\$14,713								
32														
33	NGPL NSS	RESERVATION	1,350		3.11730	\$4,208								
34														
35	TOTAL			0		\$4,208								
36														
37														
38	NGPL FTS (North Receipt)	RESERVATION	2,000		7.29550	\$14,599								
39	#100072	COMMODITY		0	0.01890	\$0								
40														
41	TOTAL			0		\$14,599								
42														
43	TOTAL COMMODITY AND \$			68,277		\$388,860								
44														

ANG GAS SUPPLY BUDGET 2000
BY SUPPLIER

Line No.	SUPPLIER & RATE SCHEDULE	TYPE CHARGE	MAY 00			JUNE 00			JULY 00					
			QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$
1	Commodity 75% Mid25% Texok													
2	American Central - PURCHASES	RESERVATION	3,000	0	0.03000	\$2,736								
3	JACKSON	COMMODITY		73,195	2.43300	\$177,351								
4														
5	TOTAL			73,195		\$180,087								
6														
7	SEECO - JACKSON	RESERVATION		0		\$5,887								
8		COMMODITY		0		\$0								
9														
10	TOTAL			0		\$5,887								
11														
12	OZARK-FT-JACKSON	D-1	2,000		7.04560	\$14,091								
13	2000				0.00000	\$0								
14		COMMODITY		0	0.01610	\$0								
15														
16	TOTAL			0		\$14,091								
17														
18														
19	NGPL - FTS Mid Cont	RESERVATION	3,477		8.80980	\$30,632								
20	#110787	COMMODITY		52,213	0.01320	\$689								
21														
22	TOTAL			52,213		\$31,321								
23														
24	NGPL - FTS Tcxk	RESERVATION	2,200		9.61650	\$21,156								
25	#110759	COMMODITY		17,404	0.01340	\$233								
26														
27	TOTAL			17,404		\$21,390								
28														
29	NGPL DSS	RESERVATION	2,530		5.81530	\$14,713								
30														
31	TOTAL			0		\$14,713								
32														
33														
34	NGPL NSS	RESERVATION	1,350		3.11730	\$4,208								
35														
36	TOTAL			0		\$4,208								
37														
38	NGPL FTS (Noark Receipt)	RESERVATION	2,000		6.22650	\$12,453								
39	#100072	COMMODITY		0	0.01200	\$0								
40														
41	TOTAL			0		\$12,453								
42														
43														
44	TOTAL COMMODITY AND \$			69,617		\$284,150								

ANG GAS SUPPLY BUDGET 2000
BY SUPPLIER

Line No.	SUPPLIER & RATE SCHEDULE	TYPE CHARGE	AUGUST 00				SEPTEMBER 00				OCTOBER 00				TOTAL MCF PURCHASED	TOTAL COST \$
			QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$		
1	Commodity 75% Mid/25% Texas															
2	American Central - PURCHASES															
3	JACKSON	RESERVATION	3,000	66,940	0.13000	\$11,856	3,000	78,419	0.13000	\$11,856	3,000	80,087	0.13000	\$11,856	938,327	\$87,219
4		COMMODITY			2.42800	\$162,530			2.42800	\$187,456			2.50700	\$200,778		\$2,481,219
5	TOTAL			66,940		\$174,386		78,419		\$199,312		80,087		\$212,634	938,327	\$2,548,438
6																
7	SEECO - JACKSON	RESERVATION		0		\$5,887		0		\$5,887		0		\$5,887	0	\$70,844
8		COMMODITY				\$0				\$0				\$0		\$0
9	TOTAL			0		\$5,887		0		\$5,887		0		\$5,887	0	\$70,844
10																
11	OZARK-FT. JACKSON	D-1	2,000		7.04560	\$14,091	2,000		7.04560	\$14,091	2,000		7.04560	\$14,091		\$169,084
12					0.00000	\$0			0.00000	\$0			0.00000	\$0		\$0
13					0.01610	\$0			0.01610	\$0			0.01610	\$0		\$0
14	2000	COMMODITY		0		\$0		0		\$0		0		\$0		\$0
15	TOTAL			0		\$14,091		0		\$14,091		0		\$14,091		\$169,084
16																
17																
18	NGPL - FTS Mid Cont	RESERVATION	3,477		8.80980	\$30,632	3,477		8.80980	\$30,632	3,477		8.80980	\$30,632		\$399,659
19	#110787	COMMODITY		47,717	0.01320	\$630		54,539	0.01320	\$720		57,365	0.01320	\$757	672,244	\$12,479
20	TOTAL			47,717		\$31,262		54,539		\$31,352		57,365		\$31,389		\$412,138
21																
22	NGPL - FTS TXOK	RESERVATION	2,200		9.81650	\$21,156	2,200		9.81650	\$21,156	2,200		9.81650	\$21,156		\$275,579
23	#110789	COMMODITY		15,906	0.01340	\$213		18,180	0.01340	\$244		19,122	0.01340	\$256	224,080	\$4,300
24	TOTAL			15,906		\$21,369		18,180		\$21,400		19,122		\$21,413		\$279,879
25																
26	NGPL DSS	RESERVATION	2,530		5.81530	\$14,713	2,530		5.81530	\$14,713	2,530		5.81530	\$14,713		\$178,553
27																
28	TOTAL			0		\$14,713		0		\$14,713		0		\$14,713		\$178,553
29																
30	NGPL NSS	RESERVATION	1,350		3.11730	\$4,208	1,350		3.11730	\$4,208	1,350		3.11730	\$4,208		\$50,500
31																
32	TOTAL			0		\$4,208		0		\$4,208		0		\$4,208		\$50,500
33																
34	NGPL FTS (Neak Receipt)	RESERVATION	2,000		6.22650	\$12,453	2,000		6.22650	\$12,453	2,000		6.22650	\$12,453		\$160,166
35	#100072	COMMODITY		0	0.01200	\$0		0	0.01200	\$0		0	0.01200	\$0		\$0
36	TOTAL			0		\$12,453		0		\$12,453		0		\$12,453		\$160,166
37																
38	TOTAL COMMODITY AND \$			63,823		\$278,370		72,719		\$303,416		76,488		\$318,788	896,324	\$3,867,412
39																
40																
41																
42																
43																
44																

ANG GAS SUPPLY BUDGET 2000
BY SUPPLIER

Line No.	SUPPLIER & RATE SCHEDULE	TYPE CHARGE	Nov-99				Dec-99				JANUARY 00			
			QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$
1	PANHANDLE SCT	COMMODITY TO CG		31,331	0.62340	\$19,632		44,308	0.62340	\$27,822		37,002	0.62340	\$23,067
2		COMMODITY TO STG										0	0.33590	\$0
3	BUTLER	STORAGE TO MKT		17,847	0.30770	\$5,430		27,894	0.30770	\$8,563		42,037	0.30770	\$12,935
4														
5	TOTAL					\$24,062				\$36,205				\$36,002
6	PAN EAST IOS	RESERVATION	2,000		3.35000	\$6,700	2,000		3.35000	\$6,700	2,000		3.35000	\$6,700
7		CAPACITY	16,867		0.40280	\$6,713	16,867		0.40280	\$6,713	16,867		0.40280	\$6,713
8	BUTLER	INJ			0.00330	\$0			0.00330	\$0			0.00330	\$0
9		WID		17,847	0.00330	\$58		27,894	0.00330	\$92		42,037	0.00330	\$139
10														
11	TOTAL			17,847		\$13,472		27,894		\$13,506		42,037		\$13,552
12														
13	AQUILA - Purchase	RESERVATION	4,000		0.10950	\$13,315	5,000		0.10950	\$16,844	5,000		0.10950	\$16,844
14		COMMODITY		32,138	2.73400	\$87,865		45,449	2.86900	\$130,363		37,985	2.86750	\$113,890
15	BUTLER													
16	TOTAL			32,138		\$101,180		45,449		\$147,037		37,985		\$130,534
17														
18	TOTAL COMMODITY AND \$			17,847		\$139,614		27,894		\$106,747		42,037		\$180,088
19														

ANG GAS SUPPLY BUDGET 2000
BY SUPPLIER

Line No.	SUPPLIER & RATE SCHEDULE	TYPE CHARGE	FEBRUARY 00				MARCH 00				APRIL 00			
			QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$
1	PANHANDLE SCT	COMMODITY TO CG		32,769	0.62340	\$20,428		28,333	0.62340	\$17,663		27,944	0.62340	\$17,420
2		COMMODITY TO STG		0	0.00000	\$0		0	0.00000	\$0		0	0.00000	\$0
3	BUTLER	STORAGE TO MKT		30,476	0.30770	\$9,377		16,800	0.30770	\$5,185		0	0.30770	\$0
4														
5	TOTAL					\$29,806				\$23,448				\$17,420
6	PAN EAST IOS	RESERVATION	2,000		3.35000	\$6,700	2,000		3.35000	\$6,700	2,000		3.35000	\$6,700
7	BUTLER	CAPACITY	16,667		0.40280	\$6,713	16,667		0.40280	\$6,713	16,667		0.40280	\$6,713
8						\$0				\$0				\$0
9		INJ			0.00330	\$0			0.00330	\$0			0.00330	\$0
10		W/D		30,476	0.00330	\$101		16,800	0.00330	\$52			0.00330	\$0
11														
12	TOTAL			30,476		\$13,514		16,800		\$13,476		0		\$13,413
13														
14	AQUILA - Purchase	RESERVATION	5,000		0.10850	\$16,644	4,000		0.10850	\$13,315	2,600		0.08750	\$5,335
15	BUTLER	COMMODITY		33,613	2.81050	\$94,469		28,062	2.84250	\$78,796		28,663	2.49750	\$71,586
16														
17	TOTAL			33,613		\$111,113		28,062		\$90,112		28,663		\$76,921
18														
19	TOTAL COMMODITY AND \$			30,476		\$154,433		16,800		\$127,035		0		\$107,755

ANG GAS SUPPLY BUDGET 2000
BY SUPPLIER

Line No.	SUPPLIER & RATE SCHEDULE	TYPE CHARGE	MAY 00			JUNE 00			JULY 00					
			QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$
1	PANHANDLE SCT	COMMODITY TO CG		15,328	0.62340	\$9,556		10,324	0.62340	\$6,436		10,880	0.62340	\$6,763
2		COMMODITY TO STG		24,314	0.00000	\$0		25,293	0.00000	\$0		26,151	0.00000	\$0
3	BUTLER	STORAGE TO MKT		0	0.30770	\$0		0	0.30770	\$0		0	0.30770	\$0
4	TOTAL					\$9,556				\$6,436				\$6,763
5														
6	PAN EAST IOS	RESERVATION	2,000		3.35000	\$6,700	2,000		3.35000	\$6,700	2,000		3.35000	\$6,700
7	BUTLER	CAPACITY	16,667		0.40280	\$6,713	16,667		0.40280	\$6,713	16,667		0.40280	\$6,713
8		INJ		24,314	0.00330	\$80		25,293	0.00330	\$83		26,151	0.00330	\$86
9		W/D			0.00330	\$0			0.00330	\$0			0.00330	\$0
10	TOTAL					\$13,494		0		\$13,497		0		\$13,500
11														
12	TOTAL					\$13,494		0		\$13,497		0		\$13,500
13	AQUILA - Purchase	RESERVATION	2,600		0.06750	\$5,335	1,500		0.06750	\$3,078	1,500		0.06750	\$3,078
14	BUTLER	COMMODITY		40,424	2.41050	\$97,846		36,285	2.41550	\$87,846		37,727	2.41550	\$91,130
15				40424		\$103,181		36285		\$80,724		37,727		\$94,208
16	TOTAL					\$128,231		0		\$110,657		0		\$114,490
17														
18	TOTAL COMMODITY AND \$													
19														

[illegible]

ANG GAS SUPPLY BUDGET 2000
BY SUPPLIER

Line No.	SUPPLIER & RATE SCHEDULE	TYPE CHARGE	Nov-99				Dec-99				JANUARY 00			
			QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$
1	ANR-ETS 00001	D-1	3,850		8.65500	\$33,322	3,850		8.65500	\$33,322	3,850		8.65500	\$33,322
2	KIRKSVILLE	COMMODITY		74,468	0.02430	\$1,810		104,374	0.02430	\$2,536		95,069	0.02430	\$2,310
3														
4	TOTAL			74,468		\$33,131		104,374		\$35,858		95,069		\$35,632
5														
6	ANR-ETS 00050	D-1	3,850		6.51300	\$25,075	3,850		6.51300	\$25,075	3,850		6.51300	\$25,075
7	KIRKSVILLE	COMMODITY		30,000	0.00950	\$285		35,000	0.00950	\$333		35,000	0.00950	\$333
8														
9	TOTAL			30,000		\$25,360		35,000		\$25,408		35,000		\$25,408
10														
11	ANR-FSS 30000	D-1	3,907		2.45000	\$9,572	3,907		2.45000	\$9,572	3,907		2.45000	\$9,572
12		CAPACITY		16,289	0.40000	\$6,508		16,289	0.40000	\$6,508		16,289	0.40000	\$6,508
13		UNWD		30,000	0.01260	\$378		35,000	0.01260	\$441		35,000	0.01260	\$441
14	KIRKSVILLE													
15	TOTAL			46,289		\$16,458		51,289		\$16,521		51,289		\$16,521
16														
17	ANR-ETS 18450	D-1	3,800		6.19900	\$23,556	3,800		6.19900	\$23,556	3,800		6.19900	\$23,556
18	KIRKSVILLE	COMMODITY		17,138	0.02570	\$440		29,415	0.02570	\$756		58,079	0.02570	\$1,441
19														
20	TOTAL			17,138		\$23,997		29,415		\$24,312		58,079		\$24,997
21														
22	ANR-FSS 32250	D-1	3,858		2.60000	\$10,028	3,858		2.60000	\$10,028	3,858		2.60000	\$10,028
23		CAPACITY		16,067	0.40000	\$6,427		16,067	0.40000	\$6,427		16,067	0.40000	\$6,427
24	KIRKSVILLE	UNWD		17,138	0.01260	\$216		29,415	0.01260	\$371		58,079	0.01260	\$707
25														
26	TOTAL			33,203		\$16,668				\$16,823		72,146		\$17,159
27														
28	ANR-NNS 98500	D-1	1,500		6.25000	\$9,375	1,500		6.25000	\$9,375	1,500		6.25000	\$9,375
29	KIRKSVILLE	COMMODITY		5,000	0.01500	\$75		5,000	0.01500	\$75		5,000	0.01500	\$75
30														
31	TOTAL					\$9,450				\$9,450				\$9,450
32														
33	AQUILA - Purchase	RESERVATION	3,850		0.12000	\$4,620	3,850		0.12000	\$4,620	3,850		0.12000	\$4,620
34	KIRKSVILLE	COMMODITY		77,812	2.73600	\$212,894		109,060	2.87100	\$313,111		99,338	3.00700	\$298,709
35														
36	TOTAL			77,812		\$227,218		109,060		\$327,433		99,338		\$313,031
37														
38	TOTAL COMMODITY AND \$			74,468		\$354,280		104,374		\$455,805		95,069		\$442,198
39														

ANG GAS SUPPLY BUDGET 2000

BY SUPPLIER

Line No.	SUPPLIER & RATE SCHEDULE	TYPE CHARGE	FEBRUARY 00				MARCH 00				APRIL 00			
			QUANTITY	COMMODITY VOLUME MCF	RATE \$ /MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$ /MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$ /MCF	TOTAL COST \$
1	ANR-ETS 00001	D-1	3,850		8.65500	\$33,322	3,850		8.65500	\$33,322	3,850		8.65500	\$33,322
2	KIRKSVILLE	COMMODITY		101,196	0.02430	\$2,459		65,553	0.02430	\$1,593		115,178	0.02430	\$2,799
3				101,196		\$33,781		65,553		\$34,915		115,178		\$36,121
4	TOTAL													
5														
6														
7	ANR-ETS 00050	D-1	3,850		6.51300	\$25,075	3,850		6.51300	\$25,075	1,126		6.51300	\$7,347
8	KIRKSVILLE	COMMODITY		30,000	0.00950	\$285		31,000	0.00950	\$295		16,000	0.00950	\$152
9				30,000		\$25,360		31,000		\$25,370		16,000		\$7,489
10	TOTAL													
11														
12	ANR-FSS 30000	D-1	3,907		2.45000	\$9,572	3,907		2.45000	\$9,572	1,118		2.45000	\$2,739
13	CAPACITY			16,269	0.40000	\$6,508		16,269	0.40000	\$6,508		16,269	0.40000	\$6,508
14	KIRKSVILLE	LIQWD		30,000	0.01260	\$378		31,000	0.01260	\$391		16,192	0.01260	\$204
15				30,000		\$16,458		31,000		\$16,470		16,192		\$9,451
16	TOTAL													
17														
18	ANR-ETS 19450	D-1	3,800		6.19900	\$23,556	3,800		6.19900	\$23,556	975		6.19900	\$9,308
19	KIRKSVILLE	COMMODITY		19,756	0.02570	\$508		20,315	0.02570	\$728		22,292	0.02570	\$573
20				19,756		\$24,064		20,315		\$24,284		22,292		\$9,861
21	TOTAL													
22														
23	ANR-FSS 32250	D-1	3,856		2.60000	\$10,028	3,856		2.60000	\$10,028	3,856		2.60000	\$10,028
24	KIRKSVILLE	CAPACITY		16,067	0.40000	\$6,427		16,067	0.40000	\$6,427		16,067	0.40000	\$6,427
25		LIQWD		19,756	0.01260	\$249		20,315	0.01260	\$357		22,560	0.01260	\$284
26				19,756		\$18,701		20,315		\$18,809		22,560		\$16,737
27	TOTAL													
28														
29	ANR-NNS 99500	D-1	1,500		6.25000	\$9,375	1,500		6.25000	\$9,375	1,500		6.25000	\$9,375
30	KIRKSVILLE	COMMODITY		5,000	0.01500	\$75		5,000	0.01500	\$75		5,000	0.01500	\$75
31				5,000		\$9,450		5,000		\$9,450		5,000		\$9,450
32	TOTAL													
33														
34	AQUILA - Purchase	RESERVATION	3,850		0.12000	\$462	3,850		0.12000	\$462	3,850		0.12000	\$462
35	KIRKSVILLE	COMMODITY		105,740	2.82000	\$2,981		68,486	2.85200	\$1,951		120,349	2.86700	\$3,451
36				105,740		\$312,509		68,486		\$195,973		120,349		\$347,882
37	TOTAL													
38														
39	TOTAL COMMODITY AND \$			101,196		\$440,323		65,553		\$323,271		115,178		\$396,820

ANG GAS SUPPLY BUDGET 2000
BY SUPPLIER

Line No.	SUPPLIER & RATE SCHEDULE	TYPE CHARGE	MAY 00			JUNE 00			JULY 00					
			QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$
1	ANR-ETS 00001	D-1 COMMODITY	3,850	108,281	8.65500	\$33,322	3,850	96,128	8.65500	\$33,322	3,850	93,975	8.65500	\$33,322
2	KIRKSVILLE				0.02430	\$2,631			0.02430	\$2,338			0.02430	\$2,284
3														
4	TOTAL					\$35,952				\$35,658				\$35,605
5				108281				96128				93975		
6														
7	ANR-ETS 00050	D-1 COMMODITY	1,128	34,627	6.51300	\$7,347	1,128	34,500	6.51300	\$7,347	1,128	34,800	6.51300	\$7,347
8	KIRKSVILLE				0.00950	\$329			0.00950	\$328			0.00950	\$331
9														
10	TOTAL					\$7,676				\$7,674				\$7,677
11				34627				34500				34800		
12	ANR-FSS 30000	D-1 CAPACITY UNWD	1118	16,289	2.45000	\$2,739	3,907	16,269	2.45000	\$9,572	3,907	16,269	2.45000	\$9,572
13					0.40000	\$6,508			0.40000	\$6,508			0.40000	\$6,508
14	KIRKSVILLE				0.01260	\$442			0.01260	\$440			0.01260	\$444
15														
16	TOTAL			51312		\$9,688		51183		\$18,520		51487		\$18,523
17														
18	ANR-ETS 18450	D-1 COMMODITY	975	28,500	9.54700	\$9,308	975	28,000	9.54700	\$9,308	975	29,000	9.54700	\$9,308
19	KIRKSVILLE				0.02570	\$732			0.02570	\$720			0.02570	\$745
20														
21	TOTAL					\$10,041				\$10,028				\$10,054
22				28500				28000				29000		
23	ANR-FSS 32250	D-1 CAPACITY UNWD	3,856	16,067	2.60000	\$10,028	3,856	16,067	2.60000	\$10,028	3,856	16,067	2.60000	\$10,028
24	KIRKSVILLE				0.40000	\$6,427			0.40000	\$6,427			0.40000	\$6,427
25					0.01260	\$363			0.01260	\$357			0.01260	\$370
26														
27	TOTAL			51312		\$16,816		51183		\$16,809		51487		\$16,822
28														
29	ANR-NNS 98500	D-1 COMMODITY	1,500	5,000	6.25000	\$9,375	1,500	5,000	6.25000	\$9,375	1,500	5,000	6.25000	\$9,375
30	KIRKSVILLE				0.01500	\$75			0.01500	\$75			0.01500	\$75
31														
32	TOTAL					\$9,450				\$9,450				\$9,450
33														
34	AQUILA - Purchase	RESERVATION COMMODITY	3850	113,122	0.05000	\$5,968	3850	100,444	0.05000	\$5,968	3850	98,194	0.05000	\$5,968
35	KIRKSVILLE				2.43000	\$274,886			2.43000	\$243,577			2.43000	\$238,120
36														
37	TOTAL					\$280,854				\$249,544				\$253,636
38				113122				100444				98194		
39	TOTAL COMMODITY AND \$			108,261		\$370,477		98,128		\$345,883		93,975		\$349,768

Line No.	SUPPLIER & RATE SCHEDULE	TYPE CHARGE	AUGUST 00				SEPTEMBER 00				OCTOBER 00			
			QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$
1	ANR-ETS 00001	D-1 COMMODITY	3,850	91,003	8.65500	\$33,322	3,850	72,237	8.65500	\$33,322	3,850	77,921	8.65500	\$33,322
2	KIRKSVILLE				0.02430	\$2,211			0.02430	\$1,755			0.02430	\$1,893
3														
4	TOTAL				91003	\$35,533			72237	\$35,077			77921	\$35,216
5														
6														
7	ANR-ETS 00050	D-1 COMMODITY	1,128	22,080	8.51300	\$7,347	1,128	16,018	8.51300	\$7,347	1,128	3,055	8.51300	\$7,347
8	KIRKSVILLE				0.00950	\$208			0.00950	\$152			0.00950	\$29
9														
10	TOTAL				22000	\$7,556			16018	\$7,499			3055	\$7,378
11														
12	ANR-FSS 30000	D-1 CAPACITY LINWD	3,907	18,269	2.45000	\$9,572	1,118	16,210	2.45000	\$2,739	1,118	16,269	2.45000	\$2,739
13	KIRKSVILLE				0.40000	\$6,508			0.40000	\$6,508			0.40000	\$6,508
14														
15	TOTAL				38533	\$16,360			32479	\$9,451			19381	\$9,286
16														
17	ANR-FTS 18450	D-1 COMMODITY	875	29,000	9.54700	\$8,308	875	13,000	9.54700	\$9,308	875	0	9.54700	\$9,308
18	KIRKSVILLE				0.02570	\$745			0.02570	\$334			0.02570	\$0
19														
20	TOTAL				29000	\$10,054			13000	\$9,642			0	\$0,308
21														
22	ANR-FSS 32350	D-1 CAPACITY LINWD	3,856	16,067	2.60000	\$10,026	3,856	18,087	2.60000	\$10,026	3,856	16,067	2.60000	\$10,026
23	KIRKSVILLE				0.40000	\$6,427			0.40000	\$6,427			0.40000	\$6,427
24														
25	TOTAL				29348	\$370			13156	\$198			0	\$0
26														
27	ANR-FSS 32350	D-1 CAPACITY LINWD	3,856	16,067	2.60000	\$10,026	3,856	18,087	2.60000	\$10,026	3,856	16,067	2.60000	\$10,026
28	KIRKSVILLE				0.40000	\$6,427			0.40000	\$6,427			0.40000	\$6,427
29														
30	TOTAL				29348	\$370			13156	\$198			0	\$0
31														
32	ANR-FSS 32350	D-1 CAPACITY LINWD	3,856	16,067	2.60000	\$10,026	3,856	18,087	2.60000	\$10,026	3,856	16,067	2.60000	\$10,026
33	KIRKSVILLE				0.40000	\$6,427			0.40000	\$6,427			0.40000	\$6,427
34														
35	TOTAL				29348	\$370			13156	\$198			0	\$0
36														
37	ANR-FSS 32350	D-1 CAPACITY LINWD	3,856	16,067	2.60000	\$10,026	3,856	18,087						

ANG GAS SUPPLY BUDGET 2000
BY SUPPLIER

Line No.	SUPPLIER & RATE SCHEDULE	TYPE CHARGE	Nov-99				Dec-99				JANUARY 00						
			QUANTITY	COMMODITY	OLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY	VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY	VOLUME MCF	RATE \$/MCF	TOTAL COST \$
1	MRT SCT	COMMODITY			17,317	0.47130	\$8,162			29,934	0.47130	\$14,108			34,574	0.47130	\$16,295
2																	
3	TOTAL				17317		\$8,162			29934		\$14,108			34574		\$16,295
4																	
5	MRT FSS	DELIVERABILITY	1,916			0.81900	\$1,569	1,916			0.81900	\$1,569	1,916			0.81900	\$1,569
6		CAPACITY			9,166	0.18050	\$1,654			9,166	0.18050	\$1,654			9,166	0.18050	\$1,654
7		INJWD			(5,000)	0.00330	\$20			(30,000)	0.00330	\$99			(30,000)	0.00330	\$99
8																	
9	TOTAL				(6,000)		\$3,243			(30,000)		\$3,323			(30,000)		\$3,323
10																	
11	MRT - FTS	RES - Field & Mkt	348			4.83900	\$1,684	348			4.83900	\$1,684	348			4.83900	\$1,684
12		COMMODITY			10200	0.01500	\$153			10540	0.01500	\$158			10540	0.01500	\$158
13																	
14	TOTAL				10200		\$1,837			10540		\$1,842			10540		\$1,842
15																	
16	MRT SSB	RESERVATION	0			0.85340	\$0	0			0.85340	\$0	0			0.85340	\$0
17		COMMODITY			0	0.00380	\$0			0	0.00380	\$0			0	0.00380	\$0
18																	
19	TOTAL						\$0			0		\$0					\$0
20																	
21	MRT ENERGY - Purchases	RESERVATION	2,859			0.21700	\$18,860	2,859			0.21700	\$18,860	2,859			0.21700	\$18,860
22	MRT	COMMODITY			21,731	2.79600	\$60,760			10,980	2.83100	\$32,212			15,877	3.08700	\$48,081
23																	
24	TOTAL				21731		\$79,620			10980		\$51,072			15877		\$66,942
25																	
26	MRT ENERGY SERVICES																
27	MRT	AGENCY CHARGE			27,517	0.03000	\$826			40,474	0.03000	\$1,214			45,114	0.03000	\$1,353
28																	
29	TOTAL				27517		\$826			40474		\$1,214			45114		\$1,353
30																	
31																	
32	NORAM-UP STREAM (West)	RESERVATION	300			4.31680	\$1,295	300			4.31680	\$1,295	300			4.31680	\$1,295
33	MRT	COMMODITY				0.00990	\$0				0.00990	\$0				0.00990	\$0
34																	
35	TOTAL				0		\$1,295			0		\$1,295			0		\$1,295
36																	
37																	
38	NORAM-UP STREAM (South)	RESERVATION	325			2.18880	\$711	325			2.18880	\$711	325			2.18880	\$711
39	MRT	COMMODITY				0.00990	\$0				0.00990	\$0				0.00990	\$0
40																	
41	TOTAL				0		\$711			0		\$711			0		\$711
42																	
43																	
44																	
45	TOTAL COMMODITY AND \$				21,731		\$95,694			10,980		\$73,565			15,677		\$91,761
46																	
47																	
48																	
49																	
50																	
51	GRAND TOTALS				735,867		\$3,168,745			1,094,017		\$4,398,218			1,094,450		\$4,574,565
52																	

ANG GAS SUPPLY BUDGET 2000
BY SUPPLIER

Line No.	SUPPLIER & RATE SCHEDULE	TYPE CHARGE	FEBRUARY 00				MARCH 00				APRIL 00			
			QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$
1	MRT SCT	COMMODITY		26,917	0.47130	\$12,686		16,900	0.47130	\$7,965		11,308	0.47130	\$5,329
2	TOTAL			26917		\$12,686		16900		\$7,965		11308		\$5,329
4	MRT FSS	DELIVERABILITY CAPACITY INJWD	1,916		0.21900	\$1,569	1,916		0.21900	\$1,569	1,916		0.21900	\$1,569
5				9,166	0.18050	\$1,654		9,166	0.18050	\$1,654		9,166	0.18050	\$1,654
6				(20,000)	0.00330	\$66		(14,000)	0.00330	\$46		13,000	0.00330	\$43
7				(20,000)		\$3,290		(14,000)		\$3,270		13,000		\$3,267
8	TOTAL					\$1,827				\$1,842				\$1,782
10	MRT - FTS	RES - Field & Mkt	348		4.83900	\$1,684	348		4.83900	\$1,684	348		4.83900	\$1,684
11		COMMODITY		9520	0.01500	\$143		10540	0.01500	\$156		5200	0.01500	\$78
12				9520		\$1,827		10540		\$1,842		5200		\$1,782
13	TOTAL					\$0				\$0				\$0
14	MRT SSB	RESERVATION COMMODITY	0		0.86340	\$0	0		0.86340	\$0	532		0.86340	\$459
15				0	0.00390	\$0		0	0.00390	\$0		12870	0.00390	\$49
16				0		\$0		0		\$0		0		\$508
17	TOTAL					\$0				\$0				\$0
19	MRT ENERGY - Purchases	RESERVATION COMMODITY	2,859		0.21700	\$18,860	1,979		0.10500	\$6,317	993		0.10500	\$3,170
20				16,649	2.86000	\$48,525		13,739	2.71200	\$37,260		16,602	2.58700	\$42,817
21				16,649		\$67,385		13739		\$43,577		16602		\$45,767
22	TOTAL					\$1,063				\$823				\$485
23	MRT ENERGY SERVICES	AGENCY CHARGE		36,437	0.03000	\$1,093		27,440	0.03000	\$823		16,508	0.03000	\$495
24				36437		\$1,093		27440		\$823		16508		\$485
25	TOTAL					\$1,295				\$1,295				\$1,295
26	NORAM-UP STREAM (West)	RESERVATION COMMODITY	300		4.31680	\$1,295	300		4.31680	\$1,295	300		4.31680	\$1,295
27					0.00990	\$0			0.00990	\$0			0.00990	\$0
28				0		\$1,295		0		\$1,295		0		\$1,295
29	TOTAL					\$711				\$711				\$711
30	NORAM-UP STREAM (South)	RESERVATION COMMODITY	325		2.18880	\$711	325		2.18880	\$711	325		2.18880	\$711
31					0.00990	\$0			0.00990	\$0			0.00990	\$0
32				0		\$711		0		\$711		0		\$711
33	TOTAL					\$88,287				\$88,287				\$88,287
34	TOTAL COMMODITY AND \$			16,849		\$88,287		13,739		\$59,484		16,602		\$59,155
35						\$3,852,690				\$2,677,092				\$2,610,543
36	GRAND TOTALS			863,069		\$3,852,690		642,437		\$2,677,092		629,874		\$2,610,543

ANG GAS SUPPLY BUDGET 2000

BY SUPPLIER

Line No.	SUPPLIER & RATE SCHEDULE	TYPE CHARGE	MAY 00				JUNE 00				JULY 00			
			QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$
1	MRT SCT	COMMODITY		4,413	0.47130	\$2,080		2,278	0.47130	\$1,073		2,315	0.47130	\$1,091
2	TOTAL			4413		\$2,080		2278		\$1,073		2315		\$1,091
4	MRT FSS	DELIVERABILITY CAPACITY INJWD	1,916		0.81900	\$1,569	1,916		0.81900	\$1,569	1,916		0.81900	\$1,569
5				9,168	0.18050	\$1,654		9,168	0.18050	\$1,654		9,168	0.18050	\$1,654
6				14,000	0.00330	\$46		14,000	0.00330	\$46		14,000	0.00330	\$46
7	TOTAL			13330		\$3,270		12900		\$3,270		13330		\$3,270
10	MRT - FTS	RES - Field & Mkt COMMODITY	348		4.83900	\$1,684	348		4.83900	\$1,684	348		4.83900	\$1,684
11				5200	0.01500	\$78		5200	0.01500	\$78		5200	0.01500	\$78
12	TOTAL			5200		\$1,762		5200		\$1,762		5200		\$1,762
14	MRT SSB	RESERVATION COMMODITY	532		0.86340	\$459	532		0.86340	\$459	532		0.86340	\$459
15				13330	0.00380	\$51		12800	0.00380	\$49		13330	0.00380	\$51
16	TOTAL			13330		\$510		12800		\$508		13330		\$510
19	MRT ENERGY - Purchases	RESERVATION COMMODITY	993		0.10500	\$3,170	993		0.10500	\$3,170	993		0.10500	\$3,170
20				12,124	2.49000	\$30,189		25,789	2.48500	\$64,086		26,025	2.48500	\$64,672
21	TOTAL			12124		\$33,358		25789		\$67,255		26025		\$67,842
22	MRT ENERGY SERVICES	AGENCY CHARGE		9,613	0.03000	\$288		7,476	0.03000	\$224		7,515	0.03000	\$225
23				9613		\$288		7476		\$224		7515		\$225
24	TOTAL													
26	NORAM-UP STREAM (West)	RESERVATION COMMODITY	300		4.31880	\$1,295	300		4.31880	\$1,295	300		4.31880	\$1,295
27					0.00990	\$0			0.00990	\$0			0.00990	\$0
28	TOTAL			0		\$1,295		0		\$1,295		0		\$1,295
30	NORAM-UP STREAM (South)	RESERVATION COMMODITY	325		2.18880	\$711	325		2.18880	\$711	325		2.18880	\$711
31					0.00990	\$0			0.00990	\$0			0.00990	\$0
32	TOTAL			0		\$711		0		\$711		0		\$711
33	TOTAL COMMODITY AND \$			12,124		\$43,275		25,789		\$78,089		26,025		\$78,707
34	GRAND TOTALS			561,378		\$2,387,434		509,591		\$2,264,414		503,013		\$2,258,251

ANG GAS SUPPLY BUDGET 2000
BY SUPPLIER

Line No.	SUPPLIER & RATE SCHEDULE	TYPE CHARGE	AUGUST 00				SEPTEMBER 00				OCTOBER 00				TOTAL MCF PURCHASED	TOTAL COST \$
			QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$	QUANTITY	COMMODITY VOLUME MCF	RATE \$/MCF	TOTAL COST \$		
1	MRT SCT	COMMODITY		2,455	0.47130	\$1,157		2,460	0.47130	\$1,159		8,982	0.47130	\$4,233		\$75,338
2																
3	TOTAL			2455		\$1,157		2460		\$1,159		8982		\$4,233		\$75,338
4																
5	MRT FSS	DELIVERABILITY	1,916		0.81900	\$1,569	1,916		0.81900	\$1,569	1,916		0.81900	\$1,569		\$18,830
6		CAPACITY		9,166	0.18050	\$1,654		9,166	0.18050	\$1,654		9,166	0.18050	\$1,654		\$19,654
7		INLWD		14,000	0.00330	\$46		13,500	0.00330	\$45		13,500	0.00330	\$45		\$647
8																
9	TOTAL			13330		\$3,270		12900		\$3,268		13340		\$3,268		\$39,331
10																
11	MRT - FTS	RES - Field & Mkt	348		4.83900	\$1,684	348		4.83900	\$1,684	348		4.83900	\$1,684		\$20,208
12		COMMODITY		5200	0.01500	\$78		5200	0.01500	\$78		5200	0.01500	\$78		\$1,316
13																
14	TOTAL			5200		\$1,762		5200		\$1,762		5200		\$1,762		\$21,524
15																
16	MRT SSB	RESERVATION	532		0.86340	\$459	532		0.86340	\$459	532		0.86340	\$459		\$3,215
17		COMMODITY		13330	0.00380	\$51		12900	0.00380	\$49		13340	0.00380	\$51		\$350
18																
19	TOTAL			13330		\$510		12900		\$508		13340		\$510		\$3,565
20																
21	MRT ENERGY - Purchases	RESERVATION	993		0.10500	\$3,170	993		0.10500	\$3,170	993		0.10500	\$3,170		\$103,946
22	MRT	COMMODITY		28,702	2.49500	\$74,106		27,350	2.52000	\$68,922		28,456	2.57400	\$73,246		\$644,676
23																
24	TOTAL			29702		\$77,276		27350		\$72,092		28456		\$76,415		\$748,622
25																
26	MRT ENERGY SERVICES	AGENCY CHARGE		7,855	0.03000	\$230		7,860	0.03000	\$230		14,842	0.03000	\$445		\$7,448
27	MRT															
28																
29	TOTAL			7655		\$230		7660		\$230		14842		\$445		\$7,448
30																
31																
32	NORAM-UP STREAM (West)	RESERVATION	300		4.31680	\$1,295	300		4.31680	\$1,295	300		4.31680	\$1,295		\$15,540
33	MRT	COMMODITY			0.00990	\$0			0.00990	\$0			0.00990	\$0		\$0
34																
35	TOTAL			0		\$1,295		0		\$1,295		0		\$1,295		\$15,540
36																
37																
38	NORAM-UP STREAM (South)	RESERVATION	325		2.18880	\$711	325		2.18880	\$711	325		2.18880	\$711		\$8,536
39	MRT	COMMODITY			0.00990	\$0			0.00990	\$0			0.00990	\$0		\$0
40																
41	TOTAL			0		\$711		0		\$711		0		\$711		\$8,536
42																
43																
44																
45	TOTAL COMMODITY AND \$			29,702		\$88,211		27,350		\$81,028		28,456		\$88,640		\$919,903
46																
47																
48																
49																
50																
51	GRAND TOTALS			498,225		\$2,249,463		520,046		\$2,302,921		624,482		\$2,638,813		\$35,361,140
52																
			TOTAL COMMODITY MCF				TOTAL COMMODITY MCF				TOTAL COMMODITY MCF				GRAND TOTAL GRAND TOTAL	
			MONTHLY COST				MONTHLY COST				MONTHLY COST				MONTHLY COST	
			\$2,249,463				\$2,302,921				\$2,638,813				\$35,361,140	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST				TOTAL MONTHLY COST	
			\$88,211				\$81,028				\$88,640				\$919,903	
			</													

Associated Natural Gas Company
PGA Limits on Commodity Cost
For the 1999-2000 Winter Period

	(1) October Commodity Gas Cost Per Ccf	(2) Average of Single Highest ACA Cost and Overall Weighted Average ACA Cost	(3) Higher of (1) or (2)	(4) Commodity PGA	(5) RPGA Rate Lower of (3) or (4)
Southeast Missouri					
Firm	0.28602	0.27919	0.28602	0.31116	0.28602
Interruptible	0.28603	0.30002	0.30002	0.30730	0.30002
Kirksville					
Firm	0.25993	0.27552	0.27552	0.27493	0.27493
Interruptible	0.25994	0.28690	0.28690	0.27421	0.27421
Butler					
Firm	0.31759	0.36155	0.36155	0.32818	0.32818
Interruptible	0.31764	0.34331	0.34331	0.32778	0.32778

Associated Natural Gas Company
Summary of Commodity Costs And Mcf
For 1996, 1997 and 1998 Winter Periods

Commodity Costs

Month/Year		SEMO-F \$	SEMO-I \$	Kirkville-F \$	Kirkville-I \$	Butler-F \$	Butler-I \$
November	1996	1,221,105.21	286,831.06	247,811.71	73,187.92	191,882.52	5,162.59
December	1996	1,828,304.23	244,838.11	418,633.60	42,365.86	303,627.79	8,521.68
January	1997	2,598,500.50	183,917.86	536,780.31	45,853.26	402,597.91	11,512.26
February	1997	1,446,462.75	94,458.51	293,274.81	17,529.35	211,984.95	7,506.61
March	1997	864,489.04	66,570.76	199,929.66	13,693.24	116,577.32	5,852.13
Total 96-97 Winter Period		7,958,861.73	876,616.30	1,696,430.09	192,629.63	1,226,670.49	38,555.27
November	1997	1,465,224.77	283,959.83	268,141.08	37,921.10	185,920.71	4,188.94
December	1997	1,696,735.93	179,533.52	307,850.52	27,681.39	220,699.82	4,314.63
January	1998	1,568,002.68	112,672.65	311,824.14	15,859.90	211,946.94	4,491.55
February	1998	1,133,913.74	90,143.89	213,290.38	16,128.11	148,880.51	4,397.77
March	1998	1,218,897.75	103,690.84	254,772.42	33,529.52	176,210.49	6,621.85
Total 97-98 Winter Period		7,082,774.87	770,000.73	1,355,878.54	131,120.02	943,658.47	24,014.74
November	1998	576,867.57	235,736.42	143,807.66	79,080.83	91,943.83	10,215.97
December	1998	1,432,154.06	244,841.34	239,502.18	108,005.35	185,128.63	16,800.50
January	1999	1,602,540.13	119,880.49	342,186.19	89,267.86	224,686.67	12,549.80
February	1999	1,000,574.93	104,544.27	208,456.96	63,042.07	134,650.83	8,609.97
March	1999	1,054,201.85	116,873.30	196,311.36	60,707.97	133,174.52	9,136.36
Total 98-99 Winter Period		5,666,338.54	821,875.82	1,130,264.35	400,104.08	769,584.48	57,312.60
Total Cost for 3 Periods		20,707,975.14	2,468,492.85	4,182,572.98	723,853.73	2,939,913.44	119,882.61

Mcf Sales

Month/Year		SEMO-F Mcf	SEMO-I Mcf	Kirkville-F Mcf	Kirkville-I Mcf	Butler-F Mcf	Butler-I Mcf
November	1996	296,879	74,116	65,567	19,360	34,509	929
December	1996	571,449	76,555	121,081	12,257	65,798	1,848
January	1997	757,022	53,558	159,326	13,617	86,328	2,473
February	1997	700,990	45,745	138,442	8,279	79,281	2,804
March	1997	411,369	31,700	92,323	6,322	50,036	2,514
Total 96-97 Winter Period		2,737,709	281,674	576,739	59,835	315,952	10,568
November	1997	357,364	69,435	71,806	10,157	35,491	798
December	1997	565,146	59,783	109,488	9,840	59,969	1,165
January	1998	628,952	45,123	128,746	6,554	71,890	1,519
February	1998	571,387	45,333	107,759	8,142	63,844	1,891
March	1998	496,342	42,158	106,296	13,987	60,224	2,262
Total 97-98 Winter Period		2,619,191	261,832	524,095	48,680	291,418	7,635
November	1998	197,418	80,679	56,834	31,257	24,626	2,735
December	1998	354,849	60,684	77,570	34,982	39,611	3,594
January	1999	823,567	61,591	167,736	43,758	91,187	5,093
February	1999	479,793	50,134	112,788	34,117	59,516	3,808
March	1999	524,034	58,105	112,387	34,762	55,673	3,822
Total 98-99 Winter Period		2,379,661	311,193	527,315	178,876	270,613	19,052
Total Mcf for 3 Periods		7,736,561	854,699	1,628,149	287,391	877,983	37,255
Average Cost							
1996 - 1997 Winter Period		2.9071	3.1122	2.9414	3.2193	3.8825	3.6483
1997 - 1998 Winter Period		2.7042	2.9408	2.5871	2.6935	3.2382	3.1453
1998 - 1999 Winter Period		2.3812	2.6410	2.1434	2.2368	2.8439	3.0082
3 Year Weighted Avg.		2.6766	2.8881	2.5689	2.5187	3.3485	3.2179
Highest of 3 Years		2.9071	3.1122	2.9414	3.2193	3.8825	3.6483
Average of Highest & 3 Year Weighted Avg.		2.7919	3.0002	2.7552	2.8690	3.6155	3.4331