3/25/2003



Throughput Management System (TMS) Group Option User Manual



The Throughput Management System (TMS) *Group* function is available on the following screens: Nomination Maintenance, Nomination Reconciliation, Confirmation Maintenance, Scheduled Quantity, FDD Contract Balance, and IDD/PNR Contract Balance.

The purpose of the *Group* function is to allow you to group data by one or more column names; for example, *Beg Date* and/or *Rec Loc*. The system then subtotals the data based on your grouping selection. The more column heads you select, the more narrow your grouping. The instructions for using the *group* function are the same for all the screens. Thus, we have used the Nomination Maintenance screen in the instructions below.

- 1. Open a contract using the desired TMS screen on which you want to group data (Figure 1).
- 2. Right mouse click in the Matrix area of the screen.



 Drag your cursor over Group and left mouse click on it.

> The SubTotal Group Criteria View screen appears (Figure 2).

Gas Date: 10020300 solar Internet Statements at MOG K: BODD 11 (0 on the D Fuel Qtr Rec Up ID Der Lac Del Del Package Gry Rans D De O 22228 51111 46444 33333 11123 22123 33123 44123 11 345 22345 33345 44345 55345 06/01/0008 06/01/0008 06/01/0008 06/01/0008 22222 32223 41444 22222222222 203332223 4444444444 221 331 441 15,409 52,667 68123 17123 12/10/2000 Matrix Area. Right mouse click in this area to invoke the menu. E ele 6/02/2000 Tutals Recept City 305/200 Delivery Gig 291,004 nuel day 14,204

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Available Selected T Beg Date Cycle Del Loc Del Cty Del Rank Dn K Dn K Dn ID End Date Fuel Qty Group Close

Figure 2. SubTotal Group Criteria View Screen

Left mouse click on the desired group option in the **Available** area of the screen.
 For example, *Beg Date*.
 A check mark will appear to the left of your selection (Figure 3).



Figure 3. Select Group Option

Figure 1. Nomination Maintenance Screen

- 5. Left mouse click on Solution in the selected column name will move to the **Selected** area of the screen (Figure 4). Select other column names if desired. Be aware of the order in which you move them from the **Available** area to the **Selected** area. The data will be grouped based on this order.
- If you change your mind and do not want to group on one of the heading names you have selected, click on it in the **Selected** area. A check mark will appear beside it.
- Click to return the column name to the Available area (Figure 5).
- 8. After selecting all the column names on which you want to group, click

Group

(Figure 4). You are returned to the Nomination Maintenance screen. The data is grouped according to the criteria you selected, and the quantities are subtotaled (Figure 6).



Figure 4. Move Option to Selected Area



Figure 5. Return Option to Available Area



Figure 6. Subtotal by Group

Notice how the grouping results differ between Figure 6 where only **Beg Date** was selected for the group and Figure 7 where **Beg Date** was the first selection and **Rec Loc** was the second selection.

Sivo Reg kominator: Ivo Reg K	6000	Rusty Nat	Nal Gao Gas Conu	Company ang			Ceri	bas Date: tract MDQ	8/22/2008		Create (Create		(estace)
Dates Hegi (3 Tint (4	01/2000	Receipt fLoc Prop fUp D:	=	3		Delivery *Lac Prop *Dn D:		2			+TT: Package IX	01 -	2
st Gr	ouping	Quertity: Rank:	-	2nd Gr	oupi	guerety. Paric		0			Nom Trk ID: Fuel Gity:	E	
Cycle	Deg	End Date	Rec	Up D	Up K	Rec Ofv	Rec Bank	Del Loc	De D	De K	Del	Del Rori	Pack
Timely	00/08/0300	05/51/2900	11111	1111111111 Subletat	22222	195,012 195,012	1	10123	111234567	11345	186,236	1	
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Timety Timety Timety Timety	000080930	06/31/2300 06/31/2300 06/31/2300	11111 22222 33333 44444	1111111111 Subtotali 222222222 Subtotali 333333333 Subtotali 410444444 Subtotali	22222 111 11 44444 33333	195,012 195,012 40,000 16,409 16,409 52,857 52,857	1 2 2 2	11123 22129 33123 44123	111234567 221234567 221234567 441234567	11245 22345 20345 44245	186,238 196,238 38,000 38,000 16,938 15,539 50,224 50,224	1 2 2 2 2	
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Timely Timely Timely Timely Timely Timely	08/08/2000 08/08/2000 08/08/2000 08/08/2000 08/08/2000 08/08/2000 18/18/2000	08/31/2300 08/31/2300 08/31/2300 08/31/2300 08/31/2300 08/31/2300 10/10/2000	11111 22222 33333 44444 55555 66666 77777	11111111 Subtotal Subtotal 303303033 Subtotal 41444444 Subtotal 305505055 Subtotal 805505055 Subtotal 805505055 Subtotal 805505055 Subtotal	22222 11111 44444 33333 66566 55555 800.00	195,012 195,012 40,000 40,000 16,409 52,867 52,967 1,000 1,000 2,000 2,000 10,077 10,077	1 2 2 2 1 1 1	11122 22123 33123 44123 65123 66123 77123	111234587 221234587 221234587 441234587 551234567 861234567 771234567	11245 22345 20245 44245 66245 66245 77345	198,238 198,238 38,000 38,000 16,589 15,529 50,224 90,224 925 925 1,910 1,910 1,910 1,910 1,910	1 2 2 2 1 1 1	TEST

Figure 7. Selecting More than One Group

Following are examples of the Confirmation Maintenance, Nomination Reconciliation, and Scheduled Quantity screens that have had data grouped using the *Group* function.

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8516	0	157445536	02803851214	25505	AGAVE ENERGY CO.	-12,838		-12,838	0	3/25/2000	111111	0	444444444	111222222222	22000	ADC QAS CO.	42,000	.42	200	00/05/2000
60749	D	161446109	22010	26606	AGAVE ENERGY CO.	-721		-721	0	1/25/2000						Sublotal:	12,008	.12	103	
500168	D	148127883	73	26606	AGAVE ENERGY CO.	-9,279		-9,279	0	125/2000	2222222	D	222111111	33322222222	33000	ABC GAS CO.	-6,000	-6,	000	08/25/2000
500168	D	361439698	2128	26606	AGAVE ENERGY CO.	-15,000		-15,000	0	8/25/2000			-	*********	22220	Subtotat:	-5,000	-	100	00000000
500515	D	157445536	VMO27	26606	AGAVE ENERGY CO.	0		0	0	125/2000	3333333		444111111	555222222222	33000	490 045 00	750		140	08/25/2000
500515	P.	157445536	PLE00011	26606	AGAVE ENERGY CO.	-2,162		-2,162	0	3/25/2000				····	Press	Subtotat:	6,750	5.	150	
500515	D	157445536	VMH027	29606	AGAVE ENERGY CO.	0		0	0	1/25/2000	444444	D	555111111	66622222222	33000	XYZ GAS CO.	-40,000	- 40,	000	08/25/2000
500515	0	157445538	PLE0011	26806	AGAVE ENERGY CO.	0		0	0	\$72572000	446444	2	666111111	77722222222	40000	XYZGASCO.	-10,000	- 10,	000	00/25/2000
500533	R	004320568	125391	25980	ENROR ENERGY SERVICES, INC.	5,700		5,706		0252000	444444	6	000111111	999222222222	40000	XYZGASCO.	-8,000		000	08/25/2000
500540	0	004328568	9K35	25980	ENROR EDERGY SERVICES, INC.	-5,692		-5,892		02522000				OPPERERRER	40,000	Subtotal:	-54,000	-54	909	100202000
000633	a (1487989370	122246	100001	DUNE ENERGY TRADING AND M	-39,900	0	-39,900		01000	555555	D	3333330000	444477777777	77000	201 GAS CO.	6,000	6.	000	08/31/2000
600622		149209030	1220228	20001	DUNE ENERGY TRADEG AND M	0,124		0,124	ő	01/2000	and the second	1.23				Subtotal:	6,000	6,	990	
5000034	0	947436333	121721	20248	DURE ENERGY TRADING AND M	0		0	0	1/21/2000	000000	D	9999777777	44444666666	66000	GOP GAS CO.	5,000	6	100	00/01/2000
500533	R	1111111111	195674	24954	NORTHWEST PIPELINE CORPOR	2.303		2.303	o o	3/31/2000	7777777	D	999777777	4444555555	55000	ROT GAS CO.	15,000	15	300	08/91/2000
500533	R	824670478	125372	24925	VALUAMS ENERGY MARKETING	15,000		15.000	0	3/01/2000	777777	Ď	0000666666	4444443333	44000	NOT GAS CO.	10,000	10,	000	08/01/2000
500533	R	1111111111	122735	24954	NORTHWEST PIPELINE CORPOR	9,500		9,500	0	101/2000						Subtotat:	25,000	25,	900	
500533	R	245947996	100157	27316	SOUTHERN COMPANY ENERGY	10.025		10.025	0	3/31/2000						TORNE	-30,250	-30,3	96	
500533	R	248947996	100157	27317	SOUTHERN COMPANY ENERGY	22,821		22,821	0	3/31/2000										
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Figure 8. Confirmation Maintenance Screen Grouped on End Date

Figure 9. Confirmation Maintenance Screen Grouped on End Date and Location

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TSP:	NORTHERN	INATURAL GAS	COMPANY	(111112)	(22)							
Ges Dete:	8/23/2000	Cycle: Intr	aday 1		-	View.	Nom/Cont Exce	ptions 2	-			
Evro Filma ID	1	11 ABC XY	C GAS CO		1000	Svc Reg K	Al Contracts	3	Loc 7	I Locations	2	F.
Svc Reg	Loc	Loc Name	K	Nom	UpiDn	Up/Dn	Rec.Del	Nom	Rec/Del	Conf	Sched Otv	- In
111111	30000	ABC CO.	D	042	111111	100000000		842		842		1
		Subtotal:		842			0	842	0	842	0	1
222222	40000	ABC/TOP	R	20,000	AAAAA	111111111		20,000		20,000		
222222	40001	ABOXYZ	D	45,831	XXXX	7777777777		45,931		45,931		
222222	40002	ABCINIL	R	16,000	ZZZ	777777777		16,000		16,000		
222222	40002	ABCINIL	8	10,000	RRR-RR	377777777		10,000		10,000		
		Subtotat		91,931			0	91,931	0	91,931	0	
333333	50000	ABC TR/D	R	15,000	12345	100000001	10,000	5,000		0		
333333	50000	ABC TR/D	R	25,788	23458	200000002	3,214	22,574		0		
333333	50000	ABC TR/D	D	10,000	34567	300000003		10,000		10,000		
333333	50000	ABC TRID	D	10,000	45878	400000004		10,000		10,000		
333333	50000	ABC TR/D	P	50,000	56789	500000005	25,000	25,000		0		
333333	50000	ABC TR/D	D	5,000	67090	60000006		5,000		5,000		
		Subtotat		115,788			38,214	77,574	0	25,000	0	
444444	444444	ABC/DOG	R	10,000	BROM	123456709		10,000		10,000		
444444	444444	GOODE COO	R	5,000	10000	234567090		0	1,747	3,253		
444444	444444	BITS CO	R	62	20000	333334444		0	61	.9		
444444	444444	RRR CO	R	3,286	20000	333334444		3,286		3,286		
444444	444444	MMM CO	R	906	20000	333334444		0	\$30	-24		
444444	444444	ZZZ COUN	R	1,061	20000	333334444		0	855	206		
444444	446664	ZZZ COUN	R	\$20	3000	444445555		\$20		520		
		Subtotel:		20,825			0	13,806	3,503	17,232	0	
		Total:		229,306			38,214	184,153	3,593	135,005	0	
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Figure 10.	Nomination	Reconciliation
Screen	Grouped on	Svc Req K

									El OF	Ca Palese Expert Fie	t.
TSP:	NORTHERN	INATURAL GAS	COMPANY	(1111122	22) .						
Ges Dete:	8/23/2000	Cycle: Intr	aday 1		-	View.	Nom/Cont Exce	ptions			
Svo Reg ID	1	11 ABC XYZ	GASCO)		Svc Req K	All Contracts		Loc A	Locations	2
Svc Reg -	In	Loc blance	K	Nom	Up/Dn	Up/Dn	Rec.Def	Nom	ReciDel	Conf	Sched
111111	30000	ABC CO.	0	042	1111111	100000000	19410	042	WHI!	042	- Ser y
	30000	Subtotal:	0	642		1000000000	0	842	0	842	0
222222	40000	ABC/TOP	R	10,000	AAAAA	777777777		10.000		10.000	
		Subtotal:		10,000			0	10,000	0	10,000	0
222222	40001	ABCOXYZ	R	16,000	XXXX	777777777		16,000		16,000	
		Subtotal:		16,000			0	16,000	0	16,000	0
222222	40002	ABCINIL	R	20,000	777	7177777777		20,000		20,000	
		Subtotal:		20,000			0	20,000	0	20,000	0
222222	40002	ABCINIL	D	45,931	RRR-RR	777777777		45,931		45,931	
		Subtotal:		45,901			0	45,901	0	45,901	0
330333	50000	ABC TR/D	R	15,000	12345	100000001	10,000	5,000		0	
333333	50000	ABC TR/D	D	5,000	23466	200000002		\$,000		5,000	
		Subtotal:		20,000			10,000	10,000	0	5,000	0
333333	50000	ABC TR/D	D	10,000	34567	30000003		10,000		10,000	
333333	50000	ABC TR/D	D	10,000	45678	400000004		10,000		10,000	
		Subtotal:		20,000			0	20,000	0	20,000	0
333333	50000	ABC TR/D	R	25,788	56789	500000005	3,214	22,574		0	
		Subtotal:		25,788			3,214	22,574	0	0	0
333333	50000	ABC TR/D	D	50,000	67890	60000006	25,000	25,000		0	
		SUDTODA:	2	50,000			25,000	25,000	0	0	0
444444	444444	ABCIDOG	R	52	BROM	123456789		0	61	-9	
444444	444444	GOODE COO	R	906	10000	214567650		0	930	-24	
446666	444444	BIISCO	R	\$,000	20000	333334444		0	1,747	3,253	
444444	444444	Marce CO	R	1,061	20000	333334444		0	865	206	1.1
		Suptotal:		7,019			0	0	3,593	3,425	0
1									1		

Figure 11. Nomination Reconciliation Screen Grouped on Svc Req K and Nom Diff