Exhibit LWG-40
Supplemental Answer Testimony of Leslie Glustrom
Xcel Loads and Resources Table with Clean Air Clean Jobs Coal Plant Retirements
Update to 07A-447E Resource Plan Submitted 2010-11-08

Table 4.2

PSCo Loads & Resources Balance Summer 2010-2015

April 2010 Demand Forecast

		2010	2011	2012	2013	2014	2015
Existing PSCo Capacity							
Installed Net Dependable Capacity		3,838	3,838	3,838	3,838	3,838	3,838
PSCo Share of Comanche 3	(1)	511	511	511	511	511	511
Fort St. Vrain Units 5&6	(1)	289	289	289	289	289	289
Retire Zuni 1&2		-38	-38	-38	-107	-107	-107
Retire Cameo 1&2			-73	-73	-73	-73	-73
Retire Arapahoe 3						-45	-45
Retire Cherokee 1&2				-213	-213	-213	-213
	Subtotal	4,599	4,526	4,313	4,245	4,200	4,200
Firm Purchased Capacity							
Basin Electric Power Cooperative No 1		100	100	100	100	100	100
Basin Electric Power Cooperative No 2		75	75	75	75	75	75
Tri-State G&T No.2		100	100	100	100	100	100
Tri-State G&T No.3		25	25	25	25	25	25
Tri-State G&T No.5		100	100				
PacifiCorp (w/ reserves)		171	161	150	150	150	170
Wheeling Losses		(10)	(10)	(8)	(8)	(8)	(8)
	Subtotal	561	551	442	442	442	462
ManChief Power Company		261	261	261	261	261	261
Black Hills Valmont 7 & 8		79	79	79			
Black Hills Arapahoe 5, 6, 7		122	122	122			
Black Hills Fountain Valley Midway		238	238	238			
Brush 1&3		76	76	76	76	76	76
Brush 4D		135	135	135	135	135	135
Tri-State Limon					63	63	63
Tri-State Brighton					132	132	132
Cogentrix Plains End		228	228	228	228	228	228
Calpine Blue Spruce		271					
Calpine Rocky Mountain Energy Center		587					
Thermo Fort Lupton		129	129	129	129	129	129
Thermo Greeley (Monfort)		33					
Thermo Power (UNC)		69	69	66	69		
Invenergy Spindle CT		269	269	269	269	269	269
Hydroelectric PPAs		32	30	30	30	28	28
WM Landfill Gas		3.2	3.2	3.2	3.2	3.2	3.2
	Subtotal	2,632	1,639	1,636	1,395	1,328	1,324
Wind							
FPL Wind		50	50	50	50	50	50
Cedar Creek Wind		38	38	38	38	38	38
Twin Buttes Wind		9	9	9	9	9	9
Colorado Green Wind		20	20	20	20	20	20
enXco Ridge Crest Wind		4	4	4	4	4	4
Invenergy Spring Canyon Wind		8	8	8	8	8	8
Northern Colorado Wind I and II		22	22	22	22	22	22
	Subtotal	150	150	150	150	150	150
Solar (On-Peak Estimates)							
SunE Alamosa1		5	5	5	5	5	5
Greater Sandhill I			11	11	11	11	11
Retail Distributed Generation	(2)	35	43	53	63	73	83
	Subtotal	40	58	69	79	89	99
SPS Diversity Exchange		101	101	101	101	101	101
2007 Colorado Resource Plan							
Wind and Solar (Solar Thermal - 125 MW, Solar PV 60 MW)			62	104	129	254	254
Gas-Fired Resources			856	856	858	858	858
	Subtotal	0	918	962	987	1,112	1,112
PSCo Net Dependable Capacity		***7,983***	***7,936***	***7,676***	***7,399***	***7,418***	***7,454***
PSCo Load							
Apr 2010 Native Load w/Strat Issues DSM Goals		6,490	6,539	6,339	6,477	6,600	6,705
Interruptible Load		225	245	250	254	256	257
Saver's Switch		137	152	163	174	172	160
Firm Obligation Load		***6,128***	***6,142***	***5,926***	***6,048***	***6,172***	***6,288***
Base Reserve Margin %		16.3%	16.3%	16.3%	16.3%	16.3%	16.3%
DSM Above Enhanced DSM		0	15	38	69	105	147
Added Reserve Margin % (Decision No. C08-0560 & 0929)		0.0%	0.1%	0.3%	0.5%	0.7%	0.8%
Reserve Margin % for Phase II Process		16.3%	16.4%	16.6%	16.8%	17.0%	17.1%
Reserve Requirement (MW)		999	1,010	986	1,018	1,049	1,076
IREA & HCEA Backup		40	40	40	40	40	40
Actual Reserve Capacity		1,855	1,794	1,749	1,350	1,246	1,167
Resource Need MW (long)		***(816)***	***(744)***	***(723)***	***(293)***	***(157)***	***(51)***
		2010	**2011**	**2012**	**2013**	**2014**	**2015**

Notes:

(1) The capacity values for these facilities were increased from the values in the 2009 Update to the 2007 CRP to reflect post commercial operations capacity assessments.

(2) The capacity values were changed from the values shown in the 2009 Update to the 2007 CRP to reflect current Retail DG forecasts.