

APPENDIX D

Demand-Side Management

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2005 DSM Summary

		forecast effects			DSM not in Forecast			
	Option	Option Peak	Effective Demand	Energy	Option	Option Peak	Effective Demand	Energy
	Auburn				AC LC		0.65	
	Falls City							
	Audits	0.10	0.10	75				
	Building Codes	0.20	0.20	100				
	Lighting	0.10	0.00	50				
	Fremont							
	Interruptible	1.50	1.50	75				
	Direct load Control	4.50	1.50	120				
	Motors	1.00	1.00	430				
	Grand Island							
	Rates-summer increase block, winter decline							
	Hastings							
	Interruptible Irrigation	2.00	2.00					
	LES				Heating and Cooling	4.00	4.00	(122,173)
	Curtailable Load	14.00	11.00	125	Lighting	12.00	12.00	41,400
					Com Geothermal	1.00	1.00	891
					Distributed Wind	1.30		2,700
	MEAN							
	Direct load control-Wells	15.00	13.00	-	Appliance rebate	2.00	2.00	5,228
	Nebraska City							
	NPPD							
	Irrigation	687.00	371.00	-				
	Direct load control	110.00	45.00	-				
	Distributed Generation	1.00	0.00	200				
	Voltage control	10.00	5.00	300				
	Energy Curtailment Prog	155.00	25.00					
	Distributed Gen-Wholesale	40.00	5.00	9,000				
	Time of use rates	60.00	20.00	180,000				
	OPPD							
	Curtailable Load	108.50	108.50	2,600	Voluntary Load Reduction	16.88	16.88	100
	Tri-State							
	Heating & Cooling	(6.70)	(5.10)	(14,400)				
	Water Heating	(2.40)	(1.80)	(1,800)				
	Motors	(45.20)	(33.90)	(46,330)				
	Wahoo							
	Total included in forecast	1155.60	569.00	130,545	Total not in forecast	37.18	36.53	(71,854)
			MW	%				
	Irrigation		386.00	67.84%				
	Curtailable		121.00	21.27%				
	Direct Load control		46.50	8.17%	10.90%			
	Other		15.50	2.72%				
			569.00	100.00%				

