ORIGINAL APPROVED BUDGET

Department of Energy / Los Alamos County Resource Pool
Including Solar Resource
Fiscal Year 2017
Budget

Los Alamos County Resources	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Total	Total MWh	Cost per MWh
Generation															
San Juan Demand Charge	105,266	105,266	105,266	105,266	105,266	105,266	105,266	105,266	105,266	105,266	105,266	105,266	1,263,197		
San Juan Energy Charge	546,592	546,592	528,960	546,592	528,960	546,592	546,592	493,696	546,592	528,960	546,592	528,960	6,435,678	296,438	$ 25.97
El Vado Demand Charge	131,184	131,184	131,184	131,184	131,184	131,184	131,184	131,184	131,184	131,184	131,184	131,184	1,574,202		
El Vado Energy Charge	57,023	57,023	57,023	57,023	57,023	57,023	57,023	57,023	57,023	57,023	57,023	57,023	684,274	28,091	$ 80.40
Abiquiu Demand Charge	13,313	13,313	13,313	13,313	13,313	13,313	13,313	13,313	13,313	13,313	13,313	13,313	159,752		
Abiquiu Energy Charge	69,971	69,971	69,971	69,971	69,971	69,971	69,971	69,971	69,971	69,971	69,971	69,971	839,655	30,977	$ 32.26
Laramie River Station Demand	243,250	243,250	133,250	133,250	133,250	133,250	133,250	133,250	133,250	133,250	133,250	133,250	1,819,000		
Laramie River Station Energy	112,498	112,498	108,869	112,498	108,869	112,498	112,498	101,612	112,498	67,136	59,878	108,869	1,230,225	77,292	$ 39.45
Western Demand	5,331	5,331	5,331	7,922	7,922	7,922	7,922	7,922	7,922	5,331	5,331	5,331	79,518		
Western Energy	4,826	4,583	4,569	6,503	6,773	7,882	7,003	6,232	6,503	4,732	4,637	4,596	68,839	5,092	$ 29.14
CFPP Deman	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	300,000		
CFPP Energy													-		#DIV/0!
Renewable Energy Purchases	10,026	10,026	9,703	10,026	9,703	10,026	10,026	9,056	10,026	9,703	10,026	9,703	107,817	2,102	$ 51.28
Other Purchased Power	789,110	789,110	789,600	659,400	878,640	907,060	907,060	490,980	170,100	-	-	443,520	6,824,580	194,988	$ 38.77
Spinning Reserve Purchase	61,320	61,320	61,320	61,320	61,320	61,320	61,320	61,320	61,320	61,320	61,320	61,320	735,840		
Economy Sales	-	(2,625)	(7,875)	(15,750)	(5,250)	(2,625)	(5,250)	(18,375)	(10,500)	(28,875)	(141,750)	(5,250)	(244,125)	(9,300)	$ 26.25
Transmission															
Western (LRS)	27,667	27,667	27,667	27,667	27,667	27,667	27,667	27,667	27,667	27,667	27,667	27,667	332,006		
PNM Wheeling	106,868	106,868	106,868	106,868	106,868	106,868	106,868	106,868	106,868	106,868	106,868	106,868	1,282,418		
LASP allocation to batteries	6,033	6,033	6,033	6,033	6,033	6,033	6,033	6,033	6,033	6,033	6,033	6,033	72,395		
OASIS Trans./ Ancil. Services	-	-	-	-	-	-	-	-	-	-	-	-	-		
NORA	8,006	8,006	8,006	8,006	8,006	8,006	8,006	8,006	8,006	8,006	8,006	8,006	96,071		
Jemez	7,273	8,727	5,630	13,270	1,617	1,455	1,789	1,219	10,513	25,982	36,636	21,745	135,856		
Tri-State	1,254	1,505	971	2,288	279	251	309	210	1,813	4,481	6,318	3,750	23,428		
Other Costs															
Norton-STA debt service													-		
Dispatch Center	118,073	118,073	118,073	118,073	118,073	118,073	118,073	118,073	118,073	118,073	118,073	118,073	1,416,876		
Less Kirtland Credit	(50,166)	(51,453)	(47,273)	(46,789)	(44,306)	(45,246)	(41,103)	(39,105)	(41,851)	(41,636)	(43,181)	(45,162)	(537,269)		
Administrative Costs	96,358	96,358	96,358	96,358	96,358	96,358	96,358	96,358	96,358	96,358	96,358	96,358	1,156,292		
Legal Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-		
Summary															
Demand Charges	761,534	761,952	652,501	664,532	653,353	652,224	656,758	658,087	666,238	681,998	692,946	673,505	8,175,628		
Energy Charges	1,734,543	1,731,675	1,705,317	1,590,759	1,799,185	1,852,923	1,849,419	1,354,691	1,106,709	853,146	750,873	1,361,889	17,691,129		
Norton-STA Demand	-	-	-	-	-	-	-	-	-	-	-	-	-		
Customer Charges															
Los Alamos Resource Total	2,496,076	2,493,626	2,357,818	2,255,292	2,452,539	2,505,147	2,506,177	2,012,777	1,772,948	1,535,144	1,443,819	2,035,394	25,866,757	625,680	$41.34

ORIGINAL APPROVED BUDGET

Department of Energy / Los Alamos County Resource Pool
Including Solar Resource
Fiscal Year 2017
Budget

Department of Energy Resources	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Total	Total MWh	Cost per MWh
Generation															
501 TA-3 Fuel	532	532	532	532	532	532	532	532	532	532	532	532	6,385		
503 TA-3 Steam O&M													-		
505 TA-3 Electric Expense	22,018	22,175	19,747	19,909	23,632	26,707	23,146	23,308	27,193	21,852	28,488	22,337	280,513		
513 TA-3 Maint of Elecric Plant	7,457	7,510	6,688	6,743	8,003	9,045	7,839	7,894	9,209	7,400	9,648	7,565	95,000	260	$ 1,468.84
TA-3 Fixed Charges	-	-	-	-	-	-	-	-	-	-	-	-	-		
Combustion Turbine	13,819	13,819	13,819	13,819	13,819	13,819	13,819	13,819	13,819	13,819	13,819	13,819	165,827	10,296	$ 16.11
Western Demand	90,344	90,344	90,344	96,338	96,338	96,338	96,338	96,338	96,338	90,344	90,344	90,344	1,120,092		
Western Energy	75,566	74,828	72,889	82,382	89,154	86,667	94,250	90,365	92,996	82,694	81,119	88,430	1,011,340	69,979	$ 30.46
Western Peaking Capacity/TX	19,200	19,200	19,200	19,200	19,200	19,200	19,200	19,200	19,200	19,200	19,200	19,200	230,400		
Transmission															
562/571 115KV O&M	80,302	80,875	72,020	72,610	86,187	97,404	84,416	85,007	99,175	79,694	103,897	81,465	1,023,051		
Fixed Charges	55,509	55,509	55,509	55,509	55,509	55,509	55,509	55,509	55,509	55,509	55,509	55,509	666,111		
SVC Transmission Credit	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	22,000	264,000		
													1,953,162		
Other Costs															
Load Dispatching	-	-	-	-	-	-	-	-	-	-	-	-	-		
Special Projects	85,803	85,803	85,803	85,803	85,803	85,803	85,803	85,803	85,803	85,803	85,803	85,803	1,029,642		
Summary															
Demand Charges	382,634	383,417	371,312	378,112	396,673	412,006	394,252	395,059	414,427	381,803	414,890	384,224	4,708,809		
Energy Charges	89,917	89,179	87,240	96,733	103,505	101,018	108,601	104,716	107,347	97,045	95,470	102,781	1,183,552		
Customer Charges															
Department of Energy Total	472,551	472,596	458,552	474,845	500,178	513,024	502,853	499,775	521,774	478,848	510,360	487,005	5,892,361	80,535	73.17

ORIGINAL APPROVED BUDGET

Department of Energy / Los Alamos County Resource Pool
Including Solar Resource
Fiscal Year 2017
Budget

	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Total	Total MWh	Cost per MWh
Resource Cost															
													Total Transmission Cost		$5.34
Demand															
Los Alamos	761,534	761,952	652,501	664,532	653,353	652,224	656,758	658,087	666,238	681,998	692,946	673,505	8,175,628		
Department of Energy	382,634	383,417	371,312	378,112	396,673	412,006	394,252	395,059	414,427	381,803	414,890	384,224	4,708,809		
Total	1,144,167	1,145,369	1,023,813	1,042,645	1,050,027	1,064,230	1,051,010	1,053,146	1,080,666	1,063,801	1,107,836	1,057,729	12,884,437		
Energy															
Los Alamos	1,734,543	1,731,675	1,705,317	1,590,759	1,799,185	1,852,923	1,849,419	1,354,691	1,106,709	853,146	750,873	1,361,889	17,691,129		
Department of Energy	89,917	89,179	87,240	96,733	103,505	101,018	108,601	104,716	107,347	97,045	95,470	102,781	1,183,552		
Total	1,824,460	1,820,854	1,792,557	1,687,493	1,902,690	1,953,941	1,958,021	1,459,407	1,214,056	950,190	846,344	1,464,670	18,874,681		
Norton-WTA															
Los Alamos	-	-	-	-	-	-	-	-	-	-	-	-	-		
MW Demand															
LAC Actual Demand	18	17	13	15	16	16	17	15	15	13	13	19			
DOE Actual Demand	77	80	76	76	75	74	77	61	56	57	55	76			
Total Actual Demand	95	97	90	90	91	90	94	76	70	70	69	95			
MW Billing Demand															
LAC Billing Demand	18	17	13	15	16	16	17	15	15	13	13	19			
DOE Billing Demand	77	80	76	76	75	74	77	61	56	57	55	76			
Total Billing Demand	95	97	90	90	91	90	94	76	70	70	69	95			
Norton-WTA Demand															
LAC Billing Demand	18	17	15	15	16	16	17	15	15	15	15	19			
DOE Billing Demand	77	80	76	76	75	74	77	65	65	65	65	76			
Total Billing Demand	95	97	91	91	91	90	94	80	80	80	80	95			
Total Resource Cost	2,968,627	2,966,222	2,816,370	2,730,137	2,952,716	3,018,171	3,009,030	2,512,553	2,294,722	2,013,991	1,954,180	2,522,399	31,759,118	680,334	$ 46.68
Los Alamos Demand %	18.85%	17.28%	14.72%	16.33%	17.97%	17.74%	18.08%	19.60%	21.20%	19.01%	19.38%	20.31%			
Los Alamos Energy %	16.83%	17.59%	15.47%	16.22%	17.27%	18.44%	18.26%	20.37%	21.42%	20.70%	20.46%	17.45%			
Los Alamos Norton-STA %	18.85%	17.28%	16.39%	16.57%	17.97%	17.74%	18.08%	18.75%	18.75%	18.75%	18.75%	20.31%			
Department of Energy Demand %	81.15%	82.72%	85.28%	83.67%	82.03%	82.26%	81.92%	80.40%	78.80%	80.99%	80.62%	79.69%			
Department of Energy Energy %	83.17%	82.41%	84.53%	83.78%	82.73%	81.56%	81.74%	79.63%	78.58%	79.30%	79.54%	82.55%			
DOE Norton-STA %	81.15%	82.72%	83.61%	83.43%	82.03%	82.26%	81.92%	81.25%	81.25%	81.25%	81.25%	79.69%			
Los Alamos Power Cost															
Demand	215,682	197,913	150,688	170,295	188,732	188,787	190,056	206,463	229,086	202,178	214,679	214,798			
Energy	307,137	320,326	277,248	273,782	328,538	360,356	357,518	297,257	260,102	196,676	173,142	255,514			
Norton-STA	-	-	-	-	-	-	-	-	-	-	-	-			
Customer															
Total	522,818	518,239	427,936	444,077	517,270	549,143	547,574	503,720	489,188	398,853	387,821	470,312	5,776,952	123,681	$ 46.71
Deparment of Energy Power Cost															
Demand	928,486	947,455	873,125	872,349	861,295	875,443	860,954	846,683	851,580	861,623	893,157	842,931			
Energy	1,517,323	1,500,528	1,515,309	1,413,711	1,574,152	1,593,585	1,600,502	1,162,150	953,954	753,515	673,201	1,209,156			
Norton-STA	-	-	-	-	-	-	-	-	-	-	-	-			
Customer															
Total	2,445,809	2,447,983	2,388,434	2,286,060	2,435,447	2,469,028	2,461,456	2,008,833	1,805,534	1,615,138	1,566,358	2,052,087	25,982,166	556,653	$ 46.68
Net Due to Los Alamos	1,973,258	1,975,387	1,929,882	1,811,215	1,935,269	1,956,004	1,958,603	1,509,058	1,283,760	1,136,290	1,055,998	1,565,082	20,089,805		
Distribution Expense	(2,046)	(2,046)	(2,046)	(2,046)	(2,046)	(2,046)	(2,046)	(2,046)	(2,046)	(2,046)	(2,046)	(2,046)	(24,552)		
Debt Service Savings Split													-		
PV Site Preperation													-		
Service Charge	-	-	-	-	-	-	-	-	-	-	-	-		DOE TOTAL	$ 46.63
Net Adjusted due Los Alamos	1,971,212	1,973,341	1,927,836	1,809,169	1,933,223	1,953,958	1,956,557	1,507,012	1,281,714	1,134,244	1,053,952	1,563,036	20,065,253		

Avg Approved Resource Cost	$ 34.59
Avg Purchase Power Cost	$ 35.00
County Load	18.18%
Credit to County for Approved Resource Usage	$ 433,501.92