

Department of Energy / Los Alamos County Resource Pool
Including Solar Resource
Fiscal Year 2018
Budget

	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Total	Total MWh	Cost per MWh
Los Alamos County Resources															
Generation															
San Juan Demand Charge	254,878	254,878	254,878	254,878	254,878	254,878	254,878	254,878	254,878	254,878	254,878	254,878	3,058,542		
San Juan Energy Charge	711,363	711,363	688,416	711,363	688,416	711,363	711,363	642,522	711,363	298,314	435,997	688,416	7,710,258	272,886	\$ 39.46
El Vado Demand Charge	(36,372)	(36,372)	(36,372)	(36,372)	(36,372)	(36,372)	(36,372)	(36,372)	(36,372)	(36,372)	(36,372)	(36,372)	(436,461)		
El Vado Energy Charge	58,369	58,369	58,369	58,369	58,369	58,369	58,369	58,369	58,369	58,369	58,369	58,369	700,427	28,091	\$ 9.40
Abiquiu Demand Charge	82,873	82,873	82,873	82,873	82,873	82,873	82,873	82,873	82,873	82,873	82,873	82,873	994,480		
Abiquiu Energy Charge	81,740	81,740	81,740	81,740	81,740	81,740	81,740	81,740	81,740	81,740	81,740	81,740	980,881	44,614	\$ 44.28
Laramie River Station Demand	154,550	154,550	154,550	154,550	154,550	154,550	154,550	154,550	154,550	154,550	154,550	154,550	1,854,600		
Laramie River Station Energy	79,162	79,162	76,608	79,162	76,608	79,162	79,162	74,054	79,162	76,608	79,162	76,608	1,000,000	83,448	\$ 34.21
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	-	-	-	-	-	-	-	-	-	-	-	-	-		
CFPP Energy	-	-	-	-	-	-	-	-	-	-	-	-	-		
Renewable Energy Purchases	9,353	9,353	9,353	9,353	9,353	9,353	9,353	9,353	9,353	9,353	9,353	9,353	112,233	4,205	\$ 26.69
Other Purchased Power	614,798	550,220	571,615	599,003	799,370	846,248	326,703	272,828	103,174	285,820	412,671	470,746	5,853,194	183,820	\$ 37.01
Spinning Reserve Purchase	79,167	79,167	79,167	79,167	79,167	79,167	79,167	79,167	79,167	79,167	79,167	79,167	950,000		
Economy Sales	(2,388)	(7,165)	(4,777)	(7,165)	(9,553)	(9,553)	(4,777)	(7,165)	(2,388)	(7,165)	(4,777)	(7,165)	(74,038)	(3,100)	\$ 23.88
Transmission															
Western (LRS)	35,450	35,450	35,450	35,450	35,450	35,450	35,450	35,450	35,450	35,450	35,450	35,450	425,399		
PNM Wheeling	117,083	117,083	117,083	117,083	117,083	117,083	117,083	117,083	117,083	117,083	117,083	117,083	1,405,000		
LASP allocation to batteries	6,235	6,235	6,235	6,235	6,235	6,235	6,235	6,235	6,235	6,235	6,235	6,235	74,822		
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	19,634	19,675	13,686	13,270	1,617	1,455	1,789	1,219	10,513	25,982	36,636	21,745	167,221		
Tri-State	3,770	3,778	2,628	2,548	311	279	344	234	2,019	4,989	7,035	4,175	32,111		
Other Costs															
Norton-STA debt service													-		
Dispatch Center	151,836	151,836	151,836	151,836	151,836	151,836	151,836	151,836	151,836	151,836	151,836	151,836	1,822,030		
Less Kirtland Credit	(64,264)	(65,630)	(56,204)	(43,084)	(40,859)	(41,968)	(45,622)	(45,046)	(45,404)	(42,712)	(43,579)	(45,062)	(579,435)		
Administrative Costs	85,469	85,469	85,469	85,469	85,469	85,469	85,469	85,469	85,469	85,469	85,469	85,469	1,025,633		
Legal Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-		
Summary															
Demand Charges	857,146	855,830	858,116	873,331	861,666	860,363	857,107	857,003	867,724	886,264	898,098	878,863	10,411,512		
Energy Charges	1,603,724	1,534,126	1,532,395	1,584,829	1,757,577	1,831,065	1,315,417	1,184,434	1,093,776	854,271	1,123,653	1,429,165	16,844,431		
Norton-STA Demand	-	-	-	-	-	-	-	-	-	-	-	-	-		
Customer Charges	-	-	-	-	-	-	-	-	-	-	-	-	-		
Los Alamos Resource Total	2,460,870	2,389,955	2,390,512	2,458,159	2,619,242	2,691,428	2,172,524	2,041,438	1,961,500	1,740,536	2,021,751	2,308,029	27,255,943	619,055	\$44.03

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Department of Energy Resources															
Generation															
501 TA-3 Fuel															
503 TA-3 Steam O&M															
505 TA-3 Electric Expense															
513 TA-3 Maint of Electric Plant															
TA-3 Fixed Charges															
Combustion Turbine & EDG	17,754	17,754	17,754	17,754	17,754	17,754	17,754	17,754	17,754	17,754	17,754	17,754	213,047	4,800	\$ 44.38
Western Demand	90,344	90,344	90,344	90,344	102,331	96,338	96,338	96,338	96,338	90,344	90,344	90,344	1,120,092		
Western Energy	77,917	81,415	69,064	69,064	83,882	71,473	89,508	94,196	86,915	86,892	86,872	89,300	986,499	69,979	\$ 30.10
Western Peaking Capacity/TX	19,200	19,200	19,200	19,200	25,290	25,290	25,290	25,290	25,290	25,290	25,290	25,290	279,120		
													2,385,712		
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	23,096	23,096	23,096	23,096	23,096	23,096	23,096	23,096	23,096	23,096	23,096	23,096	277,155		
SVC Transmission Credit	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000	312,000		
													1,612,206		
Other Costs															
Load Dispatching	-	-	-	-	-	-	-	-	-	-	-	-	-		
Special Projects	122,456	122,456	122,456	122,456	122,456	122,456	122,456	122,456	122,456	122,456	122,456	122,456	1,469,472		
Summary															
Demand Charges	361,398	361,971	353,116	353,707	385,361	390,584	377,596	378,187	392,355	366,881	391,084	368,651	4,480,890		
Energy Charges	95,671	99,169	86,818	86,818	101,636	89,227	107,262	111,949	104,669	104,646	104,626	107,054	1,199,546		
Customer Charges															
Department of Energy Total	457,069	461,140	439,935	440,525	486,996	479,811	484,859	490,136	497,024	471,526	495,709	475,705	5,680,436	74,779	75.96

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Resource Cost	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Total	Total MWh	Cost per MWh
Demand															
Los Alamos	857,146	855,830	858,116	873,331	861,666	860,363	857,107	857,003	867,724	886,264	898,098	878,863	10,411,512		
Department of Energy	361,398	361,971	353,116	353,707	385,361	390,584	377,596	378,187	392,355	366,881	391,084	368,651	4,480,890		
Total	1,218,545	1,217,801	1,211,232	1,227,037	1,247,026	1,250,947	1,234,703	1,235,190	1,260,078	1,253,145	1,289,182	1,247,515	14,892,402	36,530,971	\$5.24
Energy															
Los Alamos	1,603,724	1,534,126	1,532,395	1,584,829	1,757,577	1,831,065	1,315,417	1,184,434	1,093,776	854,271	1,123,653	1,429,165	16,844,431		
Department of Energy	95,671	99,169	86,818	86,818	101,636	89,227	107,262	111,949	104,669	104,646	104,626	107,054	1,199,546		
Total	1,699,395	1,633,295	1,619,214	1,671,647	1,859,212	1,920,292	1,422,679	1,296,384	1,198,445	958,917	1,228,278	1,536,219	18,043,978		
Norton-WTA															
Los Alamos	-	-	-	-	-	-	-	-	-	-	-	-	-		
MW Demand															
LAC Actual Demand	17	16	15	13	16	19	18	16	16	14	14	21			
DOE Actual Demand	75	74	73	74	74	72	54	51	54	55	69	75			
Total Actual Demand	92	91	89	87	90	91	72	67	70	68	83	96			
MW Billing Demand															
LAC Billing Demand	17	16	15	13	16	19	18	16	16	14	14	21			
DOE Billing Demand	75	74	73	74	74	72	54	51	54	55	69	75			
Total Billing Demand	92	91	89	87	90	91	72	67	70	68	83	96			
Norton-WTA Demand															
LAC Billing Demand	17	16	15	15	16	19	18	16	16	15	15	21			
DOE Billing Demand	75	74	73	74	74	72	65	65	65	65	69	75			
Total Billing Demand	92	91	89	89	90	91	83	81	81	80	84	96			
Total Resource Cost	2,917,940	2,851,096	2,830,446	2,898,684	3,106,239	3,171,239	2,657,383	2,531,574	2,458,524	2,212,062	2,517,460	2,783,734	32,936,379	668,184	\$ 49.29
Los Alamos Demand %	18.87%	18.16%	17.29%	15.40%	17.72%	21.09%	24.90%	23.41%	22.75%	20.16%	16.90%	21.61%			
Los Alamos Energy %	19.18%	16.60%	16.56%	15.86%	16.39%	18.29%	24.42%	23.52%	21.74%	21.98%	16.82%	17.90%			
Los Alamos Norton-STA %															
Department of Energy Demand %	81.13%	81.84%	82.71%	84.60%	82.28%	78.91%	75.10%	76.59%	77.25%	79.84%	83.10%	78.39%			
Department of Energy Energy %	80.82%	83.40%	83.44%	84.14%	83.61%	81.71%	75.58%	76.48%	78.26%	78.02%	83.18%	82.10%			
DOE Norton-STA %															
Los Alamos Power Cost															
Demand	229,930	221,103	209,416	189,023	220,918	263,793	307,385	289,104	286,694	252,581	217,860	269,575			
Energy	325,973	271,191	268,107	265,201	304,719	351,161	347,352	304,856	260,539	210,781	206,581	275,052			
Norton-STA	-	-	-	-	-	-	-	-	-	-	-	-			
Customer															
Total	555,903	492,294	477,524	454,223	525,637	614,954	654,737	593,960	547,233	463,362	424,442	544,627	6,348,896	125,496	\$ 50.59
Department of Energy Power Cost															
Demand	988,615	996,698	1,001,816	1,038,015	1,026,109	987,154	927,318	946,086	973,384	1,000,564	1,071,321	977,940			
Energy	1,373,422	1,362,104	1,351,107	1,406,446	1,554,494	1,569,131	1,075,327	991,528	937,907	748,135	1,021,697	1,261,167			
Norton-STA	-	-	-	-	-	-	-	-	-	-	-	-			
Customer															
Total	2,362,037	2,358,802	2,352,923	2,444,461	2,580,602	2,556,285	2,002,646	1,937,613	1,911,291	1,748,699	2,093,018	2,239,106	26,587,484	542,688	\$ 48.99
Net Due to Los Alamos	1,904,968	1,897,661	1,912,988	2,003,936	2,093,606	2,076,474	1,517,787	1,447,477	1,414,267	1,277,173	1,597,309	1,763,401	20,907,048		
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 Preparation													-		
Service Charge	-	-	-	-	-	-	-	-	-	-	-	-	-		
DOE TOTAL															\$ 48.95
Net Adjusted due Los Alamos	1,902,922	1,895,615	1,910,942	2,001,890	2,091,560	2,074,428	1,515,741	1,445,431	1,412,221	1,275,127	1,595,263	1,761,355	20,882,496		

ATTACHMENT A