

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

Los Alamos County Resources	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
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	272,886	\$ 39.46
San Juan Energy Charge	711,363	711,363	688,416	711,363	688,416	711,363	711,363	642,522	711,363	299,314	435,997	688,416	7,710,258		
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

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

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

Western Demand

Western Energy

Western Peaking Capacity/TX

Transmission

562/571 115KV O&M

Fixed Charges

SVC Transmission Credit

Other Costs

Load Dispatching
Special Projects

Summary

Demand Charges

Energy Charges

Customer Charges

Department of Energy Total

	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
	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
	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		
	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
	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		
	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		
	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		
	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		
	-	-	-	-	-	-	-	-	-	-	-	-	-		
	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		
	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		
	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		
	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

Department of Energy / Los Alamos County Resource Pool Including Solar Resource Fiscal Year 2018 Budget														
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 MWh	Cost per MWh
Demand														\$5.24
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
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	104,626	107,054	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	48,999
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														
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	
													DOE TOTAL	\$ 48.95