

Department of Energy / Los Alamos County Resource Pool
Including Solar Resource
Fiscal Year 2023
Budget

	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Total	Total MWh	Cost per MWh
Los Alamos County Resources															
Generation															
San Juan Demand Charge	924,302	924,302	924,302										2,772,907		
San Juan Energy Charge	816,741	816,741	790,394	-	-	-	-	-	-	-	-	-	2,423,875	74,719	\$ 69.55
El Vado Demand Charge	16,774	16,774	16,774	16,774	16,774	16,774	16,774	16,774	16,774	16,774	16,774	16,774	201,293		
El Vado Energy Charge	52,475	52,475	52,475	52,475	52,475	52,475	52,475	52,475	52,475	52,475	52,475	52,475	629,697	-	#DIV/0!
Abiquiu Demand Charge	55,795	55,795	55,795	55,795	55,795	55,795	55,795	55,795	55,795	55,795	55,795	55,795	669,544		
Abiquiu Energy Charge	38,867	38,867	38,867	38,867	38,867	38,867	38,867	38,867	38,867	38,867	38,867	38,867	466,408	44,614	\$ 25.46
Laramie River Station Demand	95,009	95,009	95,009	95,009	95,009	95,009	95,009	95,009	95,009	95,009	95,009	95,009	1,140,113		
Laramie River Station Energy	109,117	109,117	105,597	109,117	105,597	109,117	99,197	92,798	99,197	95,998	99,197	95,998	1,230,048	87,643	\$ 27.04
Western Demand	5,766	5,766	5,766	8,568	8,568	8,568	8,568	8,568	8,568	5,766	5,766	5,766	86,007		
Western Energy	5,287	5,020	5,006	7,123	7,419	8,634	7,671	6,827	7,123	5,183	5,080	5,035	75,409	5,092	\$ 31.70
CFPP Deman															
CFPP Energy															#DIV/0!
Renewable Energy Purchases	5,521	5,521	5,342	5,521	5,342	5,521	5,521	4,986	5,521	5,342	5,521	5,342	65,000	2,102	\$ 30.92
Other Purchased Power	-	-	-	1,199,700	1,161,000	1,986,471	1,406,745	1,766,268	1,738,017	1,402,488	1,199,700	1,161,000	13,021,389	201,882	\$ 64.50
Spinning Reserve Purchase	-	-	-	-	-	-	-	-	-	-	-	-	-		
Economy Sales	(827,213)	(793,350)	(565,988)	(749,813)	(551,475)	(24,188)	(4,838)	(9,675)	-	(19,350)	(1,044,900)	(266,063)	(4,856,850)	(100,400)	\$ 48.38
15MW PPA	442,717	442,717	428,436	442,717	428,436	442,717	442,717	399,874	442,717	428,436	442,717	428,436	5,212,638	131,400	\$ 39.67
Transmission															
Western (LRS)	40,656	40,656	40,656	40,656	40,656	40,656	40,656	40,656	40,656	40,656	40,656	40,656	487,877		
PNM Wheeling	256,758	256,758	256,758	256,758	256,758	256,758	256,758	256,758	256,758	256,758	256,758	256,758	3,081,091		
LASP allocation to batteries	-	-	-	-	-	-	-	-	-	-	-	-	-		
OASIS Trans./ Ancil. Services	-	-	-	-	-	-	-	-	-	-	-	-	-		
NORA	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,000		
Jemez	12,362	10,948	8,056	8,906	1,617	1,455	1,789	1,219	6,149	14,721	22,091	13,299	102,612		
Tri-State	2,374	2,103	1,547	1,711	311	279	344	234	1,181	2,827	4,243	2,554	19,707		
Other Costs															
Norton-STA debt service													-		
Dispatch Center	146,268	146,268	146,268	146,268	146,268	146,268	146,268	146,268	146,268	146,268	146,268	146,268	1,755,214		
Less Kirtland Credit	(39,094)	(39,547)	(37,848)	(36,184)	(34,783)	(34,833)	(38,649)	(36,709)	(39,019)	(39,570)	(38,485)	(38,824)	(453,546)		
Administrative Costs	102,822	102,822	102,822	102,822	102,822	102,822	102,822	102,822	102,822	102,822	102,822	102,822	1,233,866		
Legal Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-		
Summary															
Demand Charges	1,550,224	1,548,085	1,546,337	627,514	620,227	619,983	616,565	617,826	621,393	628,258	638,128	627,310	10,261,851		
Energy Charges	716,082	749,678	932,700	1,178,278	1,320,232	2,692,184	2,120,926	2,424,989	2,456,487	2,082,009	871,227	1,593,660	19,138,452		
Norton-STA Demand	-	-	-	-	-	-	-	-	-	-	-	-	-		
Customer Charges															
Los Alamos Resource Total	2,266,306	2,297,763	2,479,037	1,805,792	1,940,459	3,312,168	2,737,491	3,042,815	3,077,880	2,710,267	1,509,355	2,220,970	29,400,302	447,052	\$65.76

Department of Energy / Los Alamos County Resource Pool
Including Solar Resource
Fiscal Year 2023
Budget

	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Total	Total MWh	Cost per MWh
Department of Energy Resources															
Generation															
LANL On-Site Solar	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	#DIV/0!
	-	-	-	-	-	-	-	-	-	-	-	-	-		
Combustion Turbine													-	116,801	\$ -
Western Demand	92,151	92,151	92,151	92,004	92,004	92,004	92,004	92,004	92,004	86,281	86,281	86,281	1,087,322		
Western Energy	74,571	64,943	85,646	84,590	79,340	75,643	73,872	93,564	86,367	75,499	82,084	121,069	997,186	69,979	\$ 29.79
Western Peaking Capacity/TX	23,715	23,715	23,715	25,842	25,842	25,842	25,842	25,842	25,842	25,842	25,842	25,842	303,720		
Transmission															
562/571 115KV O&M	71,041	93,838	73,161	77,933	73,161	67,330	68,390	76,342	93,307	75,812	77,403	91,717	939,436		
Fixed Charges	32,413	32,413	32,413	32,413	32,413	32,413	32,413	32,413	32,413	32,413	32,413	32,413	388,956		
SVC Transmission Credit	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	72,000		
SCADA O&M	48,885	64,572	50,344	53,627	50,344	46,331	47,061	52,533	64,207	52,168	53,263	63,113	646,447		
													2,046,839		
Other Costs															
Load Dispatching	29,062	29,062	29,062	29,062	29,062	29,062	29,062	29,062	29,062	29,062	29,062	29,062	348,739		
TA03 Substation	73,544	73,544	73,544	73,544	73,544	73,544	73,544	73,544	73,544	73,544	73,544	73,544	882,532		
Summary															
Demand Charges	376,811	415,294	380,391	390,425	382,370	372,526	374,316	387,740	416,379	381,122	383,807	407,971	4,669,152		
Energy Charges	74,571	64,943	85,646	84,590	79,340	75,643	73,872	93,564	86,367	75,499	82,084	121,069	997,186		
Customer Charges															
Department of Energy Total	451,382	480,237	466,037	475,015	461,711	448,168	448,188	481,304	502,746	456,620	465,891	529,040	5,666,338	186,780	30.34

Department of Energy / Los Alamos County Resource Pool
Including Solar Resource
Fiscal Year 2023
Budget

Resource Cost

Total Transmission Cost \$5,127,680.29

Demand

Los Alamos	1,550,224	1,548,085	1,546,337	627,514	620,227	619,983	616,565	617,826	621,393	628,258	638,128	627,310	10,261,851
Department of Energy	376,811	415,294	380,391	390,425	382,370	372,526	374,316	387,740	416,379	381,122	383,807	407,971	4,669,152
Total	1,927,035	1,963,380	1,926,728	1,017,939	1,002,597	992,509	990,881	1,005,566	1,037,772	1,009,379	1,021,935	1,035,281	14,931,003

Energy

Los Alamos	716,082	749,678	932,700	1,178,278	1,320,232	2,692,184	2,120,926	2,424,989	2,456,487	2,082,009	871,227	1,593,660	19,138,452
Department of Energy	74,571	64,943	85,646	84,590	79,340	75,643	73,872	93,564	86,367	75,499	82,084	121,069	997,186
Total	790,653	814,620	1,018,346	1,262,867	1,399,573	2,767,827	2,194,798	2,518,553	2,542,854	2,157,508	953,311	1,714,730	20,135,638

Norton-WTA

Los Alamos	-	-	-	-	-	-	-	-	-	-	-	-	-
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MW Demand

LAC Actual Demand	19	19	20	16	17	19	17	21	17	17	17	22	
DOE Actual Demand	81	81	82	82	82	83	63	63	65	65	82	86	
Total Actual Demand	100	101	102	98	99	102	81	85	82	81	98	108	

MW Billing Demand

LAC Billing Demand	19	19	20	16	17	19	17	21	17	17	17	22	
DOE Billing Demand	81	81	82	82	82	83	63	63	65	65	82	86	
Total Billing Demand	100	101	102	98	99	102	81	85	82	81	98	108	

Norton-WTA Demand

LAC Billing Demand	19	19	20	16	17	19	17	21	17	17	17	22	
DOE Billing Demand	81	81	82	82	82	83	65	65	65	65	82	86	
Total Billing Demand	100	101	102	98	99	102	82	86	82	82	98	108	

Total Resource Cost

	2,717,688	2,778,000	2,945,073	2,280,807	2,402,170	3,760,336	3,185,678	3,524,119	3,580,626	3,166,887	1,975,246	2,750,010	35,066,641	614,433	\$	57.07
Los Alamos Demand %	18.83%	18.95%	19.77%	16.48%	17.34%	18.90%	21.42%	25.34%	20.95%	20.47%	16.93%	20.43%				
Los Alamos Energy %	21.52%	21.61%	19.71%	19.48%	20.19%	18.56%	23.55%	20.57%	19.13%	17.99%	19.87%	19.50%				
Los Alamos Norton-STA %																
Department of Energy Demand %	81.17%	81.05%	80.23%	83.52%	82.66%	81.10%	78.58%	74.66%	79.05%	79.53%	83.07%	79.57%				
Department of Energy Energy %	78.48%	78.39%	80.29%	80.52%	79.81%	81.44%	76.45%	79.43%	80.87%	82.01%	80.13%	80.50%				
DOE Norton-STA %																

Los Alamos Power Cost

Demand	362,944	371,984	381,005	167,736	173,832	187,617	212,215	254,844	217,450	206,635	172,986	211,540				
Energy	170,144	176,024	200,747	246,033	282,601	513,806	516,881	518,085	486,362	388,132	189,394	334,342				
Norton-STA	-	-	-	-	-	-	-	-	-	-	-	-				
Customer																
Total	533,088	548,007	581,752	413,770	456,433	701,423	729,096	772,930	703,813	594,767	362,380	545,882	6,943,340	123,551	\$	56.20

Department of Energy Power Cost

Demand	1,564,091	1,591,396	1,545,723	850,203	828,765	804,893	778,666	750,722	820,322	802,744	848,949	823,740				
Energy	620,509	638,597	817,598	1,016,834	1,116,971	2,254,021	1,677,917	2,000,468	2,056,492	1,769,376	763,917	1,380,388				
Norton-STA	-	-	-	-	-	-	-	-	-	-	-	-				
Customer																
Total	2,184,600	2,229,993	2,363,321	1,867,037	1,945,737	3,058,913	2,456,582	2,751,190	2,876,814	2,572,120	1,612,865	2,204,128	28,123,301	490,882	\$	57.29
Net Due to Los Alamos	1,733,218	1,749,756	1,897,285	1,392,022	1,484,026	2,610,745	2,008,395	2,269,886	2,374,068	2,115,500	1,146,975	1,675,089	22,456,963			
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													-			

Service Charge	-	-	-	-	-	-	-	-	-	-	-	-			DOE TOTAL \$	57.24
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Net Adjusted due Los Alamos	1,731,172	1,747,710	1,895,239	1,389,976	1,481,980	2,608,699	2,006,349	2,267,840	2,372,022	2,113,454	1,144,929	1,673,043	22,432,411			
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Department of Energy / Los Alamos County Resource Pool
Including Solar Resource
Fiscal Year 2024
Budget

	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Total	Total MWh	Cost per MWh
Los Alamos County Resources															
Generation															
San Juan Demand Charge													-		
San Juan Energy Charge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	#DIV/0!
El Vado Demand Charge	(1,284)	(1,284)	(1,284)	6,449	6,449	6,449	6,449	6,449	6,449	6,449	6,449	6,449	54,194		
El Vado Energy Charge	87,742	87,742	87,742	87,742	87,742	87,742	87,742	87,742	87,742	87,742	87,742	87,742	1,052,908	-	#DIV/0!
Abiquiu Demand Charge	42,400	42,400	42,400	43,926	43,926	43,926	43,926	43,926	43,926	43,926	43,926	43,926	522,536		
Abiquiu Energy Charge	31,606	31,606	31,606	31,606	31,606	31,606	31,606	31,606	31,606	31,606	31,606	31,606	379,267	44,614	\$ 20.21
Laramie River Station Demand	91,985	91,985	91,985	91,985	91,985	91,985	91,985	91,985	91,985	91,985	91,985	91,985	\$ 1,103,819		
Laramie River Station Energy	97,685	97,685	94,534	97,685	94,534	97,685	107,453	100,521	107,453	103,987	107,453	103,987	1,210,662	87,598	\$ 26.42
Western Demand	5,997	5,997	5,997	8,911	8,911	8,911	8,911	8,911	8,911	5,997	5,997	5,997	89,447		
Western Energy	5,393	5,121	5,106	7,266	7,568	8,807	7,825	6,964	7,266	5,287	5,181	5,136	76,918	5,092	\$ 32.67
CFPP Deman															
CFPP Energy															#DIV/0!
Renewable Energy Purchases	893	893	864	893	864	893	893	806	893	864	893	864	10,512	2,102	\$ 5.00
Other Purchased Power	1,038,624	1,038,624	1,005,120	1,038,624	1,005,120	1,853,330	1,289,569	1,615,116	1,074,473	1,005,120	1,038,624	1,005,120	14,007,464	250,850	\$ 55.84
Spinning Reserve Purchase	-	-	-	-	-	-	-	-	-	-	-	-	-		
Economy Sales	(293,160)	(293,160)	(129,828)	(644,952)	(469,056)	(20,940)	(16,752)	(25,128)	(8,376)	(184,272)	(1,235,460)	(557,004)	(3,878,088)	(92,600)	\$ 41.88
15MW PPA	442,717	442,717	428,436	442,717	428,436	442,717	442,717	399,874	442,717	428,436	442,717	428,436	5,212,638	131,400	\$ 39.67
Transmission															
Western (LRS)	37,989	37,989	37,989	37,989	37,989	37,989	37,989	37,989	37,989	37,989	37,989	37,989	455,866		
PNM Wheeling	269,595	269,595	269,595	269,595	269,595	269,595	269,595	269,595	269,595	269,595	269,595	269,595	3,235,146		
LASP allocation to batteries	-	-	-	-	-	-	-	-	-	-	-	-	-		
OASIS Trans./ Ancil. Services	-	-	-	-	-	-	-	-	-	-	-	-	-		
NORA	-	-	-	-	-	-	-	-	-	-	-	-	-		
Jemez	12,362	10,948	8,056	8,906	1,617	1,455	1,789	1,219	6,149	14,721	22,091	13,299	102,612		
Tri-State	2,374	2,103	1,547	1,711	311	279	344	234	1,181	2,827	4,243	2,554	19,707		
Other Costs															
Norton-STA debt service													-		
Dispatch Center	149,193	149,193	149,193	149,193	149,193	149,193	149,193	149,193	149,193	149,193	149,193	149,193	1,790,318		
Less Kirtland Credit	(39,876)	(40,338)	(38,605)	(36,908)	(35,479)	(35,530)	(39,422)	(37,443)	(39,799)	(40,362)	(39,255)	(39,600)	(462,617)		
Administrative Costs	108,527	108,527	108,527	108,527	108,527	108,527	108,527	108,527	108,527	108,527	108,527	108,527	1,302,319		
Legal Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-		
Summary															
Demand Charges	638,146	635,998	634,284	639,909	632,649	632,405	628,910	630,210	633,731	640,473	650,365	639,540	7,636,619		
Energy Charges	1,452,616	1,452,344	1,564,696	1,111,956	1,237,189	2,552,215	2,001,429	2,267,876	1,794,150	1,529,146	529,132	1,156,263	18,649,011		
Norton-STA Demand	-	-	-	-	-	-	-	-	-	-	-	-	-		
Customer Charges	-	-	-	-	-	-	-	-	-	-	-	-	-		
Los Alamos Resource Total	2,090,762	2,088,342	2,198,979	1,751,865	1,869,839	3,184,620	2,630,339	2,898,086	2,427,881	2,169,618	1,179,497	1,795,802	26,285,630	429,056	\$61.26

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Budget

	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Total	Total MWh	Cost per MWh
Department of Energy Resources															
Generation															
LANL On-Site Solar	80,352	80,352	77,760	80,352	77,760	80,352	80,352	72,576	80,352	77,760	80,352	77,760	946,080		
	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-	-	-	-	-	-	-	-	-	-	-	-	-	21,024	\$ 45.00
	-	-	-	-	-	-	-	-	-	-	-	-	-		
Combustion Turbine													-	116,801	\$ -
Western Demand	93,994	93,994	93,994	93,844	93,844	93,844	93,844	93,844	93,844	88,006	88,006	88,006	1,109,068		
Western Energy	76,062	66,241	87,359	86,282	80,927	77,155	75,349	95,435	88,094	77,008	83,726	123,490	1,017,130	69,979	\$ 30.38
Western Peaking Capacity/TX	24,189	24,189	24,189	26,359	26,359	26,359	26,359	26,359	26,359	26,359	26,359	26,359	309,795		
Transmission															
562/571 115KV O&M	72,462	95,714	74,625	79,492	74,625	68,676	69,758	77,869	95,174	77,328	78,951	93,551	958,224		
Fixed Charges	32,413	32,413	32,413	32,413	32,413	32,413	32,413	32,413	32,413	32,413	32,413	32,413	388,956		
SVC Transmission Credit	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	72,000		
SCADA O&M	49,863	65,863	51,351	54,700	51,351	47,258	48,002	53,584	65,491	53,212	54,328	64,375	659,376		
													2,078,557		
Other Costs															
Load Dispatching	29,062	29,062	29,062	29,062	29,062	29,062	29,062	29,062	29,062	29,062	29,062	29,062	348,739		
TA03 Substation	73,544	73,544	73,544	73,544	73,544	73,544	73,544	73,544	73,544	73,544	73,544	73,544	882,532		
Summary															
Demand Charges	381,527	420,780	385,178	395,413	387,198	377,156	378,982	392,675	421,886	385,924	388,662	413,310	4,728,690		
Energy Charges	156,414	146,593	165,119	166,634	158,687	157,507	155,701	168,011	168,446	154,768	164,078	201,250	1,963,210		
Customer Charges															
Department of Energy Total	537,941	567,374	550,297	562,047	545,885	534,663	534,683	560,686	590,333	540,692	552,740	614,560	6,691,901	207,804	32.20
													2,126,198		

Department of Energy / Los Alamos County Resource Pool Including Solar Resource Fiscal Year 2024 Budget															
Resource Cost	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Total	Total MWh	Cost per MWh
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