

Overview of the Power Pool (ECA) Budget Process

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Loads and Resources
Projected for
LANL, LAC & KAFB/SNL

2

Review Adopted LAC
Budget for Electric
Production & Electric
Distribution

3

Obtain LANL Resource
Cost & Capital Projections

4

Calculate LAC Resource
Cost & Capital Projections

5

Prepare budget based on
Operating Procedures,
ECA & Power Purchase
Arrangements

6

Present 24-Month Budget
to the Power Pool
Operating Committee for
Approval

7

Present 24-Month Budget
to the Board of Public
Utilities for Approval

8

Present 24-Month Budget
to the County Council for
Approval

9

Submit 24-Month Budget
to NNSA Contracting
Officer

Loads & Resources

Energy, MWh	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Totals
Days	31	31	30	31	30	31	31	28	31	30	31	30	365
Laramie	6,547	6,547	6,336	6,547	6,336	6,547	5,952	5,376	5,952	4,320	5,952	5,760	72,173
El Vado	0	0	0	0	0	0	0	0	0	0	0	0	0
Abiquiu	5,059	4,427	3,060	3,162	0	0	0	0	1,897	5,508	8,854	5,508	37,475
Abiquiu LFTG	315	333	443	710	703	633	778	530	776	892	751	274	7,139
Mercuria 40 MW PPA	29,760	29,760	28,800	29,760	28,800	29,760	29,760	26,880	29,760	28,800	29,760	28,800	350,400
LANL CT, 25 MW	14,285	14,285	13,824	14,880	14,400	14,285	11,904	0	0	0	11,904	13,824	123,590
WAPA DOE, Firm	4,963	5,039	4,905	5,079	5,631	5,410	6,183	6,404	6,735	6,316	6,518	6,796	69,979
WAPA LAC, Firm	357	339	338	481	501	583	518	461	481	350	343	340	5,092
WAPA Peaking	0	0	0	0	0	0	0	0	0	0	0	0	0
WAPA WRP and CDP	0	0	0	0	0	11,556	2,568	9,996	3,852	0	0	0	27,972
PV Landfill	149	149	144	149	144	149	149	134	149	144	149	144	1,752
Future Resource (PPA)	0	0	0	0	0	0	0	0	0	0	0	0	0
Economy Purchases	2,100	6,400	6,300	4,100	8,800	0	0	0	1,700	4,000	0	3,500	36,900
Economy Sales	0	0	0	0	0	0	(5,100)	(600)	0	0	(3,800)	0	(9,500)
Load + Losses	49,244	52,966	50,283	49,989	50,857	54,458	40,825	49,168	51,249	50,248	48,428	51,051	598,765
MWh Avail	63,535	67,279	64,150	64,868	65,315	68,923	52,712	49,181	51,302	50,330	60,430	64,946	722,972
MWh Scheduled	49,251	52,994	50,326	49,988	50,915	54,638	40,808	49,181	51,302	50,330	48,526	51,122	599,382
MWh +Excess/-Deficit	7	28	43	(1)	58	180	(17)	13	54	83	98	71	617
DOE Raw Load	50,429	53,415	52,256	52,415	51,872	54,112	38,518	36,564	38,315	38,401	48,465	51,857	566,619
DOE Total	36,144	39,130	38,432	37,535	37,472	39,827	26,614	36,564	38,315	38,401	36,561	38,033	443,029
LAC	11,471	12,084	10,188	10,801	11,703	12,830	12,861	10,978	11,239	10,185	10,266	11,330	135,936
Total Load	47,615	51,214	48,620	48,336	49,175	52,657	39,475	47,542	49,554	48,586	46,827	49,363	578,965
Losses	1,628	1,752	1,663	1,653	1,682	1,801	1,350	1,626	1,695	1,662	1,601	1,688	19,801
DOE %	76%	76%	79%	78%	76%	76%	67%	77%	77%	79%	78%	77%	77%
LAC %	24%	24%	21%	22%	24%	24%	33%	23%	23%	21%	22%	23%	23%
Purchase (MWh)	2,249	6,549	6,444	4,249	8,944	11,705	2,717	10,130	5,701	4,144	149	3,644	66,624
% of Total	5	12	13	8	18	21	7	21	11	8	0	7	11
Capacity, MW	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Totals
LRS Unit-day @100%	62	62	60	62	60	62	62	56	62	45	62	60	
Laramie	11	11	11	11	11	11	10	10	10	8	10	10	
El Vado	0	0	0	0	0	0	0	0	0	0	0	0	
Abiquiu	8	7	5	5	0	0	0	0	3	9	14	9	
Abiquiu LFTG	0	1	1	1	1	1	1	1	1	1	1	0	
Mercuria 40 MW PPA	40	40	40	40	40	40	40	40	40	40	40	40	
LANL CT, 25 MW	24	24	24	25	25	24	20	0	0	0	20	24	
WAPA DOE, Firm	10	10	8	10	10	12	12	11	10	8	8	9	
WAPA LAC, Firm	1	1	1	1	1	1	1	1	1	1	1	1	
WAPA Peaking	0	0	0	0	0	0	0	0	0	0	0	0	
PV Landfill	1	1	1	1	1	1	1	1	1	1	1	1	

Department of Energy / Los Alamos County Resource Pool
Fiscal Year 2025
Budget

	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Total	Total MWh	Cost per MWh
Los Alamos County Resources															
Generation															
El Vado Demand Charge	40,618	40,618	40,618	40,618	40,618	40,618	40,618	40,618	40,618	40,618	40,618	40,618	487,411		
El Vado Energy Charge	73,656	73,656	73,656	73,656	73,656	73,656	73,656	73,656	73,656	73,656	73,656	73,656	883,870	-	\$ -
Abiquiu Demand Charge	98,165	98,165	98,165	98,165	98,165	98,165	98,165	98,165	98,165	98,165	98,165	98,165	1,177,980		
Abiquiu Energy Charge	199,266	199,266	199,266	199,266	199,266	199,266	199,266	199,266	199,266	199,266	199,266	199,266	2,391,190	44,614	\$ 80.00
Laramie River Station Demand	77,559	77,559	77,559	77,559	77,559	77,559	77,559	77,559	77,559	77,559	77,559	77,559	930,713		
Laramie River Station Energy	98,825	98,825	95,637	98,825	95,637	98,825	89,841	81,147	76,799	43,471	73,901	86,943	1,038,676	72,173	\$ 27.29
Western Demand	6,237	6,237	6,237	9,267	9,267	9,267	9,267	9,267	9,267	6,237	6,237	6,237	93,025		
Western Energy	5,501	5,223	5,208	7,411	7,719	8,983	7,981	7,103	7,411	5,393	5,285	5,239	78,456	5,092	\$ 33.68
Other Purchased Power	147,000	448,000	441,000	287,000	616,000	808,920	179,760	699,720	388,640	280,000	-	245,000	4,541,040	64,872	\$ 70.00
Economy Sales							(326,700)				(248,292)		(574,992)	(8,800)	\$ 65.34
Mercuria 40 MW \$76.75	2,284,080	2,284,080	2,210,400	2,284,080	2,210,400	2,284,080	2,284,080	2,063,040	2,284,080	2,210,400	2,284,080	2,210,400	26,893,200	350,400	\$ 76.75
Transmission															
Western (LRS)	49,038	49,038	49,038	49,038	49,038	49,038	49,038	49,038	49,038	49,038	49,038	49,038	588,458		
PNM Wheeling	283,909	283,909	283,909	283,909	283,909	283,909	283,909	283,909	283,909	283,909	283,909	283,909	3,406,903		
NORA	5,037	5,037	5,037	5,037	5,037	5,037	5,037	5,037	5,037	5,037	5,037	5,037	60,441		
Jemez	3,189	5,155	2,983	3,360	6,700	5,242	1,789	1,219	6,798	22,234	26,122	13,473	98,264		
Tri-State	881	1,424	824	928	1,851	1,448	494	337	1,878	6,143	7,217	3,722	27,149		
Other Costs															
Dispatch Center	192,632	192,632	192,632	192,632	192,632	192,632	192,632	192,632	192,632	192,632	192,632	192,632	2,311,586		
Less Kirtland Credit	(45,451)	(45,978)	(44,002)	(42,068)	(40,439)	(40,497)	(44,934)	(42,678)	(45,364)	(46,004)	(44,743)	(45,137)	(527,293)		
Administrative Costs	179,391	179,391	179,391	179,391	179,391	179,391	179,391	179,391	179,391	179,391	179,391	179,391	2,152,695		
Summary															
Demand Charges	752,423	754,405	753,607	759,054	764,947	763,027	754,183	755,712	760,147	776,176	782,400	765,863	9,141,944		
Energy Charges	2,947,110	3,247,832	3,163,949	3,089,020	3,341,460	3,612,512	2,646,666	3,262,714	3,168,635	2,950,968	2,526,678	2,959,286	36,916,830		
Customer Charges															
Los Alamos Resource Total	3,699,532	4,002,237	3,917,556	3,848,074	4,106,407	4,375,539	3,400,849	4,018,425	3,928,782	3,727,144	3,309,078	3,725,148	46,058,774	528,351	\$87.17

Department of Energy / Los Alamos County Resource Pool
Fiscal Year 2025
Budget

Department of Energy Resources	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Total	Total MWh	Cost per MWh
Generation															
Combustion Turbine														123,590	\$ -
Western Demand	90,651	90,651	90,651	90,651	90,651	90,651	90,651	90,651	90,651	90,651	90,651	90,651	1,087,812		
Western Energy	83,099	83,099	83,099	83,099	83,099	83,099	83,099	83,099	83,099	83,099	83,099	83,099	997,188	69,979	\$ 29.79
Western Peaking Capacity/TX	26,250	26,250	26,250	26,250	26,250	26,250	26,250	26,250	26,250	26,250	26,250	26,250	315,000		
Transmission															
562/571 115KV O&M	37,682	51,049	48,658	31,114	39,468	45,230	37,451	39,180	42,061	41,197	52,432	39,468	504,990		
Maintenance Projects	62,500	62,500	62,500	62,500	62,500	62,500	62,500	62,500	62,500	62,500	62,500	62,500	750,000		
SCADA O&M	76,357	103,444	98,599	63,047	79,977	91,652	75,890	79,393	85,231	83,479	106,247	79,977	1,023,295		
Other Costs															
SCADA Backup Control Center	161	161	161	161	161	161	161	161	161	161	161	161	1,930		
SCADA IT Investment	28,901	28,901	28,901	28,901	28,901	28,901	28,901	28,901	28,901	28,901	28,901	28,901	346,810		
Power Grid Infrastructure Project	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		
TA03 Substation	51,529	51,529	51,529	51,529	51,529	51,529	51,529	51,529	51,529	51,529	51,529	51,529	618,343		
Summary															
Demand Charges	406,444	446,898	439,661	386,565	411,849	429,286	405,746	410,977	419,696	417,080	451,083	411,849	5,037,135		
Energy Charges	83,099	83,099	83,099	83,099	83,099	83,099	83,099	83,099	83,099	83,099	83,099	83,099	997,188		
Customer Charges															
Department of Energy Total	489,543	529,997	522,760	469,664	494,948	512,385	488,845	494,076	502,795	500,179	534,182	494,948	6,034,323	193,569	\$ 31.17

Department of Energy / Los Alamos County Resource Pool
Fiscal Year 2025
Budget

Resource Cost	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Total	Total MWh	Cost per MWh
Total Transmission Cost															\$6,459,501
Demand															
Los Alamos	752,423	754,405	753,607	759,054	764,947	763,027	754,183	755,712	760,147	776,176	782,400	765,863	9,141,944		
Department of Energy	406,444	446,898	439,661	386,565	411,849	429,286	405,746	410,977	419,696	417,080	451,083	411,849	5,037,135		
Total	1,158,866	1,201,303	1,193,269	1,145,619	1,176,796	1,192,314	1,159,929	1,166,689	1,179,843	1,193,256	1,233,482	1,177,712	14,179,078		
Energy															
Los Alamos	2,947,110	3,247,832	3,163,949	3,089,020	3,341,460	3,612,512	2,646,666	3,262,714	3,168,635	2,950,968	2,526,678	2,959,286	36,916,830		
Department of Energy	83,099	83,099	83,099	83,099	83,099	83,099	83,099	83,099	83,099	83,099	83,099	83,099	997,188		
Total	3,030,209	3,330,931	3,247,048	3,172,119	3,424,559	3,695,611	2,729,765	3,345,813	3,251,734	3,034,067	2,609,777	3,042,385	37,914,018		
MW Demand															
LAC Actual Demand	20	19	15	17	18	18	19	17	17	15	15	21			
DOE Actual Demand	77	81	81	81	81	82	63	62	60	60	77	82			
Total Actual Demand	97	100	96	97	100	100	82	79	77	75	92	103			
MW Billing Demand															
LAC Billing Demand	20	19	15	17	18	18	19	17	17	15	15	21			
DOE Billing Demand	77	81	81	81	81	82	63	62	60	60	77	82			
Total Billing Demand	97	100	96	97	100	100	82	79	77	75	92	103			
Norton-WTA Demand															
LAC Billing Demand	20	19	15	17	18	18	19	17	17	15	15	21			
DOE Billing Demand	77	81	81	81	81	82	65	65	65	65	77	82			
Total Billing Demand	97	100	96	97	100	100	84	82	82	80	92	103			
Total Resource Cost	4,189,075	4,532,234	4,440,317	4,317,739	4,601,355	4,887,924	3,889,695	4,512,502	4,431,577	4,227,323	3,843,260	4,220,097	52,093,097	702,555	\$ 74.15
Los Alamos Demand %	20.75%	18.96%	15.49%	17.04%	18.48%	17.91%	23.25%	21.23%	21.78%	19.52%	15.96%	20.71%			
Los Alamos Energy %	22.87%	21.47%	20.83%	19.66%	19.30%	17.50%	22.62%	20.91%	18.85%	19.20%	21.31%	21.20%			
Department of Energy Demand %	79.25%	81.04%	84.51%	82.96%	81.52%	82.09%	76.75%	78.77%	78.22%	80.48%	84.14%	79.29%			
Department of Energy Energy %	77.13%	78.53%	79.17%	80.34%	80.70%	82.50%	77.38%	79.09%	81.15%	80.80%	78.69%	78.80%			
Los Alamos Power Cost															
Demand	240,409	227,807	184,893	195,196	217,486	213,587	269,677	247,654	256,994	232,941	195,680	243,949			
Energy	693,068	715,204	676,472	623,495	660,943	646,872	617,451	699,598	612,885	582,632	556,136	645,134			
Customer															
Total	933,478	943,011	861,365	818,691	878,429	860,459	887,128	947,252	869,879	815,573	751,816	889,083	10,456,163	135,938	\$ 76.92
Department of Energy Power Cost															
Demand	918,457	973,496	1,008,376	950,423	959,310	978,727	890,252	919,035	922,849	960,315	1,037,803	933,763			
Energy	2,337,140	2,615,727	2,570,576	2,548,625	2,763,617	3,048,738	2,112,315	2,646,214	2,638,848	2,451,435	2,053,641	2,397,250			
Customer															
Total	3,255,597	3,589,223	3,578,952	3,499,048	3,722,927	4,027,465	3,002,567	3,565,249	3,561,697	3,411,751	3,091,444	3,331,013	41,636,934	566,617	\$ 73.48
Net Due to Los Alamos	2,766,054	3,059,226	3,056,192	3,029,384	3,227,979	3,515,080	2,513,722	3,071,173	3,058,902	2,911,571	2,557,262	2,836,065	35,602,611		
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)		
DOE TOTAL \$														73.44	
Net Adjusted due Los Alamos	2,764,008	3,057,180	3,054,146	3,027,338	3,225,933	3,513,034	2,511,676	3,069,127	3,056,856	2,909,525	2,555,216	2,834,019	35,578,059		

Questions?

