



**PUBLIC VERSION**

November 6, 2023

Ms. Lynn Retz  
Executive Director  
Kansas Corporation Commission  
1500 SW Arrowhead Road  
Topeka, Kansas 66604

Re: Docket No. 13-GIME-256-CPL | 2023 Annual Generation Planning Survey

Dear Ms. Retz:

The Kansas Municipal Energy Agency hereby submits its annual compliance filing, as ordered on October 25, 2012, by the Commission in the above-referenced matter.

Attached are Confidential and Public versions of the KMEA's 2023 Generation Planning Survey. The Confidential version is appropriately designated pursuant to K.S.A. 60-1220a and K.A.R. 82-1-221, as it contains confidential commercial and competitively sensitive information, the disclosure of which will harm KMEA and its Member cities.

Please let me know if you have any questions.

Regards,

*/s/ Terri Pemberton*

Terri Pemberton | General Counsel

Summer Net Capability	Net Capability is the net power output which can be obtained for the summer season with all equipment in service under average conditions of operation and with the equipment in an average state of maintenance.
Winter Net Capability	Net Capability is the net power output which can be obtained for the winter season with all equipment in service under average conditions of operation and with the equipment in an average state of maintenance.
Summer Season	June 1st through September 30th of each year.
Winter Season	December 1st through March 31st of each year.
Accredited Generation Capacity (System Capacity)	the maximum capacity a unit or program can sustain over a specified period modified for seasonal limitations and reduced by the capacity required for station service or auxiliaries.
Electric Plant (Physical)	A facility containing prime movers, electric generators, and auxiliary equipment for converting mechanical, chemical and/or fission energy into electric energy
Generator nameplate capacity (installed)	The maximum rated output of a generator, prime mover, or other electric power production equipment under specific conditions designated by the manufacturer. Installed generator nameplate capacity is commonly expressed in megawatts (MW) and is usually indicated on a nameplate physically attached to the generator.
Peak Demand	The highest demand including a) transmission losses for energy, b) the projected impacts of Non-Controllable and Non-Dispatchable Behind-the Meter Generation, and c) the projected impacts of Non-Controllable and Non-Dispatchable Demand Response Programs measured over a one clock hour period.

Section 7.1.1.5 #4,  
SPP Planning  
Criteria Rev. 2.4  
Section 7.1.1.5 #4,  
SPP Planning  
Criteria Rev. 2.4  
SPP Tariff  
Attachment AA  
SPP Tariff  
Attachment AA  
Section 7.1, SPP  
Planning Criteria  
Rev. 2.4

SPP Glossary

EIA

SPP Tariff  
Attachment AA

	Historical					Forecasted System Generation Needs																
	2018	2019	2020	2021	2022	Projected																
	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042		
<b>1) Firm Wholesale MWh Sales</b>																						
KMEA	1496291	1495979	1496243	1592752	1608880																	
<b>Total Firm Wholesale MWh Sales</b>	<b>1496291</b>	<b>1495979</b>	<b>1496243</b>	<b>1592752</b>	<b>1608880</b>																	
<b>2) Firm Wholesale MWh Purchases</b>																						
GRDA	613368	613368	614880	613368	613368																	
KACY	0	0																				
MKEC	117209	0																				
OPPD	54840	0																				
SPA	17088	22410	17894	15630	17818																	
WAPA	102535	101922	101106	102236	102236																	
KCPL	152351.8	68847.78	51264.54	44895	44895																	
Macquarie		4032	4176	4128	4128																	
Heartland	104728.8	113654.6	127026	0																		
Marshall	28082.72	29336	30744	30660	30660																	
Buckeye		156047.5	171068	170601	170601																	
Nextera			150374	148698	148698																	
Nextera GC				107640	131400																	
Chanute			0	0	0																	
<b>Total Firm Wholesale MWh Purchases</b>	<b>1190203</b>	<b>1109618</b>	<b>1268533</b>	<b>1237856</b>	<b>1263804</b>																	
<b>3) Native Load</b>																						
Total Annual Retail Electricity Sales																						
Plus: Total Firm MWh Sales	1496291	1495979	1496243	1592752	1608880																	
Less: Total Firm MWh Purchases	1190203	1109618	1268533	1237856	1263804																	
<b>Native Load</b>	<b>306088</b>	<b>386361.4</b>	<b>227710.7</b>	<b>354896.3</b>	<b>345076.1</b>																	
<i>system load growth</i>		26.23%	-41.06%	55.85%	-2.77%																	
<b>4) Owned MWh Generation</b>																						
<b>Coal Fired**</b>																						
(Plant/Unit Name)																						
<b>Gas Fired **</b>																						
Dogwood																						
(Dual Fuel fired (coal/gas; oil/gas)**																						
Anthony 1	63.872	21.916	53.313	222.0846	3.6971																	
Anthony 2	14.273	3.315	8.076	8.7647	2.9408																	
Anthony 3	89.975	25.307	38.037	8.0889	4.2207																	
Ashland 1	0	0	0	268.332	23.1893																	
Baldwin 3456	44.4	31.9	34.7	28.8	16.8																	
Baldwin 7	158.6	70.2	65.8	194.7	208.9																	
Baldwin 8	152.2	71.9	50.2	256.3	227.1																	
Beloit 1	2.327	14.985	3.319	1.6198	9.695																	
Beloit 2	2.296	6.283	6.603	3.0759	7.7801																	
Beloit 3	11.696	14.14	14.41	20.7483	15.0766																	
Beloit 4	13.136	33.807	15.468	137.1702	34.5861																	
Beloit 5	0.016	0.044	0.017	0.0588	0																	
Beloit 6	15.131	20.294	18.59	4.3626	39.5687																	
Beloit 7	28.48	36.214	102.008	574.8912	113.1493																	
Burlingame G1245	0	0	0	91.3	22.2																	
Chapman Unit #2	17.73	10.4	17.15	132.8	62.4																	
Garden City Unit 1	2333.208	49.321	684.152	620.6843	1883.498																	
Garden City Unit 2	1467.287	1068.624	252.375	410.3347	1184.921																	
Garden City Unit 3	904.854	99.634	421.387	18.0161	1642.352																	
Gardner 1	18.3	40.8	21.6	15.2	40.5																	
Gardner 2	16.6	34.1	0	0	18.1																	
Garnett #1	2.8	0	3.7	46.5	2.3																	
Garnett #3	0.8	0	3.5	1.5	3.1																	
Garnett 4	0	0	0	0	0																	
Garnett 567	1.3	0	18.2	137.2	8.2																	
Girard 1	49.416	4.851	7.363	4.9	7.7																	

Girard 4	63.094	7.279	6.418	6.6	27.3
Girard 6	0	19.14	12.9	458.4	209
Girard 7	4.792	33.478	15.8	207.6	162.2
HOISING 2	78.85	88.888	29.443	386.8057	31.6193
HOISING 8	53.935	12.595	11.266	0	0
Holton 10	403.766	683.596	1203.567	530.7	244.6
Holton 11	725.651	220.046	141.556	333.3	908.2
Holton 12	1032.519	176.302	208.638	616.2	450
Holton 13	1020.665	966.965	452.406	279.6	334.4
Holton 8	456.278	83.973	177.69	842.1	428.1
Holton 9	155	64.717	491.672	198.2	244.5
Horton 1	17.707	8.879	9.736	6.4	4.3
Horton 2	16.341	9.659	9.732	6.6	3.5
Horton 3	22.658	12.443	9.995	22.1	5
Horton 4	74.863	56.163	14.988	186.8	9.9
Jetmore 8	22.04	170.667	662.716	218.8	109.7
Kiowa 1	0	0	0	47.65	12.98
Lincoln 1	11.033	8.648	12.483	13.5406	10.9815
Lincoln 2	8.422	8.085	7.772	5.2384	3.5924
Lincoln 4	0.331	0.336	1.587	0.0525	0.4056
Lincoln 5	9.977	0.087	0	0	0
Lincoln 7	77.196	21.959	-21.499	45.761	11.4619
Lincoln 8				69.6814	11.8275
Meade 1	4.17	3.758	8.563	18.756	7.3917
Meade 3	4.832	16.353	8.8	86.6953	10.8455
Meade 4	6.517	1.932	0	7.2839	9.3729
Meade 6	11.359	30.696	27.201	32.7072	25.608
Meade 7	29.665	22.12	31.71	100.764	25.1981
Oberlin G1-G4				0	38.0849
Oberlin G5				0	0
Osage City 1	15.156	12.151	10.786	15.6	21
Osage City 2	13.781	11.906	12.365	75.5	22.6
Osage City 3	21.474	13.005	12.8	58.5	36.7
Osage City 4	30.789	16.666	22.427	157.5	45.4
Osage City 5	32.75	15.391	32.544	163.4	43.6
Osage City 6	5.533	6.649	5.9	13.6	9.4
Osage City 7	8.989	9.835	9.7	40.6	14.3
Osage City 8 10	9.933	5.744	0	0	0
Osawatomie 11	0	8.9	2.2	58.5	2.1
Osawatomie 12	0	0	0	45.5	3.8
Osawatomie 13	0	0	0	42.4	3.6
Osawatomie 14	0	0	0	7.9	3.9
Osawatomie 15	0	0	0	8.7	3.4
Osawatomie 16	0	0	0	5.3	3.5
Osawatomie 24	6.9	4.2	14.5	9.9	6.1
Osawatomie 5	21.4	7.6	9.3	4.1	4.9
Osborne 1	5.308	6.928	20.267	101.8579	15.8728
Osborne 6	1.35	1.361	3.057	2.6468	4.6306
Ottawa #3	128.9	196.6	111	153.8	60
Ottawa #4	262.5	252	89	145.9	56.6
Ottawa #5	6750.158	149.5	0	0	0
Ottawa #6	1098.2	733	460.6	1565.2	744.7
Ottawa #7	1030.5	834.6	453.1	1470.3	869.9
Russell 1	700.525	623.246	279.867	298.9763	1304.226
Russell 10	32.906	57.681	0	128.297	15.0954
Russell 11	70.507	19.965	33.499	227.9999	35.1069
Russell 2	513.826	608.892	264.258	281.6869	1227.462
Russell 7	16.401	55.416	6.198	183.7464	4.0866
Russell 8	0	6.123	6.831	2.5008	2.5003
Sharon Springs 1	12.858	30.574	93.595	16.3429	10.1255
Sharon Springs 2	5.838	16.936	6.829	22.7939	7.4784
Sharon Springs 3	3.181	7.596	22.687	0.8295	0.5374
Sharon Springs 4	4.231	11.024	11.343	6.7951	1.2188
Sterling 1 2 4	21.927	0	4.741	50.446	7.61
Sterling 3	20.686	0	8	83.6	13.1
Sterling 5	11.3	0	4.144	72.846	9.492
Sterling 6	10.992	0	7.344	57.043	12.946
Sterling 7	11.166	0	3.149	59.442	3.5
Stockton 1	3.193	1.443	43.562	71.39	13.1564
Stockton 2	12.99	8.25	39.862	13.5604	4.9984
Stockton 3	3.462	8.717	3.519	3.649	12.807
Stockton 5	14.165	9.771	56.409	82.8996	15.0603

Stockton 6					6.5861
Wamego 1	42.585	18.6	51.8	36.8	36.5
Wamego 2	11.462	8.2	10.5	10.7	5.3
Wamego 3	10.9	12.2	9	9.5	3.5
Wamego 4	8.956	6.38	5.5	3.7	2.9
Wamego 5	35.355	33	63.9	40.5	54.5
Wamego 6	11.271	18.46	18.3	57.7	12.3
Wamego 7	10.168	6.5	15.5	99.9	8.4
Wamego 8	10.696	8.7	-26.1	40.5	11.9
Wamego 9	114.379	210.86	109.71	311.8	56.6
Washington	20.612	19.068	16.635	59.6029	29.9256
Washington 4	2.979	8.951	4.086	3.1293	3.3374
Washington 6	25.564	12.261	12.764	45.6976	17.8107
Washington 7	2.81	3.814	2.367	0.023	0

Wind**					
(Plant/Unit Name)					
Solar**					
Baldwin City Solar		409.2	1520.1	1401.5	1598.7
Beloit Solar					2688.95
Hydro**					
(Plant/Unit Name)					
BioMass**					
(Plant/Unit Name)					
Other**					
(Plant/Unit Name)					
<b>Total Annual MWh Generation from Owned Assests</b>	<b>20941.87</b>	<b>8914.663</b>	<b>9354.553</b>	<b>15868.37</b>	<b>18135.76</b>

\* Placing your utility name here will copy to all tabs

\*\* insert lines below this row as needed

Verify column totals are totalled correctly and the information reported in **Tot Sys Cap** is correct

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	Utility/Company Name*																							
	Historical					Forecasted System Capacity Responsibility																		
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Projected									
<b>1) System Peak:</b>																								
Total Kansas Retail System Peak																								
Plus: Wholesale Contracts																								
<b>KMEA</b>	397.29	385.4	353.5106	377.0113	400.938																			
<b>Total System Peak</b>	<b>397.29</b>	<b>385.4</b>	<b>353.5106</b>	<b>377.0113</b>	<b>400.938</b>																			
system peak load growth	#REF!	-2.99%	-8.27%	6.65%	6.35%																			
<b>2) Interruptibles</b>																								
Total Interruptible Load	0	0	0	0	0																			
<b>3) System Capacity Responsibility</b>																								
Winter Peak (12/1 through 3/31)	224.285	227.723	219.4991	236.7237	243.331																			
Summer Peak (6/1 through 9/30)	397.29	385.4	353.5106	377.0113	400.938																			
<b>Total System Peak</b>	<b>397.29</b>	<b>385.4</b>	<b>353.5106</b>	<b>377.0113</b>	<b>400.938</b>																			
Less: Total Interruptible Load	0	0	0	0	0																			
<b>Total Load Obligation</b>	<b>397.29</b>	<b>385.4</b>	<b>353.5106</b>	<b>377.0113</b>	<b>400.938</b>																			
Plus: SPP Reserve Margin***	47.6748	46.248	42.42127	45.24136	48.11256																			
<b>Total System Capacity Responsibility</b>	<b>444.965</b>	<b>431.648</b>	<b>395.9319</b>	<b>422.2527</b>	<b>449.0506</b>																			

\*\* insert lines below this row as needed.

\*\*\*The formula for the SPP Required 15% Reserve Margin has been updated to comply with the latest SPP requirements. The updated formula is (Capacity-Peak Demand/PEAK DEMAND = 0.15..

Verify column totals are totalled correctly and the information reported in **Tot Sys Cap** is correct





Holton Unit #7	1.3	1.3	1.3	1.3	1.3
Holton Unit #8	1.3	1.3	1.3	1.3	1.3
Holton Unit #9	0.632	0.632	0.632	0.632	0.632
Horton Unit #1	0.632	0.632	0.632	0.632	0.632
Horton Unit #2	0.988	0.988	0.988	0.988	0.988
Horton Unit #3	1.1	1.1	1.1	1.1	1.1
Horton Unit #4	1.635	1.635	1.635	1.635	1.635
Jetmore Unit 1	2.75	2.75	2.75	2.75	2.75
Kiowa Unit 1	2	2	2	2	2
Kiowa Unit 2	2	2	2	2	2
Lincoln #1	1	1	1	1	1
Lincoln #2	0.85	0.85	0.85	0.85	0.85
Lincoln #4	0.5	0.5	0.5	0.5	0.5
Lincoln #5	0.8	0.8	0.8	0.8	0.8
Lincoln #6	1.5	1.5	1.5	1.5	1.5
Lincoln #7	2	2	2	2	2
Meade Unit 1	0.7	0.7	0.7	0.7	0.7
Meade Unit 2	0.9	0.9	0.9	0.9	0.9
Meade Unit 3	1	1	1	1	1
Meade Unit 4	1.6	1.6	1.6	1.6	1.6
Meade Unit 5	1.7	1.7	1.7	1.7	1.7
Osa #11-16	12	12	12	12	12
Osa #2	2.25	2.25	2.25	2.25	2.25
Osa #5	3.1	3.1	3.1	3.1	3.1
Osage City Unit #1	1.62	1.62	1.62	1.62	1.62
Osage City Unit #10	1.5	1.5	1.5	1.5	1.5
Osage City Unit #2	1.635	1.635	1.635	1.635	1.635
Osage City Unit #3	1.335	1.335	1.335	1.335	1.335
Osage City Unit #4	2.4	2.4	2.4	2.4	2.4
Osage City Unit #5	0.897	0.897	0.897	0.897	0.897
Osage City Unit #6	2.5	2.5	2.5	2.5	2.5
Osage City Unit #7	0.897	0.897	0.897	0.897	0.897
Osage City Unit #8	1.2	1.2	1.2	1.2	1.2
Osborne #1	1.5	1.5	1.5	1.5	1.5
Osborne #2	1.4	1.4	1.4	1.4	1.4
Osborne #3	0.7	0.7	0.7	0.7	0.7
Osborne #4	0.4	0.4	0.4	0.4	0.4
Osborne #5	0.4	0.4	0.4	0.4	0.4
Osborne #6	0.6	0.6	0.6	0.6	0.6
Ottawa #3	3.75	3.75	3.75	3.75	3.75
Ottawa #4	3.5	3.5	3.5	3.5	3.5
Ottawa #5	11.5	0	0	0	0
Ottawa #6	6	6	6	6	6
Ottawa #7	6	6	6	6	6
Russell #1	5.96	5.96	5.96	5.96	5.96
Russell #10	3.166	3.166	3.166	3.166	3.166
Russell #11	3.166	3.166	3.166	3.166	3.166
Russell #2	5.96	5.96	5.96	5.96	5.96
Russell #7	3.175	3.175	3.175	3.175	3.175
Russell #8	2.65	2.65	2.65	2.65	2.65
Russell #9	2.65	2.65	2.65	2.65	2.65
Sterling Unit #1	0.3	0.3	0.3	0.3	0.3
Sterling Unit #2	0.85	0.85	0.85	0.85	0.85
Sterling Unit #3	1.25	1.25	1.25	1.25	1.25
Sterling Unit #4	1.25	1.25	1.25	1.25	1.25
Sterling Unit #5	1.25	1.25	1.25	1.25	1.25
Sterling Unit #6	1.14	1.14	1.14	1.14	1.14
Sterling Unit #7	1.14	1.14	1.14	1.14	1.14

Stockton #1	0.93	0.93	0.93	0.93	0.93
Stockton #2	0.92	0.92	0.92	0.92	0.92
Stockton #3	1.762	1.762	1.762	1.762	1.762
Stockton #4	0.45	0.45	0.45	0.45	0.45
Stockton #5	1.062	1.062	1.062	1.062	1.062
Stockton #6			3	3	3
Wamego Unit #1	0.9	0.9	0.9	0.9	0.9
Wamego Unit #2	0.9	0.9	0.9	0.9	0.9
Wamego Unit #3	1.825	1.825	1.825	1.825	1.825
Wamego Unit #4	1.825	1.825	1.825	1.825	1.825
Wamego Unit #5	1	1	1	1	1
Wamego Unit #6	0.8	0.8	0.8	0.8	0.8
Wamego Unit #7	1.1	1.1	1.1	1.1	1.1
Wamego Unit #8	2.5	2.5	2.5	2.5	2.5
Wamego Unit #9	2.75	2.75	2.75	2.75	2.75
Washington #1	1.121	1.121	1.121	1.121	1.121
Washington #2	1	1	1	1	1
Washington #3	0.81	0.81	0.81	0.81	0.81
Washington #4	2.403	2.403	2.403	2.403	2.403
Washington #5	0.632	0.632	0.632	0.632	0.632
Washington #6	1.402	1.402	1.402	1.402	1.402
Washington #7	1.001	1.001	1.001	1.001	1.001

<b>Total Accredited Generation</b>	<b>364.818</b>	<b>357.16</b>	<b>360.16</b>	<b>360.16</b>	<b>360.16</b>
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**2) Summer Net Capability**

Anthony Unit 1	4.215	4.215	4.215	4.215	4.215
Anthony Unit 2	3.85	3.85	3.85	3.85	3.85
Anthony Unit 3	2.73	2.73	2.73	2.73	2.73
Ashland #1	0.6	0.6	0.6	0.6	0.6
Ashland #2	0.8	0.8	0.8	0.8	0.8
Ashland #3	1.1	1.1	1.1	1.1	1.1
Ashland #4	1.1	1.1	1.1	1.1	1.1
Ashland #5	0.6	0.6	0.6	0.6	0.6
Baldwin #3	0.8	0.8	0.8	0.8	0.8
Baldwin #4	1.8	1.8	1.8	1.8	1.8
Baldwin #5	0.95	0.95	0.95	0.95	0.95
Baldwin #6	0.95	0.95	0.95	0.95	0.95
Baldwin #7	3	3	3	3	3
Baldwin #8	3	3	3	3	3
Beloit #1	1.03	1.03	1.03	1.03	1.03
Beloit #2	1	1	1	1	1
Beloit #3	1.9	1.9	1.9	1.9	1.9
Beloit #4	2.799	2.799	2.799	2.799	2.799
Beloit #5	0.7	0.7	0.7	0.7	0.7
Beloit #6	3.5	3.5	3.5	3.5	3.5
Beloit #7	5.471	5.471	5.471	5.471	5.471
Burlingame Unit #1	1.2	1.2	1.2	1.2	1.2
Burlingame Unit #3	0.9	0.9	0.9	0.9	0.9
Burlingame Unit #4	1.2	1.2	1.2	1.2	1.2
Burlingame Unit #5	0.9	0.9	0.9	0.9	0.9
Chapman Unit #1	2.8	2.8	2.8	2.8	2.8

Chapman Unit #2	2	2	2	2	2
Dogwood	62	65.842	65.842	65.842	65.842
Garden City Unit 1	9.2	9.2	9.2	9.2	9.2
Garden City Unit 2	9.2	9.2	9.2	9.2	9.2
Garden City Unit 3	9.2	9.2	9.2	9.2	9.2
Gardner #1	13	13	13	13	13
Gardner #2	14	14	14	14	14
Garnett #1	1.2	1.2	1.2	1.2	1.2
Garnett #3	1.2	1.2	1.2	1.2	1.2
Garnett #4	0.8	0.8	0.8	0.8	0.8
Garnett #5	2	2	2	2	2
Garnett #6	2.3	2.3	2.3	2.3	2.3
Garnett #7	2.3	2.3	2.3	2.3	2.3
Girard Unit #1	2.2	2.2	2.2	2.2	2.2
Girard Unit #4	1.8	1.8	1.8	1.8	1.8
Girard Unit #6	1.8	1.8	1.8	1.8	1.8
Girard Unit #7	3.375	3.375	3.375	3.375	3.375
Hoisington #2	1.127	1.127	1.127	1.127	1.127
Hoisington #6	2	2	2	2	2
Hoisington #7	3.75	3.75	3.75	3.75	3.75
Hoisington #8	7	7	7	7	7
Holton Unit #10	3.8	3.8	3.8	3.8	3.8
Holton Unit #11	1.8	1.8	1.8	1.8	1.8
Holton Unit #12	1.3	1.3	1.3	1.3	1.3
Holton Unit #13	1.3	1.3	1.3	1.3	1.3
Holton Unit #6	1.3	1.3	1.3	1.3	1.3
Holton Unit #7	1.3	1.3	1.3	1.3	1.3
Holton Unit #8	1.3	1.3	1.3	1.3	1.3
Holton Unit #9	0.632	0.632	0.632	0.632	0.632
Horton Unit #1	0.632	0.632	0.632	0.632	0.632
Horton Unit #2	0.988	0.988	0.988	0.988	0.988
Horton Unit #3	1.1	1.1	1.1	1.1	1.1
Horton Unit #4	1.635	1.635	1.635	1.635	1.635
Jetmore Unit 1	2.75	2.75	2.75	2.75	2.75
Kiowa Unit 1	2	2	2	2	2
Kiowa Unit 2	2	2	2	2	2
Lincoln #1	1	1	1	1	1
Lincoln #2	0.85	0.85	0.85	0.85	0.85
Lincoln #4	0.5	0.5	0.5	0.5	0.5
Lincoln #5	0.8	0.8	0.8	0.8	0.8
Lincoln #6	1.5	1.5	1.5	1.5	1.5
Lincoln #7	2	2	2	2	2
Meade Unit 1	0.7	0.7	0.7	0.7	0.7
Meade Unit 2	0.9	0.9	0.9	0.9	0.9
Meade Unit 3	1	1	1	1	1
Meade Unit 4	1.6	1.6	1.6	1.6	1.6
Meade Unit 5	1.7	1.7	1.7	1.7	1.7
Osa #11-16	12	12	12	12	12
Osa #2	2.25	2.25	2.25	2.25	2.25
Osa #5	3.1	3.1	3.1	3.1	3.1
Osage City Unit #1	1.62	1.62	1.62	1.62	1.62
Osage City Unit #10	1.5	1.5	1.5	1.5	1.5
Osage City Unit #2	1.635	1.635	1.635	1.635	1.635
Osage City Unit #3	1.335	1.335	1.335	1.335	1.335
Osage City Unit #4	2.4	2.4	2.4	2.4	2.4
Osage City Unit #5	0.897	0.897	0.897	0.897	0.897
Osage City Unit #6	2.5	2.5	2.5	2.5	2.5
Osage City Unit #7	0.897	0.897	0.897	0.897	0.897

Osage City Unit #8	1.2	1.2	1.2	1.2	1.2
Osborne #1	1.5	1.5	1.5	1.5	1.5
Osborne #2	1.4	1.4	1.4	1.4	1.4
Osborne #3	0.7	0.7	0.7	0.7	0.7
Osborne #4	0.4	0.4	0.4	0.4	0.4
Osborne #5	0.4	0.4	0.4	0.4	0.4
Osborne #6	0.6	0.6	0.6	0.6	0.6
Ottawa #3	3.75	3.75	3.75	3.75	3.75
Ottawa #4	3.5	3.5	3.5	3.5	3.5
Ottawa #5	11.5	0	0	0	0
Ottawa #6	6	6	6	6	6
Ottawa #7	6	6	6	6	6
Russell #1	5.96	5.96	5.96	5.96	5.96
Russell #10	3.166	3.166	3.166	3.166	3.166
Russell #11	3.166	3.166	3.166	3.166	3.166
Russell #2	5.96	5.96	5.96	5.96	5.96
Russell #7	3.175	3.175	3.175	3.175	3.175
Russell #8	2.65	2.65	2.65	2.65	2.65
Russell #9	2.65	2.65	2.65	2.65	2.65
Sterling Unit #1	0.3	0.3	0.3	0.3	0.3
Sterling Unit #2	0.85	0.85	0.85	0.85	0.85
Sterling Unit #3	1.25	1.25	1.25	1.25	1.25
Sterling Unit #4	1.25	1.25	1.25	1.25	1.25
Sterling Unit #5	1.25	1.25	1.25	1.25	1.25
Sterling Unit #6	1.14	1.14	1.14	1.14	1.14
Sterling Unit #7	1.14	1.14	1.14	1.14	1.14
Stockton #1	0.93	0.93	0.93	0.93	0.93
Stockton #2	0.92	0.92	0.92	0.92	0.92
Stockton #3	1.762	1.762	1.762	1.762	1.762
Stockton #4	0.45	0.45	0.45	0.45	0.45
Stockton #5	1.062	1.062	1.062	1.062	1.062
Stockton #6			3	3	3
Wamego Unit #1	0.9	0.9	0.9	0.9	0.9
Wamego Unit #2	0.9	0.9	0.9	0.9	0.9
Wamego Unit #3	1.825	1.825	1.825	1.825	1.825
Wamego Unit #4	1.825	1.825	1.825	1.825	1.825
Wamego Unit #5	1	1	1	1	1
Wamego Unit #6	0.8	0.8	0.8	0.8	0.8
Wamego Unit #7	1.1	1.1	1.1	1.1	1.1
Wamego Unit #8	2.5	2.5	2.5	2.5	2.5
Wamego Unit #9	2.75	2.75	2.75	2.75	2.75
Washington #1	1.121	1.121	1.121	1.121	1.121
Washington #2	1	1	1	1	1
Washington #3	0.81	0.81	0.81	0.81	0.81
Washington #4	2.403	2.403	2.403	2.403	2.403
Washington #5	0.632	0.632	0.632	0.632	0.632
Washington #6	1.402	1.402	1.402	1.402	1.402
Washington #7	1.001	1.001	1.001	1.001	1.001

<b>Total Summer Net Capability</b>	<b>364.818</b>	<b>357.16</b>	<b>360.16</b>	<b>360.16</b>	<b>360.16</b>
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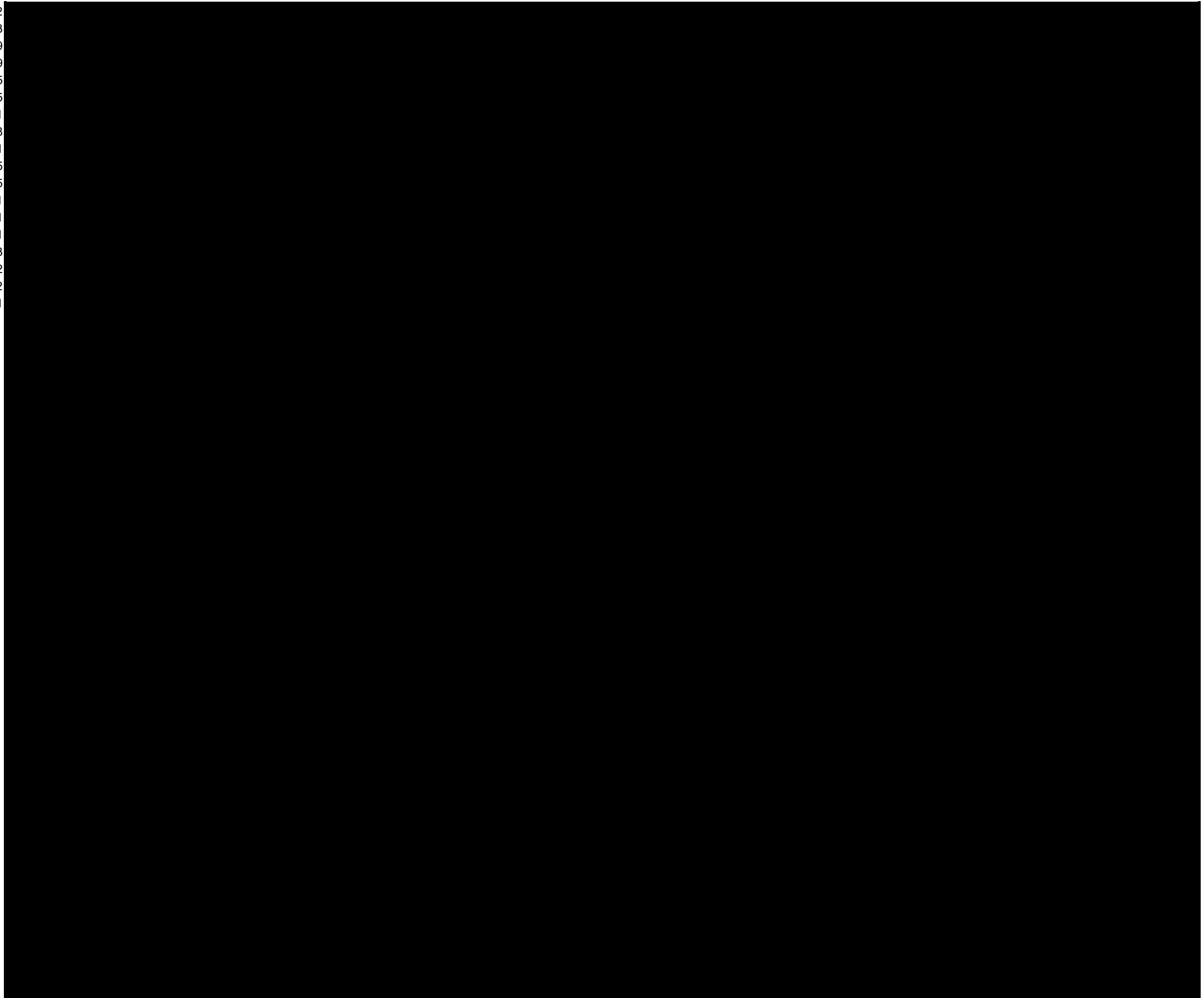
**3) Winter Net Capability**

(Unit/Project Name)**					
Anthony Unit 1	4.215	4.215	4.215	4.215	4.215
Anthony Unit 2	3.85	3.85	3.85	3.85	3.85
Anthony Unit 3	2.73	2.73	2.73	2.73	2.73
Ashland #1	0.6	0.6	0.6	0.6	0.6
Ashland #2	0.8	0.8	0.8	0.8	0.8
Ashland #3	1.1	1.1	1.1	1.1	1.1
Ashland #4	1.1	1.1	1.1	1.1	1.1
Ashland #5	0.6	0.6	0.6	0.6	0.6
Baldwin #3	0.8	0.8	0.8	0.8	0.8
Baldwin #4	1.8	1.8	1.8	1.8	1.8
Baldwin #5	0.95	0.95	0.95	0.95	0.95
Baldwin #6	0.95	0.95	0.95	0.95	0.95
Baldwin #7	3	3	3	3	3
Baldwin #8	3	3	3	3	3
Beloit #1	1.03	1.03	1.03	1.03	1.03
Beloit #2	1	1	1	1	1
Beloit #3	1.9	1.9	1.9	1.9	1.9
Beloit #4	2.799	2.799	2.799	2.799	2.799
Beloit #5	0.7	0.7	0.7	0.7	0.7
Beloit #6	3.5	3.5	3.5	3.5	3.5
Beloit #7	5.471	5.471	5.471	5.471	5.471
Burlingame Unit #1	1.2	1.2	1.2	1.2	1.2
Burlingame Unit #3	0.9	0.9	0.9	0.9	0.9
Burlingame Unit #4	1.2	1.2	1.2	1.2	1.2
Burlingame Unit #5	0.9	0.9	0.9	0.9	0.9
Chapman Unit #1	2.8	2.8	2.8	2.8	2.8
Chapman Unit #2	2	2	2	2	2
Dogwood	62	65.842	65.842	65.842	65.842
Garden City Unit 1	9.2	9.2	9.2	9.2	9.2
Garden City Unit 2	9.2	9.2	9.2	9.2	9.2
Garden City Unit 3	9.2	9.2	9.2	9.2	9.2
Gardner #1	13	13	13	13	13
Gardner #2	14	14	14	14	14
Garnett #1	1.2	1.2	1.2	1.2	1.2
Garnett #3	1.2	1.2	1.2	1.2	1.2
Garnett #4	0.8	0.8	0.8	0.8	0.8
Garnett #5	2	2	2	2	2
Garnett #6	2.3	2.3	2.3	2.3	2.3
Garnett #7	2.3	2.3	2.3	2.3	2.3
Girard Unit #1	2.2	2.2	2.2	2.2	2.2
Girard Unit #4	1.8	1.8	1.8	1.8	1.8
Girard Unit #6	1.8	1.8	1.8	1.8	1.8
Girard Unit #7	3.375	3.375	3.375	3.375	3.375
Hoisington #2	1.127	1.127	1.127	1.127	1.127
Hoisington #6	2	2	2	2	2
Hoisington #7	3.75	3.75	3.75	3.75	3.75
Hoisington #8	7	7	7	7	7
Holton Unit #10	3.8	3.8	3.8	3.8	3.8
Holton Unit #11	1.8	1.8	1.8	1.8	1.8
Holton Unit #12	1.3	1.3	1.3	1.3	1.3
Holton Unit #13	1.3	1.3	1.3	1.3	1.3
Holton Unit #6	1.3	1.3	1.3	1.3	1.3
Holton Unit #7	1.3	1.3	1.3	1.3	1.3
Holton Unit #8	1.3	1.3	1.3	1.3	1.3
Holton Unit #9	0.632	0.632	0.632	0.632	0.632
Horton Unit #1	0.632	0.632	0.632	0.632	0.632



Horton Unit #2	0.988	0.988	0.988	0.988	0.988
Horton Unit #3	1.1	1.1	1.1	1.1	1.1
Horton Unit #4	1.635	1.635	1.635	1.635	1.635
Jetmore Unit 1	2.75	2.75	2.75	2.75	2.75
Kiowa Unit 1	2	2	2	2	2
Kiowa Unit 2	2	2	2	2	2
Lincoln #1	1	1	1	1	1
Lincoln #2	0.85	0.85	0.85	0.85	0.85
Lincoln #4	0.5	0.5	0.5	0.5	0.5
Lincoln #5	0.8	0.8	0.8	0.8	0.8
Lincoln #6	1.5	1.5	1.5	1.5	1.5
Lincoln #7	2	2	2	2	2
Meade Unit 1	0.7	0.7	0.7	0.7	0.7
Meade Unit 2	0.9	0.9	0.9	0.9	0.9
Meade Unit 3	1	1	1	1	1
Meade Unit 4	1.6	1.6	1.6	1.6	1.6
Meade Unit 5	1.7	1.7	1.7	1.7	1.7
Osa #11-16	12	12	12	12	12
Osa #2	2.25	2.25	2.25	2.25	2.25
Osa #5	3.1	3.1	3.1	3.1	3.1
Osage City Unit #1	1.62	1.62	1.62	1.62	1.62
Osage City Unit #10	1.5	1.5	1.5	1.5	1.5
Osage City Unit #2	1.635	1.635	1.635	1.635	1.635
Osage City Unit #3	1.335	1.335	1.335	1.335	1.335
Osage City Unit #4	2.4	2.4	2.4	2.4	2.4
Osage City Unit #5	0.897	0.897	0.897	0.897	0.897
Osage City Unit #6	2.5	2.5	2.5	2.5	2.5
Osage City Unit #7	0.897	0.897	0.897	0.897	0.897
Osage City Unit #8	1.2	1.2	1.2	1.2	1.2
Osborne #1	1.5	1.5	1.5	1.5	1.5
Osborne #2	1.4	1.4	1.4	1.4	1.4
Osborne #3	0.7	0.7	0.7	0.7	0.7
Osborne #4	0.4	0.4	0.4	0.4	0.4
Osborne #5	0.4	0.4	0.4	0.4	0.4
Osborne #6	0.6	0.6	0.6	0.6	0.6
Ottawa #3	3.75	3.75	3.75	3.75	3.75
Ottawa #4	3.5	3.5	3.5	3.5	3.5
Ottawa #5	11.5	0	0	0	0
Ottawa #6	6	6	6	6	6
Ottawa #7	6	6	6	6	6
Russell #1	5.96	5.96	5.96	5.96	5.96
Russell #10	3.166	3.166	3.166	3.166	3.166
Russell #11	3.166	3.166	3.166	3.166	3.166
Russell #2	5.96	5.96	5.96	5.96	5.96
Russell #7	3.175	3.175	3.175	3.175	3.175
Russell #8	2.65	2.65	2.65	2.65	2.65
Russell #9	2.65	2.65	2.65	2.65	2.65
Sterling Unit #1	0.3	0.3	0.3	0.3	0.3
Sterling Unit #2	0.85	0.85	0.85	0.85	0.85
Sterling Unit #3	1.25	1.25	1.25	1.25	1.25
Sterling Unit #4	1.25	1.25	1.25	1.25	1.25
Sterling Unit #5	1.25	1.25	1.25	1.25	1.25
Sterling Unit #6	1.14	1.14	1.14	1.14	1.14
Sterling Unit #7	1.14	1.14	1.14	1.14	1.14
Stockton #1	0.93	0.93	0.93	0.93	0.93
Stockton #2	0.92	0.92	0.92	0.92	0.92
Stockton #3	1.762	1.762	1.762	1.762	1.762
Stockton #4	0.45	0.45	0.45	0.45	0.45

Stockton #5	1.062	1.062	1.062	1.062	1.062
Stockton #6			3	3	3
Wamego Unit #1	0.9	0.9	0.9	0.9	0.9
Wamego Unit #2	0.9	0.9	0.9	0.9	0.9
Wamego Unit #3	1.825	1.825	1.825	1.825	1.825
Wamego Unit #4	1.825	1.825	1.825	1.825	1.825
Wamego Unit #5	1	1	1	1	1
Wamego Unit #6	0.8	0.8	0.8	0.8	0.8
Wamego Unit #7	1.1	1.1	1.1	1.1	1.1
Wamego Unit #8	2.5	2.5	2.5	2.5	2.5
Wamego Unit #9	2.75	2.75	2.75	2.75	2.75
Washington #1	1.121	1.121	1.121	1.121	1.121
Washington #2	1	1	1	1	1
Washington #3	0.81	0.81	0.81	0.81	0.81
Washington #4	2.403	2.403	2.403	2.403	2.403
Washington #5	0.632	0.632	0.632	0.632	0.632
Washington #6	1.402	1.402	1.402	1.402	1.402
Washington #7	1.001	1.001	1.001	1.001	1.001



<b>Total Winter Net Capability</b>	<b>364.818</b>	<b>357.16</b>	<b>360.16</b>	<b>360.16</b>	<b>360.16</b>
<b>4) Capacity Additions</b>					
<i>(Unit/Project Name)**</i>					
<b>Total Capacity Additions</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>5) Capacity Purchases:</b>					
GRDA	65.25	65.25	65.25	65.25	65.25
KACY	0	0	0	0	0
MKEC	0	0	0	0	0
OPPD	0	0	0	0	0
SPA	4	4	4	4	4
WAPA	20	20	20	20	20
KCPL	42	15	15	15	15
AECI					
Chanute			15	15	15
<b>Total Capacity Purchases</b>	<b>131.25</b>	<b>104.25</b>	<b>119.25</b>	<b>119.25</b>	<b>119.25</b>
<b>6) Capacity Sales:</b>					
<i>(Company Name)**</i>					
<b>Total Capacity Sales</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>7) System Capacity</b>					
Total Accredited Generation	364.818	357.16	360.16	360.16	360.16
Plus: Capacity Additions	0	0	0	0	0
<b>Total Accredited Generation</b>	<b>364.818</b>	<b>357.16</b>	<b>360.16</b>	<b>360.16</b>	<b>360.16</b>
Plus: Capacity Purchases	131.25	104.25	119.25	119.25	119.25





Less: Capacity Sales

**Total System Capacity**

0	0	0	0	0	
<b>496.068</b>	<b>461.41</b>	<b>479.41</b>	<b>479.41</b>	<b>479.41</b>	

\*\* insert lines below this row as needed

Verify column totals are totalled correctly  
and the information reported in **Tot Sys  
Cap** is correct

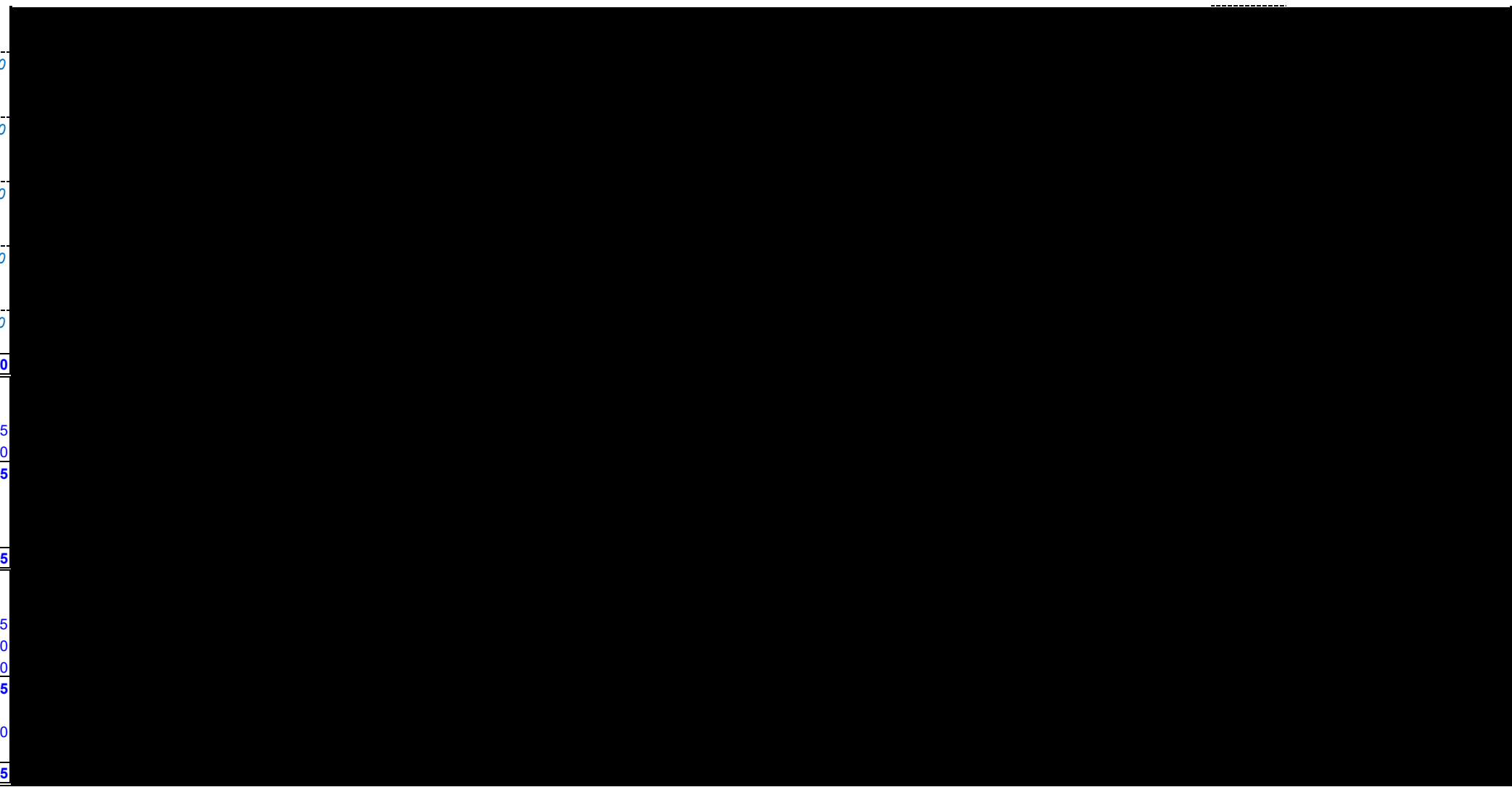


Total Kansas Renewable Capacity	27.35	29.35	29.85	17.85	18.85
<b>4) Existing Out-of-State Renewable Capacity</b>					
Wind** (Plant/Unit Name)					
<i>Subtotal</i>	0	0	0	0	0
Solar** (Plant/Unit Name)					
<i>Subtotal</i>	0	0	0	0	0
Hydro** (Plant/Unit Name)					
<i>Subtotal</i>	0	0	0	0	0
BioMass** (Plant/Unit Name)					
<i>Subtotal</i>	0	0	0	0	0
Other** (Plant/Unit Name)					
<i>Subtotal</i>	0	0	0	0	0
<b>Total Existing Out-of-State Renewable Capacity</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>5) Kansas-based Renewable Capacity Additions</b>					
Wind** (Plant/Unit Name)					
<i>Subtotal</i>	0	0	0	0	0
Solar** (Plant/Unit Name)					
<i>Subtotal</i>	0	0	0	0	0
Hydro** (Plant/Unit Name)					
<i>Subtotal</i>	0	0	0	0	0
BioMass** (Plant/Unit Name)					
<i>Subtotal</i>	0	0	0	0	0
Other** (Plant/Unit Name)					
<i>Subtotal</i>	0	0	0	0	0
<b>Total Kansas-based Renewable Capacity Additions</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>6) Out-of-State Renewable Capacity Additions</b>					
Wind** (Plant/Unit Name)					
<i>Subtotal</i>	0	0	0	0	0
Solar** (Plant/Unit Name)					
<i>Subtotal</i>	0	0	0	0	0
Hydro** (Plant/Unit Name)					
<i>Subtotal</i>	0	0	0	0	0
BioMass** (Plant/Unit Name)					
<i>Subtotal</i>	0	0	0	0	0
Other** (Plant/Unit Name)					
<i>Subtotal</i>	0	0	0	0	0
<b>Total Out-of-State Renewable Capacity Additions</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>7) Renewable Capacity Required for Other Jurisdictions</b>					
(State or Jurisdiction)**					

Wind** (Plant/Unit Name)						
<i>Subtotal</i>	0	0	0	0	0	0
Solar** (Plant/Unit Name)						
<i>Subtotal</i>	0	0	0	0	0	0
Hydro** (Plant/Unit Name)						
<i>Subtotal</i>	0	0	0	0	0	0
BioMass** (Plant/Unit Name)						
<i>Subtotal</i>	0	0	0	0	0	0
Other** (Plant/Unit Name)						
<i>Subtotal</i>	0	0	0	0	0	0
<b>Total Renewable Capacity Required for Other Jurisdictions</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>8) In-State Renewable Capacity</b>						
Total Existing Kansas Renewable Capacity	27.35	29.35	29.85	17.85	18.85	
Plus: Kansas-based Renewable Capacity Additions	0	0	0	0	0	
<b>Total In-state Renewable Capacity</b>	<b>27.35</b>	<b>29.35</b>	<b>29.85</b>	<b>17.85</b>	<b>18.85</b>	
<b>Total In-State Renewable Capacity</b>	<b>27.35</b>	<b>29.35</b>	<b>29.85</b>	<b>17.85</b>	<b>18.85</b>	
<b>9) Renewable Capacity Available</b>						
Total In-state Renewable Capacity	27.35	29.35	29.85	17.85	18.85	
Plus: Existing Out-of-State Renewable Capacity	0	0	0	0	0	
Plus: Out-of-State Renewable Capacity Additions	0	0	0	0	0	
<b>Total Renewable Capacity</b>	<b>27.35</b>	<b>29.35</b>	<b>29.85</b>	<b>17.85</b>	<b>18.85</b>	
Less: Renewable Capacity Required for Other Jurisdictions	0	0	0	0	0	
<b>Total Renewable Capacity Available</b>	<b>27.35</b>	<b>29.35</b>	<b>29.85</b>	<b>17.85</b>	<b>18.85</b>	

\*\* insert lines below this row as needed

Verify column totals are totalled correctly and the information reported in **Tot Sys Cap** is correct



This tab contains information that has been entered on previous tabs and will be sent to the legislature later this year. Historically, this table has been considered Public Information. Please click on one box below to confirm that the information displayed below in the Table is:

<input checked="" type="checkbox"/> Confidential - Please indicate all information that is considered Confidential and provide justification for the data being designated Confidential.
<input type="checkbox"/> Non Confidential

**Table: Current and Projected Total System Capacity and System Capacity Responsibility for Utilities**

		Kansas Municipal Energy Agency
2022 Historical	Total Summer Net Capability	
	Total Winter Net Capability	
	Total System Capacity (MW)	
	System Peak Responsibility (MW)	
2027 Projected	Total Summer Net Capability	
	Total Winter Net Capability	
	Total System Capacity (MW)	
	System Peak Responsibility (MW)	
2032 Projected	Total Summer Net Capability	
	Total Winter Net Capability	
	Total System Capacity (MW)	
	System Peak Responsibility (MW)	
2037 Projected	Total Summer Net Capability	
	Total Winter Net Capability	
	Total System Capacity (MW)	
	System Peak Responsibility (MW)	
	Total Summer Net Capability	

2042. Projected	Total Winter Net Capability	
	Total System Capacity (MW)	
	System Peak Responsibility (MW)	
	System Capacity Surplus (Deficit)	