



IRP2025 Expansion Plan - ELCC Adjusted Summer

YEAR	LTLF 2024		Planning Reserves		Capacity Required		Existing Capacity		Deficit before Cap Additions		CAPACITY ADDITIONS										Total Effective Additions		Total Capacity		Seasonal Purchases		Planning Reserves (Deficit)/Meet or Exceed (Excl Seas Pur)	
											SCGT		CCGT		Purchased		RICE		SOLAR									
	WIN	SUM	WIN	SUM	WIN	SUM	WIN	SUM	WIN	SUM	WIN	SUM	WIN	SUM	WIN	SUM	WIN	SUM	WIN	SUM	WIN	SUM	WIN	SUM	WIN	SUM		
2025	3,517	2,379	246	166	3,763	2,545	3,727	2,554	36	-10					50					50	-	3,777	2,554			0%	0%	
2026	3,627	2,433	254	170	3,881	2,603	3,727	2,538	154	65					100					150	-	3,877	2,538	70		0%	-3%	
2027	3,677	2,482	257	174	3,934	2,656	3,727	2,571	207	85					50					200	-	3,927	2,571	90		0%	-3%	
2028	3,712	2,504	260	175	3,972	2,679	3,727	2,587	245	92					50					250	-	3,977	2,587	90		0%	-3%	
2029	3,727	2,527	261	177	3,988	2,704	3,939	2,777	49	-74										250	-	4,189	2,777			5%	3%	
2030	3,743	2,541	262	178	4,005	2,719	3,930	2,786	75	-67										250	-	4,180	2,786			4%	2%	
2031	3,760	2,560	263	179	4,023	2,739	4,675	3,434	-652	-695										-	-	4,675	3,434			16%	25%	
2032	3,788	2,584	265	181	4,053	2,765	4,559	3,353	-506	-588										-	-	4,559	3,353			12%	21%	
2033	3,793	2,600	266	182	4,059	2,782	4,559	3,302	-499	-521										-	-	4,559	3,302			12%	19%	
2034	3,811	2,625	267	184	4,078	2,809	4,559	3,229	-481	-420										-	-	4,559	3,229			12%	15%	
2035	3,832	2,649	268	185	4,100	2,834	4,259	3,229	-159	-395										-	-	4,259	3,229			4%	14%	
2036	3,870	2,682	271	188	4,141	2,870	4,259	3,229	-118	-359										-	-	4,259	3,229			3%	13%	
2037	3,882	2,705	272	189	4,154	2,894	4,259	3,229	-104	-334										-	-	4,259	3,229			3%	12%	
2038	3,908	2,736	274	191	4,182	2,927	4,259	3,229	-77	-302										-	-	4,259	3,229			2%	10%	
2039	3,933	2,765	275	194	4,208	2,959	4,259	3,229	-51	-270										-	-	4,259	3,229			1%	9%	

EKPC Resource Planning - November 2024

Summer capacity adjusted for class ELCC ratings and summer load adjusted for PJM load obligation (EKPC LTLF Summer Peak minus 6%)