

RA Criteria used by Reliability Councils

	WECC	MAPP	SPP	ERCOT	MAIN	ECAR	FRCC	SERC	MAAC	NPCC
Regional resource adequacy criteria	Unspecified	LOLE of 1day/10 years	1-in-10 year LOLP	Unspecified	1-in-10 year LOLP	Dependence on Supplemental Capacity Resources (DSCR) index for 1 to 10 days/yr is consistent with an LOLE of 1 day in 10 years	1-in-10 year LOLP	No uniform criterion for entire council	LOLE of 1day/10 years or 0.1 day/yr	LOLE of disconnecting firm load due to resource deficiencies shall be no more than 0.1 day/yr
Resource Adequacy Requirement	Some sub-regions have requirements	15% Planning Reserve Margin (10% for a predominantly hydro sub-region)	12 % Planning Reserve (9 % if member is 75% hydro)	12.5 % Reserve Margin	15-20% Reserve Margin	ECAR uses a criterion of 0.1 day/yr LOLE to assess the adequacy of ECAR capacity margins	15% Reserve Margin	Varies—each member system establish own requirements	Reserve margin of PJM members based on this LOLE criterion	Unspecified
Methodology	Unspecified	The planning reserve margin is derived using an LOLE requirement of 1day/10 years	Reviews LOLE analyses performed by SPP working group	Reserve Margin based in part on a LOLE study	Based on LOLP and LOLE studies	Analyses show 1 to 10 days DSCR was determined to be consistent with an LOLE of 1 day in 10 years in a multi-regional assessment, which includes the transmission import capability	Periodic analyses performed to be sure reserve margin is consistent with 1-in-10 year LOLP	SERC member systems are of the opinion that resource adequacy is a local or state jurisdictional issue	Approval of the required reserve margin is the responsibility of the PJM Board	Based on LOLP and LOLE studies