

2025 Frequency Bias Settings - Eastern Interconnection							Effective: July 9th, 2025		
ID	BIAS TYPE	OVERLAP RECIEVE	OVERLAP PROVIDE	2025 FBS (MW/0.1Hz)	2024 FBS (MW/0.1Hz)	2023 Peak Demand (MW)	2025 L10	2024 L10	OY 2025 BA FRO (MW/0.1Hz)
AECI	Fixed	No	No	-38.6	-43.8	4922	40.1	45.3	-6.9
CHC	Fixed	No	No	-2.6	-1.5	9	10.3	8.5	-0.1
CPLE	Fixed	No	No	-102.6	-118.0	13020	65.4	74.4	-19.4
DUK	Fixed	No	No	-166.1	-190.9	21135	83.2	94.7	-31.4
FMPP	Fixed	No	No	-29.7	-33.2	3898	35.2	39.5	-5.6
FPC	Fixed	No	No	-78.2	-89.0	12460	57.1	64.6	-14.8
FPL	Fixed	No	No	-230.3	-240.8	28765	98.0	106.3	-43.6
GVL	Fixed	No	No	-3.4	-3.5	410	11.9	12.8	-0.6
HST	Fixed	No	No	-0.5	-0.5	125	4.6	4.8	-0.1
IESO	Fixed	No	No	-224.2	-248.4	23713	96.7	108.0	-42.4
ISNE	Fixed	No	No	-168.5	-193.7	24043	83.8	95.4	-31.9
JEA	Fixed	No	No	-16.6	-19.1	2816	26.3	29.9	-3.1
LGEE	Fixed	No	No	-48.1	-57.1	6809	44.8	51.8	-9.1
MHEB	Fixed	No	No	-46.9	-57.5	4858	44.2	52.0	-8.9
MISO	Fixed	No	No	-991.1	-1134.8	119400	203.3	230.8	-187.4
NBSO	Fixed	No	Yes	-24.4	-26.2	3880	31.9	35.1	-4.6
NSPI	Fixed	Yes	No	-16.5	-18.7	2455	26.2	29.6	-2.9
NYIS	Fixed	No	No	-214.1	-244.9	30206	94.5	107.2	-40.5
PJM	Fixed	No	No	-1242.1	-1421.1	147178	227.6	258.3	-234.9
SC	Fixed	No	No	-43.3	-48.0	4940	42.5	47.5	-7.0
SCEG	Fixed	No	No	-36.7	-41.9	4784	39.1	44.4	-6.9
SEC	Fixed	No	No	-12.9	-11.6	494	23.2	23.3	-2.3
SEPA	Fixed	No	No	-1.2	-1.4	0	7.1	8.2	-0.2
SIKE	Fixed	No	No	-1.1	-	0	6.8	-	-0.2
SOCO	Fixed	No	No	-368.0	-417.6	45678	123.9	140.0	-69.6
SPA	Fixed	No	No	-7.6	-10.7	116	17.8	22.4	-0.7
SPC	Fixed	No	No	-39.4	-43.8	3693	40.5	45.3	-7.5
SWPP	Variable	No	No	-267.9	-280.3	63005	105.7	114.7	-85.3
TAL	Fixed	No	No	-4.5	-5.0	616	13.7	15.3	-0.8
TEC	Fixed	No	No	-35.3	-38.3	4669	38.4	42.4	-6.6
TVA	Fixed	No	No	-251.7	-266.6	31931	102.4	111.9	-47.6
Total			Total EI FBS	-4714.1	-5308.0	Total EI IFRO			-922.9

2025 Frequency Bias Settings - Western Interconnection							Effective: July 9th, 2025		
ID	BIAS TYPE	OVERLAP RECIEVE	OVERLAP PROVIDE	2025 FBS (MW/0.1Hz)	2024 FBS (MW/0.1Hz)	2023 Peak Demand (MW)	2025 L10	2024 L10	OY 2025 BA FRO (MW/0.1Hz)
AESO	Fixed	No	No	-159.2	-162.2	11632	67.4	66.9	-103.0
AVA	Fixed	No	No	-51.8	-60.6	2395	38.5	40.9	-15.3
AVRN	Fixed	No	No	-11.7	-7.5	0	18.2	14.4	-5.2
AZPS	Fixed	No	No	-60.6	-62.4	8288	41.6	41.5	-39.2
BANC	Fixed	No	No	-67.1	-52.7	4561	43.8	38.1	-18.7
BCHA	Variable	No	No	-90.0	-102.2	10730	50.7	53.1	-70.3
BNBA	Fixed	No	No	-0.6	-0.9	0	4.1	3.0	-0.4
BPAT	Variable	No	No	-157.9	-157.9	10687	67.1	66.0	-82.0
CFE	Fixed	No	No	-28.9	-30.0	3393	28.7	28.8	-18.7
CHPD	Fixed	No	No	-21.7	-15.9	486	24.9	20.9	-3.7
CISO	Fixed	No	No	-365.3	-375.3	44230	102.1	101.7	-236.2
DEAA	Fixed	No	No	-2.1	-1.8	0	7.7	7.0	-1.4
DOPD	Fixed	No	No	-19.9	-18.9	442	23.8	22.8	-1.6
EPE	Fixed	No	No	-20.1	-13.1	2384	24.0	19.0	-9.0
GCPD	Fixed	No	No	-35.6	-32.6	972	31.9	30.0	-6.6
GRID	Fixed	No	No	-38.8	-28.3	0	33.3	27.9	-9.5
GWA	Fixed	No	No	-1.6	-0.5	0	6.7	3.7	-0.3
IID	Fixed	No	No	-4.3	-4.5	973	11.1	11.1	-2.8
IPCO	Variable	No	No	-36.7	-36.4	4008	32.4	31.7	-20.7
LDWP	Fixed	No	No	-58.7	-58.7	6000	40.9	40.2	-20.2
NEVP	Fixed	No	No	-66.1	-69.0	10146	43.4	43.6	-42.7
NWMT	Fixed	No	No	-20.5	-21.2	1992	24.2	24.2	-13.3
PACE	Fixed	No	No	-110.5	-103.9	9460	56.2	53.5	-62.2
PACW	Fixed	No	No	-31.0	-35.8	4009	29.7	31.4	-20.0
PGE	Fixed	No	No	-38.9	-44.6	4464	33.3	35.1	-25.0
PNM	Fixed	No	No	-28.7	-27.7	2818	28.6	27.6	-16.5
PSCO	Fixed	No	No	-161.0	-97.2	8496	67.8	51.8	-52.4
PSE	Fixed	No	No	-42.0	-40.1	4755	34.6	33.3	-27.1
SCL	Fixed	No	No	-31.0	-28.0	1970	29.7	27.8	-8.7
SRP	Fixed	No	No	-58.2	-53.7	8269	40.8	38.5	-37.7
TEPC	Fixed	No	No	-51.9	-53.6	3423	38.5	38.4	-17.2
TIDC	Fixed	No	No	-11.6	-8.3	658	18.2	15.1	-3.1
TPWR	Fixed	No	No	-9.6	-13.1	920	16.6	19.0	-4.2
WACM	Fixed	No	No	-56.6	-60.0	4790	40.2	40.7	-36.6
WALC	Fixed	No	No	-14.5	-17.7	1482	20.3	22.1	-9.3
WAUW	Fixed	No	No	-2.0	-2.0	160	7.6	7.4	-0.8
WWA	Fixed	No	No	-0.5	-0.6	0	3.8	4.1	-0.3
Total				Total WI FBS	-1967.1	-1898.9	Total WI IFRO		-1041.9