

M-13 Emergency Procedures Rev. 97

Kevin Hatch
PJM System Operations
Operating Committee
November 3, 2025



M13 Revision 97 Summary

- Revision 97 effective 9/25/2025
- All changes are associated with an administrative update to reflect changes to attachments based on 2025 load forecast
- Impacted Sections
 - Attachment E
 - Attachment F
 - Attachment N

Winter/Summer Required Manual Load Dump PJM Mid-Atlantic Region																
MW	PS	PE	PPL Zone		BC	FE-East	PEPCO ZONE		AE		DPL Zone					
			PPL	UGI			PEPCO	SMECO	AECO	Vineland	DPL	ODEC	DEMEC	Dover	Easton	Rockland
%	17.61%	14.74%	12.54%	0.34%	11.45%	20.93%	9.08%	1.46%	4.04%	0.27%	4.57%	1.42%	0.47%	0.27%	0.09%	0.71%
500	88	74	63	2	57	105	45	7	20	1	23	7	2	1	0	4
1000	176	147	125	3	115	209	91	15	40	3	46	14	5	3	1	7
1500	264	221	188	5	172	314	136	22	61	4	69	21	7	4	1	11
2000	352	295	251	7	229	419	182	29	81	5	91	28	9	5	2	14
3000	528	442	376	10	344	628	272	44	121	8	137	43	14	8	3	21
4000	704	590	502	14	458	837	363	59	161	11	183	57	19	11	4	28
5000	880	737	627	17	573	1046	454	73	202	13	228	71	24	14	5	35

Manual Load Dump Allocation - PJM Mid-Atlantic Region

When issuing a manual Load Dump via All Call, the PJM Dispatcher will include the following information in the message:

- (1) Area (PJM Mid-Atlantic Region, Eastern Portion of PJM Mid-Atlantic Region, or a zone / company)
- (2) Total megawatts (refer to appropriate tables for allocation)
- (3) Allocation table to be used
- (4) Transmission Zone allocations will be handled separately based on PJM EMS capacity calculations

Allocation percentages are based on 2025 summer but applicable to both 2025 summer and 2025/2026 Winter Load conditions

PJM Manual Load Dump Capability							
Transmission Owner	1 2025 Summer System Peak Load Est. (MW)	2 Maximum Manual Load Shedding Capability based on System Peak Load Estimate (MW)	3 Load Shed Cap (%) (Percent = #2 ÷ #1)	4 Overlap of Load Shedding and Under frequency Loads (MW)	5 Overlap of Load Shedding and Under frequency Loads (%) (Percent = #4 ÷ #2)	6 Manual Load Shedding if Under frequency relays have operated (MW) (MW = #2 - #4)	7 Manual Load Shedding if Under frequency relays have operated (%) (Percent = #6 ÷ #1)
DPL	2,761	831	30.10%	233	28.04%	598	21.66%
DPL - Dover	149	65	43.26%	40	62.02%	25	16.43%
DPL - DEMEC	259	0	0.00%	0	-	0	0.00%
DPL - Easton	52	18	34.62%	3	16.67%	15	28.85%
DPL - ODEC	784	0	0.00%	0	-	0	0.00%
AE	2,437	789	32.37%	135	17.11%	654	26.83%
AE - Vineland	147	75	50.98%	47	63.04%	28	18.84%
PS	10,341	1320	12.76%	4	0.33%	1316	12.72%
RECO	415	415	100.00%	147	35.36%	268	64.64%
PE	8,606	1158	13.46%	319	27.55%	839	9.75%
FE East - JC	6,096	1828	29.98%	0	0.00%	1828	29.98%
PL	7,356	4526	61.53%	2428	53.65%	2098	28.52%
UGI	201	201	100.00%	68	33.83%	133	66.17%
FE East - ME	3,115	1026	32.92%	0	0.00%	1026	32.92%
FE East - PN	2,944	1662	56.45%	38	2.26%	1624	55.17%
BC	6,544	1967	30.06%	56	2.85%	1911	29.20%
PEPCO	5,263	4343	82.52%	1697	39.07%	2646	50.28%
PEP - SMECO	806	470	58.34%	170	36.05%	301	37.31%
FE South	8,073	2461	30.48%	228	9.26%	2233	27.66%
FE South-ODEC	634	0	0.00%	0	-	0	0.00%
Dom	19,495	11086	56.87%	2394	21.59%	8693	44.59%
Dom - ODEC	1,303	0	0.00%	0	-	0	0.00%
Dom - NCEMC	283	0	0.00%	0	-	0	0.00%
Dom - NOVEC	2,066	257	12.46%	78	30.20%	180	8.70%
AEP	23,592	12629	53.53%	6676	52.86%	5953	25.23%
DLCO	2,703	1449	53.61%	435	30.02%	1014	37.51%
Dayton	3,348	816	24.37%	0	0.00%	816	24.37%
FE West	11,792	3158	26.78%	612	19.37%	2546	21.59%
CPP	279	131	46.94%	73	55.73%	58	20.78%
Com Ed	20,528	12450	60.65%	3585	28.80%	8865	43.19%
DEOK	5,370	4054	75.49%	2534	62.51%	1520	28.31%
EKPC	2,117	1262	59.63%	422	33.46%	840	39.68%
OVEC	85	85	100.00%	0	0.00%	85	100.00%
Neptune	660	0	0.00%	0	-	0	0.00%
HTP	660	0	0.00%	0	-	0	0.00%

IROL Facility	East	Central	5004/05	West	AP-South	BED-BLA	AEP-DOM	CE-East	Cleveland
TO Zone	Multiplier	Multiplier	Multiplier	Multiplier	Multiplier	Multiplier	Multiplier	Multiplier	Multiplier
DPL	0.20	0.14	0.30	0.14					
DPL-Dover	0.01	0.01	0.02	0.01					
DPL-DEMEC	0.00	0.00	0.00	0.00					
DPL-Easton	0.00	0.00	0.01	0.00					
DPL-ODEC	0.06	0.04	0.09	0.04					
AE	0.17	0.13	0.26	0.12					
AE-Vineland	0.01	0.01	0.02	0.01					
PS	0.72	0.56	0.91	0.55					
RECO	0.03	0.03	0.05	0.03					
PE	0.62	0.44	0.93	0.43					
FE East-JC	0.43	0.32	0.63	0.32					
PL		0.41	0.65	0.37					
UGI		0.01	0.02	0.01					
FE East-ME		0.24	0.34	0.16					
FE East-PN									
BC			3.34	0.45	1.09	2.66	2.65		
PEP				0.65	0.66	1.68	1.63		
PEP-SMECO				0.10	0.10	0.27	0.24		
FE South									
FE South-ODEC									
DOM					2.31	8.70	2.73		
Dom-CVEC					0.01	0.05	0.02		
Dom-ODEC					0.15	0.58	0.18		
Dom-NCEMC					0.00	0.00	0.00		
NOVEC					0.24	0.92	0.29		
Dom-SEPA					0.01	0.04	0.01		
AEP-AP							1.28		
AEP Total									
DLCO									
Dayton									
FE West									2.66
CPP									0.03
AMPT									0.00
ComEd								1.66	
DEOK									
EKPC									
OVEC									
Neptune									
HTP									
Linden									
ITCI									
Silver Run									
Rock Springs									
DOE PORTS									
TransSource									
Wabash									

- **SOS October 30th**
- **OC November 3rd**
- **MRC November 20th**

Presenter/SME:
Kevin Hatch
Kevin.Hatch@pjm.com

M-13 Version 97 Revisions



Member Hotline

(610) 666 – 8980

(866) 400 – 8980

custsvc@pjm.com