

Example Registration Reduction Calculation for Non-PAI LM Event (Includes Partial Hours)

DISRS

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- Link to Training Material:
 - <https://www.pjm.com/training/-/media/DAED1D521AA441C5B5B4E9D3A3A1E829.ashx>

FSL Registration Non-PAI Reduction Calculation (includes partial hours)

	Registration ID 123456					
	non-PAI LM Event					
	Start time 16:30 End Time 21:15					
	Partial Hr					Partial Hr
	HE17	HE18	HE19	HE20	HE21	HE22
Meter Reading (kW)	125	50	45	40	55	170
5 min Intervals	6	12	12	12	12	3
Partial hour factor (12/#int)	2.0	1	1	1	1	
PLC (kW)	840	840	840	840	840	
CLF	1.095	1.095	1.095	1.095	1.095	
Raw Reduction (kW)	703.1	785.3	790.7	796.2	779.8	
Adjusted Reduction (kW)	1406.3	785.3	790.7	796.2	779.8	
Capped Reduction (kW)	840.0	785.3	790.7	796.2	779.8	
Average Reduction (kW)	798.4					

Partial hour must be 30 minutes (6 intervals) or greater to be included

Raw FSL Reduction = $[SUMMER] \text{ PLC} - (\text{MR} * \text{CLF})$; $[NON-SUMMER] (\text{WPL} * \text{ZWWAF} * \text{CLF}) - (\text{MR} * \text{CLF})$

Adjusted Reduction = Raw Reduction * 12/#int

Capped Reduction = Min(PLC, Adjusted Reduction)

Average Reduction = average capped reduction values

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**Example Registration Reduction Calculation for
Non-PAI LM Event**



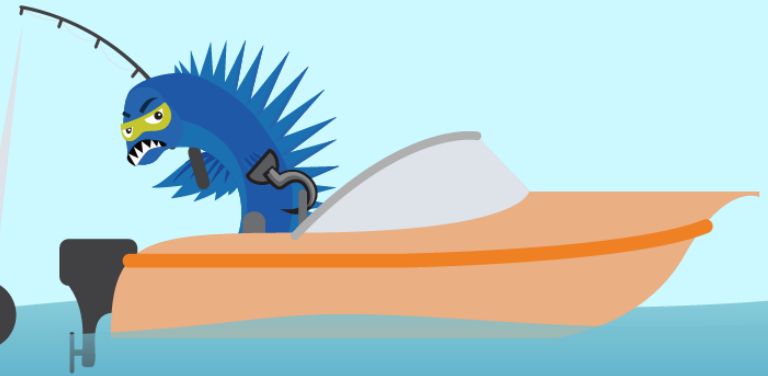
Demand Response
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POWER GRID**
**THINK BEFORE
YOU CLICK!**



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