



Emissions Template



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July 12, 2017

- Annual reporting of Emissions Allowances used in Cost Offers
 - Component of the Total Fuel Related Cost (\$/MMBtu)
 - [PJM Manual 15](#), Section 2.3.5 Emissions Allowances
- **Emissions Adder Usage:** described in the Fuel Cost Policy
- **Emissions Template:** supporting documentation for the adder

- Generating Units with no/\$0 Emissions Adders
 - Do not need to fill out the template
- Generating Units with non-\$0 Emissions Adders
 - Must fill out the template
 - <http://pjm.com/~media/markets-ops/energy/fuel-cost-policy/emissions-template.ashx>
 - Must submit completed template to PJM, via email
 - Email: FuelCostPolicyAnalysis@pjm.com

- **Unit Information – Contact & Generating Unit(s) Info**
 - Aggregation Description
- **Emissions Components of Total Fuel Related Cost**
 - By Fuel Type (up to 3)
 - By Emission Type
 - By Seasonal Period
- **Numerical Example for a Given Date**
 - Allowance Price → \$/MMBtu
 - Heat Rate → \$/MW, if applicable

- Seasonal Emissions Rates (lb./MMBtu)
 - NOx: Non-Ozone, Ozone, High Electric Demand Day (HEDD)
 - SO2, CO2, Other: Annual
- Operating Mode
 - Startup, Energy (Normal Operations), Shutdown
- Values may be left empty if not applicable

Fuel Type	Operating Mode	Emissions Rate		
		Non-Ozone (Fa, Wi, Sp)	Ozone (Summer)	HEDD Days
		lb/mmBTU	lb/mmBTU	lb/mmBTU
Fuel #1	Startup	0.0000	0.0000	0.0000
	Energy	0.0000	0.0000	0.0000
	Shutdown	0.0000	0.0000	0.0000
Fuel #2 (if required)	Startup			
	Energy			
	Shutdown			
Fuel #3 (if required)	Startup			
	Energy			
	Shutdown			

- For a reference **Date**, enter the **Allowance Prices** (\$/ton) for the given emission type, fuel type, operating mode combination
- The calculated Emissions Adder (\$/MMBtu) should match the adder used in the energy schedule for the unit(s) for the reference date