Facility General Information

General facility information to review and update (please use red or blue ink to update).

Section 1: Facility Identifactio

a.) County Code:	153	**b.) Plant ID:**	00005
c.) Facility Name:	HOOSIER ENERGY RURAL ELEC MEROM STATION		

Section 2: Physical Address:

a.) Source Address:	HIGHWAY 54 WEST
b.) Source City and Zip Code:	SULLIVAN, 47882

Section 3: Mailing Address:

a.) Corporate Name:	
b.) Mailing Address:	
c.) Mailing City, State, Zip Code:	,

Section 4: Source Location

a.)	**UTM Vertical:**	4324.4	**UTM Horizontal:**	455.7
b.)	**Latitude:**	390409	**Longitude:**	873043

Section 5: Industrial Classificatio

a.) Primary NAICS Code:	221121	Electric Bulk Power Transmission and Control
b.) Primary SIC Code:	4911	Electric Services

Section 6: Contact Informatio

a.) Emissions Contact Official and Title:	DARRELL BAYLESS, AIR QUALITY EN
b.) Emissions Contact Phone Number:	(812) 876-2021
c.) Emissions Contact Fax Number:	
d.) Emissions Contact E-Mail Address:	dbayless@hepn.com
e.) Year of Inventory:	2002
f.) Date Updated	
g.) Signature:	

Stack Parameters

Stack Information to Review and Update (please use red or blue ink to update). Use a blank form to add stacks.

Section 7: Stack Information

a.) ID #	b.) Description	c.) Height (ft)	d.) Diameter (ft)	e.) Flow (acfm)	f.) Temp (f)	g.) UTM Vertical or Latitude	h.) UTM Horizontal or
1	UNIT #1	704	19	1755854	130	390409	873039
2	UNIT #2	704	19	1755854	130	390409	873039

Group/Process/Emissions Information

Please complete information for Groups, Processes and Emissions (please use red or blue ink to update). All highlighted items must be completed. Use a blank form to add groups, processes, and

Section 9: Group Information

a.) Group Number: 001	**b.) Description:** UNIT 1			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: UNIT # 1 - COAL	
c.) Source Classification Code (SCC): 10100202	d.) Units: Tons Bituminous Coal Burned	
e.) Stack Number: 1	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 248.3687		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
7439976	MERCURY	9	.0000678	0	
7440439	CADMIUM	9	00000166	0	
CO	CARBON MONOXIDE	9	0.499	0	
NO2	NITROGEN DIOXIDE	1		0	
PB	LEAD	9	.000192	0	
PM10	PARTICULATE MATTER 10	9	0.5368	0	
PT	TOTAL PARTICULATE MATTER	9	0.8449	0	
SO2	SULFUR DIOXIDE	1		0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.0594	0	

Section 10. Process Information

a.) Process Number: 2	b.) Description: UNIT #1 - OIL	
c.) Source Classification Code (SCC): 10100501	d.) Units: 1000 Gallons Distillate Oil (No. 1 & 2)	
e.) Stack Number: 1	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 0.00		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
CO	CARBON MONOXIDE	9	5	0	
NO2	NITROGEN DIOXIDE	9	20.00	0	
PB	LEAD	9	0.0004	0	
PM10	PARTICULATE MATTER 10	9	0.0	0	
PT	TOTAL PARTICULATE MATTER	2		0	
SO2	SULFUR DIOXIDE	9	28	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.2	0	

Section 9: Group Information

a.) Group Number: 002	**b.) Description:** UNIT 2		
Operating Schedule: **c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: UNIT # 2 - COAL	
c.) Source Classification Code (SCC): 10100202	d.) Units: Tons Bituminous Coal Burned	
e.) Stack Number: 1	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 248.3687		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
7439976	MERCURY	9	.0000678	0	
7440439	CADMIUM	9	00000166	0	
CO	CARBON MONOXIDE	9	0.499	0	
NO2	NITROGEN DIOXIDE	1		0	
PB	LEAD	9	.000192	0	
PM10	PARTICULATE MATTER 10	9	0.53567	0	
PT	TOTAL PARTICULATE MATTER	9	0.8432	0	
SO2	SULFUR DIOXIDE	9	9.957	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.0594	0	

Section 10. Process Information

a.) Process Number: 2	b.) Description: UNIT #2 - OIL	
c.) Source Classification Code (SCC): 10100501	d.) Units: 1000 Gallons Distillate Oil (No. 1 & 2)	
e.) Stack Number: 1	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 00.00		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
CO	CARBON MONOXIDE	9	5	0	
NO2	NITROGEN DIOXIDE	9	20	0	
PB	LEAD	9	0.0004	0	
PM10	PARTICULATE MATTER 10	9	0	0	
PT	TOTAL PARTICULATE MATTER	9	0	0	
SO2	SULFUR DIOXIDE	9	28	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.2	0	

Section 9: Group Information

a.) Group Number: 103	**b.) Description:** 500,000GAL/OIL TANK			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: START UP FUEL SUPPLY	
c.) Source Classification Code (SCC): 40400153	d.) Units: 1000 Gallons Transferred	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 9999.999		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.314	0	

Section 9: Group Information

a.) Group Number: 104	**b.) Description:** COAL HANDLING FACILITIES			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: COAL PILE	
c.) Source Classification Code (SCC): 30510303	d.) Units: Tons Processed	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 800		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	0.00381	0	
PT	TOTAL PARTICULATE MATTER	9	.00381	0	

Section 10. Process Information

a.) Process Number: 2	b.) Description: COAL HANDLING	
c.) Source Classification Code (SCC): 30510303	d.) Units: Tons Processed	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 800		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	0.00235	0	
PT	TOTAL PARTICULATE MATTER	9	0.00235	0	

Section 9: Group Information

a.) Group Number: 105	**b.) Description:** LIMESTONE HANDLING FACIL.		
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: PLANT LIMESTONE FACIL'S	
c.) Source Classification Code (SCC): 30510305	d.) Units: Tons Processed	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 29		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	0.00777	0	
PT	TOTAL PARTICULATE MATTER	9	0.00777	0	

Section 10. Process Information

a.) Process Number: 2	b.) Description: LIMESTONE HANDLING	
c.) Source Classification Code (SCC): 30510305	d.) Units: Tons Processed	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 29		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	0.0193	0	
PT	TOTAL PARTICULATE MATTER	9	0.0193	0	

Section 9: Group Information

a.) Group Number: 106	**b.) Description:** COAL COMBUSTION BY-PRDCTS		
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: PLANT LANDFILL	
c.) Source Classification Code (SCC): 50300603	d.) Units: Acre-Years Landfill Existing	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour):		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	0.000177	0	
PT	TOTAL PARTICULATE MATTER	9	0.000177	0	