



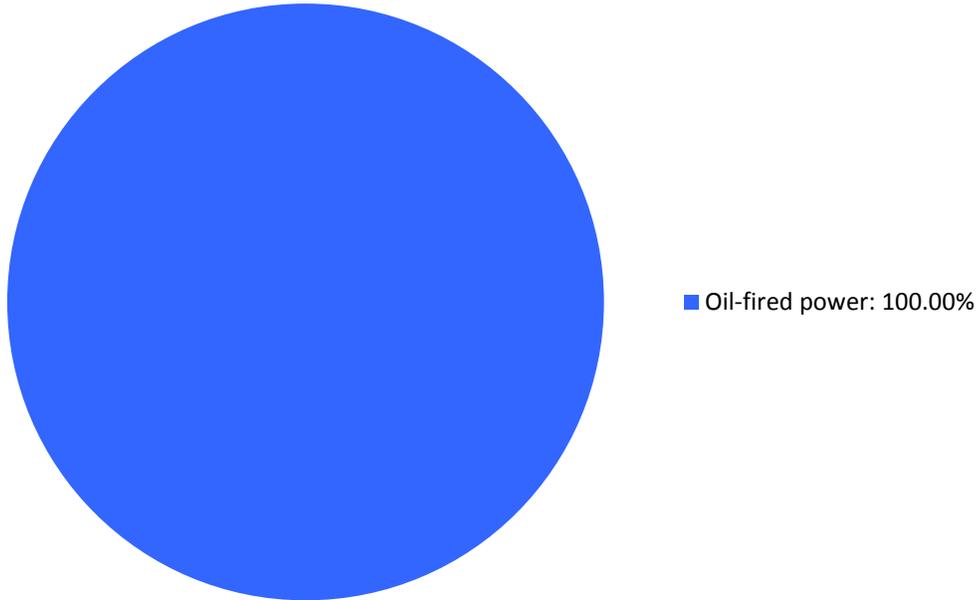
**Power Plant: Bethany**  
**Plant Owner: City of Bethany**  
**Power generated in 2009 from non-renewable and renewable sources**

|                                | Fuel Consumption, MMBTUs | Percent of Total |                | Net Electric Power Generated in 2009 (MWh) | Percent of Total |                |
|--------------------------------|--------------------------|------------------|----------------|--|------------------|----------------|
| <b>Non-renewable sources</b>   |                          |                  |                |  |                  |                |
| Coal-fired power               |                          |                  |                |  |                  |                |
| Natural gas-fired power        | 0                        |                  |                | 0  |                  |                |
| Oil-fired power                | 1,159                    | 100.00%          |                | 106  | 100.00%          |                |
| Nuclear power                  |                          |                  |                |  |                  |                |
| Other non-renewable power      |                          |                  |                |  |                  |                |
| <b>Non-renewable total</b>     | <b>1,159</b>             | <b>100.00%</b>   | <b>100.00%</b> | <b>106</b>                                 | <b>100.00%</b>   | <b>100.00%</b> |
| <b>Renewable sources</b>       |                          |                  |                |  |                  |                |
| Hydroelectric Power            |                          |                  |                |  |                  |                |
| Wind                           |                          |                  |                |  |                  |                |
| Waste and biomass              |                          |                  |                |  |                  |                |
| Solar                          |                          |                  |                |  |                  |                |
| Geothermal                     |                          |                  |                |  |                  |                |
| Landfill Gas                   |                          |                  |                |  |                  |                |
| <b>Renewable total</b>         | <b>0</b>                 | <b>0.00%</b>     | <b>0.00%</b>   | <b>0</b>                                   | <b>0.00%</b>     | <b>0.00%</b>   |
| <b>Grand total all sources</b> | <b>1,159</b>             |                  | <b>100.00%</b> | <b>106</b>                                 |                  | <b>100.00%</b> |

| Fuel Type                  | Physical Units | Number of Units |
|----------------------------|----------------|-----------------|
| <b>Natural Gas</b>         | Mcf            | 0               |
| <b>Distillate Fuel Oil</b> | Barrels        | 200             |



### Net Generation by Fuel Type, 2009 for Bethany





**Bethany**  
**Emissions from Electricity Generated in 2009**

| Plant          | Carbon Dioxide(CO2) (Tons) | Carbon Monoxide(CO) (Tons) | Ammonia (NH3) (Tons) | Nitrogen Oxides (NOx) (Tons) | Sulfur Dioxides (SO2) (Tons) |
|----------------|----------------------------|----------------------------|----------------------|------------------------------|------------------------------|
| <b>Bethany</b> | 16.14                      | NV                         | NV                   | NV                           | NV                           |

| Plant          | Volatile Organic Compounds (VOC) (Tons) | Course Particulate Matter (PM10) (Tons) | Fine Particulate Matter (PM2.5) (Tons) | Mercury (Hg) (LBS) |
|----------------|---|---|--|--------------------|
| <b>Bethany</b> | NV                                      | NV                                      | NV                                     | NV                 |

'NV' = Emissions value not available.



**Pollution controls installed on Bethany**

| <b>SO2 Controls</b> |                           |              |                        |  |
|---------------------|---------------------------|--------------|------------------------|--|
| Plant               | Control Equipment         | Sorbent Type | Operational Efficiency |  |
| <b>Bethany</b>      | No SO2 Controls Installed |              |                        |  |

| <b>NOX Controls</b> |                           |             |                    |                    |
|---------------------|---------------------------|-------------|--------------------|--------------------|
| Plant               | Device Type               | Description | Capture Efficiency | Control Efficiency |
| <b>Bethany</b>      | No NOX Controls Installed |             |                    |                    |

**Data Sources**

- Emissions Data: Missouri Department of Natural Resources, Air Pollution Control Program, Missouri Emissions Inventory System (MOEIS)  
<http://www.dnr.mo.gov/env/apcp/moeis/emissionsreporting.htm>
- CO2 Emissions calculated by Missouri Department of Natural Resources, Division of Energy, from EIA Fuel Consumption Data
- Fuel Consumption and Generation Data: United States Energy Information Administration, Form 923, United States Department of Energy  
[http://www.eia.gov/cneaf/electricity/page/eia906\\_920.html](http://www.eia.gov/cneaf/electricity/page/eia906_920.html)