

The Empire District Electric Company
Load and Capability Forecast
Based on Budgeted Load Forecast 2012-2015
****Highly Confidential in its Entirety****

BUDGET ON-SYSTEM ENERGY MWHS

****Highly Confidential in its Entirety****

BUDGET HEAT RATES (BTU/KWH)
****Highly Confidential in its Entirety****

Fuel Types For Each Supply Side Resource

	Primary Fuel	Secondary Fuel	Start Fuel	Additional Fuel
Asbury 1	Asbury PRB Coal (~88%)	Asbury Blend Coal (~12%)	Oil	Tire Derived Fuel
Asbury 2	Asbury PRB Coal (~88%)	Asbury Blend Coal (~12%)	-	Tire Derived Fuel
Iatan 1-2	Iatan Western Coal		Oil	
Plum Point	Plum Point Western Coal		Oil	
Riverton 7 (Coal)	Riverton PRB Coal		Natural Gas	Natural Gas *
Riverton 8 (Coal)	Riverton PRB Coal		Natural Gas	Natural Gas **
Riverton 7 (Nat Gas)	Natural Gas		Natural Gas	
Riverton 8 (Nat Gas)	Natural Gas		Natural Gas	
Riverton 9	Natural Gas		Natural Gas	Oil
Riverton 10	Natural Gas		Natural Gas	
Riverton 11	Natural Gas		Natural Gas	
Riverton 12	Natural Gas		Natural Gas	
Energy Center 1	Natural Gas		Natural Gas	Oil
Energy Center 2	Natural Gas		Natural Gas	Oil
Energy Center 3	Natural Gas		-	Oil
Energy Center 4	Natural Gas		-	Oil
State Line 1	Natural Gas		Natural Gas	Oil
SLCC 1x1	Natural Gas		Natural Gas	
SLCC 2x1	Natural Gas		Natural Gas	

Approximate % blends in the table are on an MMBtu basis (88%/12% for Asbury)

Corresponding approximate % blends on a weight (ton) basis are (90%/10% for Asbury)

PRB is an abbreviation for Powder River Basin

* Riverton 7 (Coal) has a rated capacity of 38 MW but a modeled max of 24 MW on coal. Over firing with natural gas needed to reach 38 MW.

** Riverton 8 (Coal) has a rated capacity of 54 MW but a modeled max of 45 MW on coal. Over firing with natural gas needed to reach 54 MW.

Riverton Units 7 and 8 are assumed to transition from coal units to natural gas units

CTs with oil as an additional fuel can burn oil if natural gas is unavailable or if oil is more economical