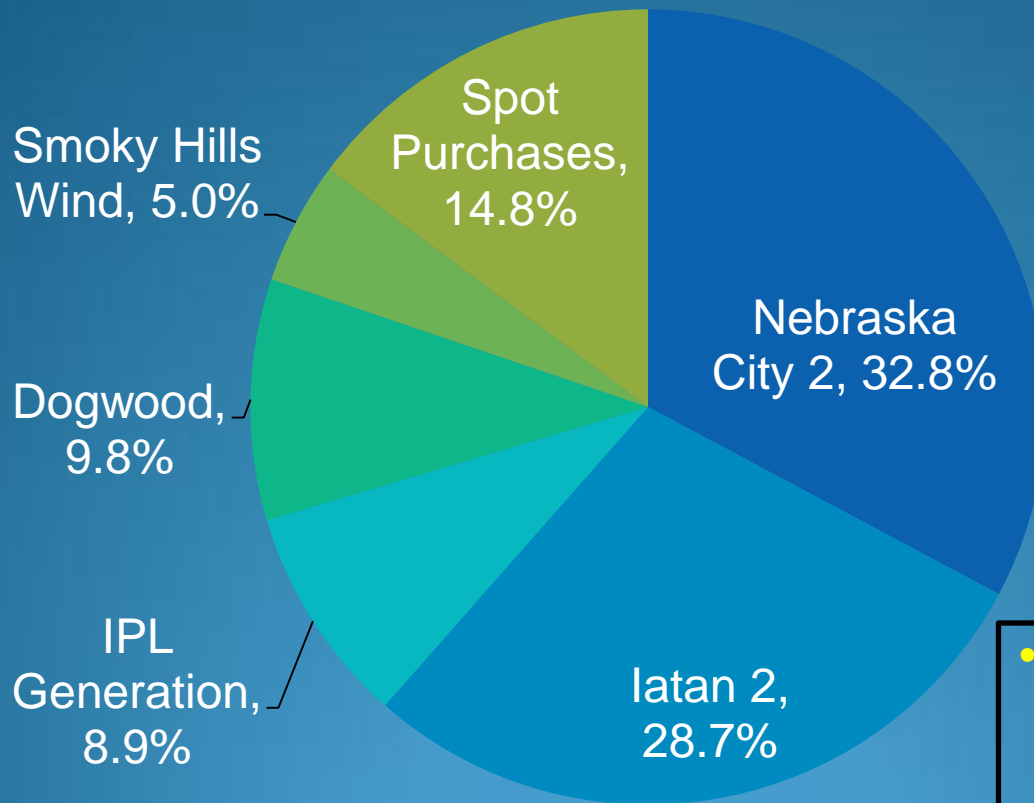


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March 22, 2014



2013 Energy Supply



- Missouri RPS for IOU's
 - 2011 = 2%
 - 2014 = 5%
 - 2018 = 10%
 - 2021 = 15%

Where We're Going: Power Supply

- Missouri City retirement: January 2016
 - No additional resources needed to replace Missouri City
- Blue Valley Burns 100% natural gas: January 2016
 - No added capital expense required
 - Continued operation of the plant avoids the need to add 93 MWs of new capacity and serves as a hedge against market-price volatility
- Seek to double renewable energy supply by 2018
 - Wind, solar, and biomass
- Continue energy efficiency efforts

Utility Scale Solar

- IPL Staff - Monitoring/Evaluating Solar for years
- Despite declining prices and Federal subsidies, Solar Costs nearly double that of Wind
- Utility Scale Solar Projects less costly than Customer Solar Projects
 - Economies of scale
- City Staff Investigating Potential Sites Within City
 - Requires 4-5 acres per Megawatt
 - Near IPL Facilities



Customer Solar

- Net Metering Tariff since 2003
 - Provides for “net billing” and IPL purchase of excess
 - Generation sized to match customer’s own load but no greater than 100 kilowatts
- IPL Application/Approval Process
 - Safety is #1 Priority
- City Permitting Process
 - Electrical Permit
 - Building Permit (??)
 - Safety is #1 Priority



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Thank You

