



# **Private Wind Power: Making Nebraska Public Power More Competitive**

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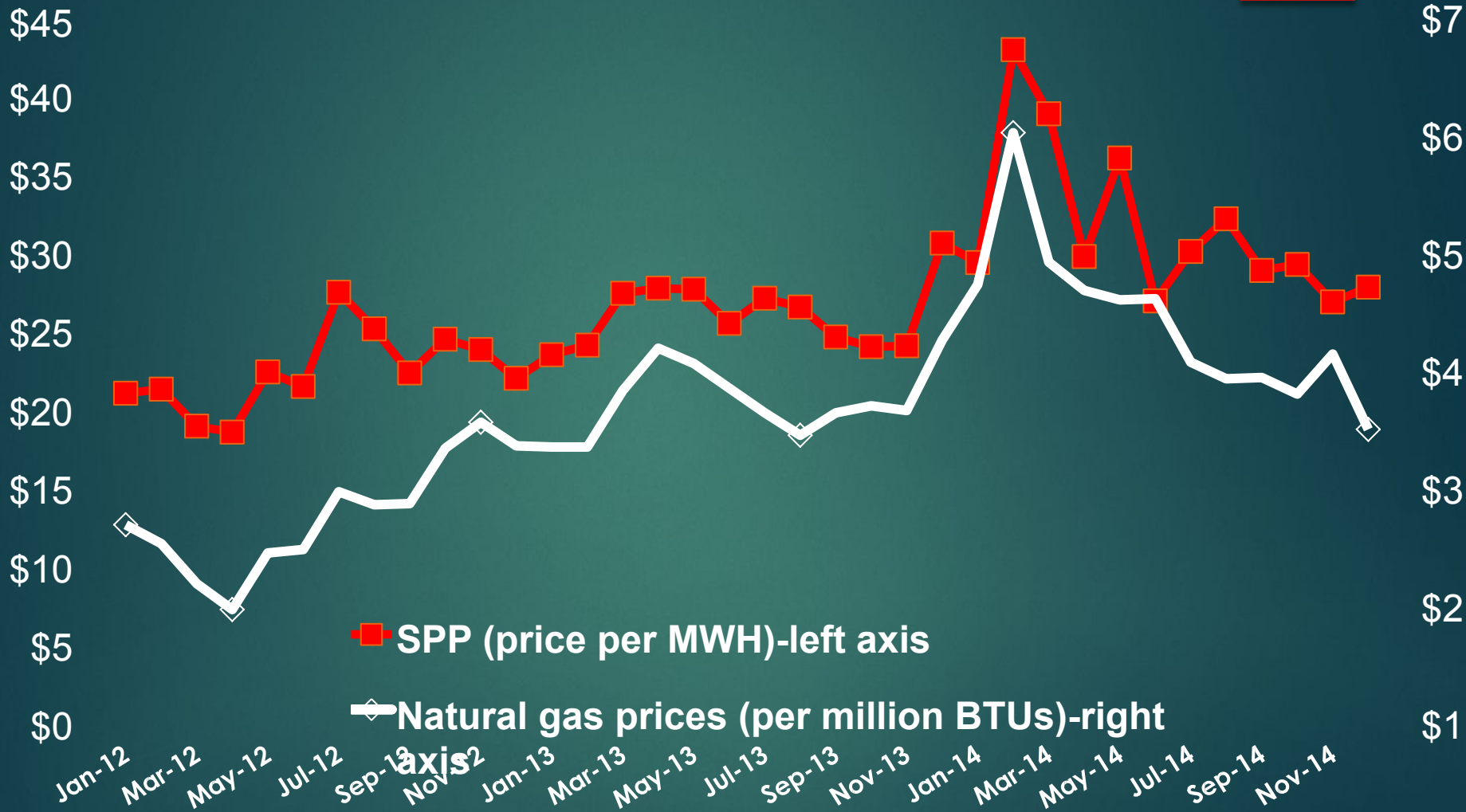
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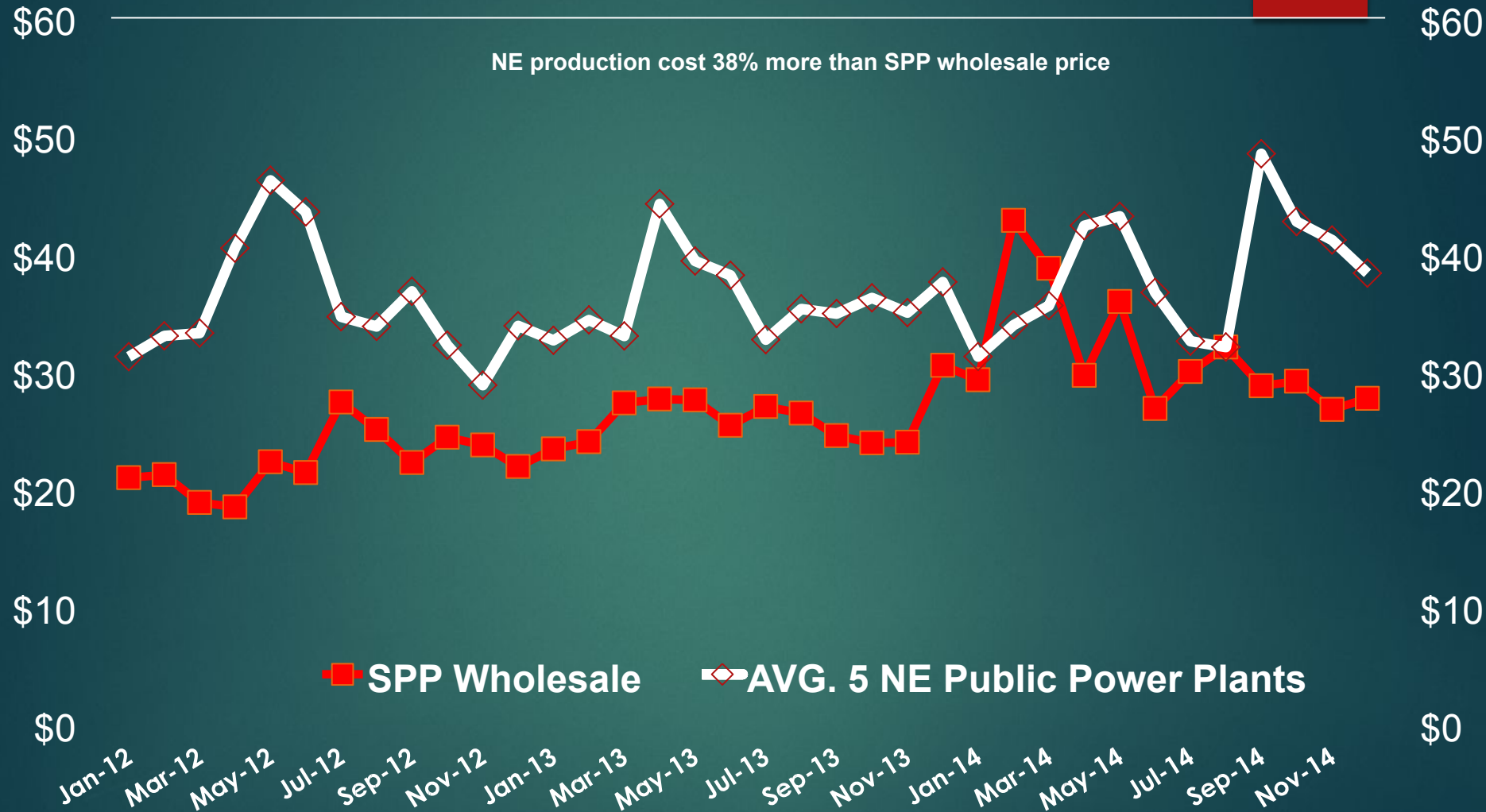
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# SPP Wholesale Price vs. Natural Gas Price, 2012-14



# Price per MWH: SPP wholesale vs. 5 NE public power units (weighted average)



## Electricity from Wind WNC States, 2015

	% of generation from Wind	Ranking-Installed wind capacity	Rank-wind capability	# wind turbines (rank)	Installed wind capacity (MW)
Iowa	35.8%	1	13	3,719 (3)	6,365
Kansas	27.7%	2	4	2,178 (7)	3,836
Minnesota	17.4%	7	7	2,357 (5)	3,435
Missouri	1.4%	25	12	252 (26)	459
Nebraska	8.9%	20	5	540 (20)	926
North Dakota	19.8%	11	9	1,177 (11)	2,143
South Dakota	26.9%	18	6	583 (18)	977


Source: American Wind Energy Association

<b>Capacity comparison vs. &amp; OPPD, 2015</b>			
	<b>SPP</b>	<b>NPPD</b>	
	<b>OPPD and NPPD</b>		<b>SPP</b>
	<b>Owned PPA's</b>	<b>Owned +</b>	
<b>Coal</b>	<b>55.7%</b>	<b>52.2%</b>	<b>33.3%</b>
<b>Natural gas &amp; oil</b>	<b>20.1%</b>	<b>18.8%</b>	<b>42.6%</b>
<b>Nuclear</b>	<b>20.3%</b>	<b>19.0%</b>	<b>3.2%</b>
<b>Other</b>	<b>3.3%</b>	<b>3.1%</b>	<b>6.2%</b>
<b>Wind</b>	<b>0.7%</b>	<b>7.0%</b>	<b>14.9%</b>
<b>Total</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>
<b>Source: Annual reports</b>			

## 2013 electricity prices (per MWH) with and without wind subsidy

	<b>Actual price</b>	<b>Price without subsidies</b>	<b>% reduction</b>
<b>Iowa</b>	<b>\$82.40</b>	<b>\$92.04</b>	<b>11.7%</b>
<b>Kansas</b>	<b>\$100.44</b>	<b>\$107.26</b>	<b>6.8%</b>
<b>Minnesota</b>	<b>\$96.35</b>	<b>\$102.00</b>	<b>5.9%</b>
<b>Missouri</b>	<b>\$90.62</b>	<b>\$91.08</b>	<b>0.5%</b>
<b>Nebraska</b>	<b>\$88.04</b>	<b>\$89.77</b>	<b>2.0%</b>
<b>North Dakota</b>	<b>\$84.93</b>	<b>\$90.49</b>	<b>6.6%</b>
<b>South Dakota</b>	<b>\$90.58</b>	<b>\$100.21</b>	<b>10.6%</b>

**Source: Goss & Associates**



**Questions?  
Newsletter? (“Free  
and Well Worth  
the Price”)**