

**Comparison of Pana connection cost to Kincaid connection cost**

\$ in millions

<b>Kincaid connection</b>		<b>Pana connection</b>	
Cost	Cost to Ameren Illinois area custs:	Cost	Cost to Ameren Illinois area custs:
<p>Estimated cost of substation equipment needed to connect an additional 345 kV line to Kincaid substation and convert ring bus to double ring bus configuration and rearrange line connections:</p>		<p>Estimated cost of Pana connection which addresses the Decatur area reliability issues in 2016 and relocates the existing Pana transmission lines and equipment to the new substation due to mine subsidence:</p>	
\$16.5	\$1.5	\$202.9	\$18.3
<p>Estimated cost of 345 kV line from Kincaid to staff's suggested Mt. Zion substation site assuming 41 mile line length:</p>			
\$90.3	\$8.1		
<p>Estimated cost of new Mt. Zion area substation and equipment:</p>			
\$17.8	\$1.6		
<p>Estimated cost of a rebuilding the Pana transmission substation at a new site and relocate existing transmission lines and equipment to the new substation due to mine subsidence:</p>			
\$32.9	\$32.9		
<p>Estimated Kincaid connection cost NOTE: This does not include the cost of possible system upgrades needed on the PJM and MISO transmission systems due to the Kincaid connection. It also does not include the cost of actions to address the Deactur area reliability issues between 2016 and whenever the Kincaid connection is implemented:</p>		<p>Estimated Pana connection cost</p>	
\$157.5		\$202.9	
<p><b>Estimated Kincaid connection cost paid by Ameren Illinois area customers:</b></p>		<p><b>Estimated Pana connection cost paid by Ameren Illinois area customers:</b></p>	
	\$44.1		\$18.3