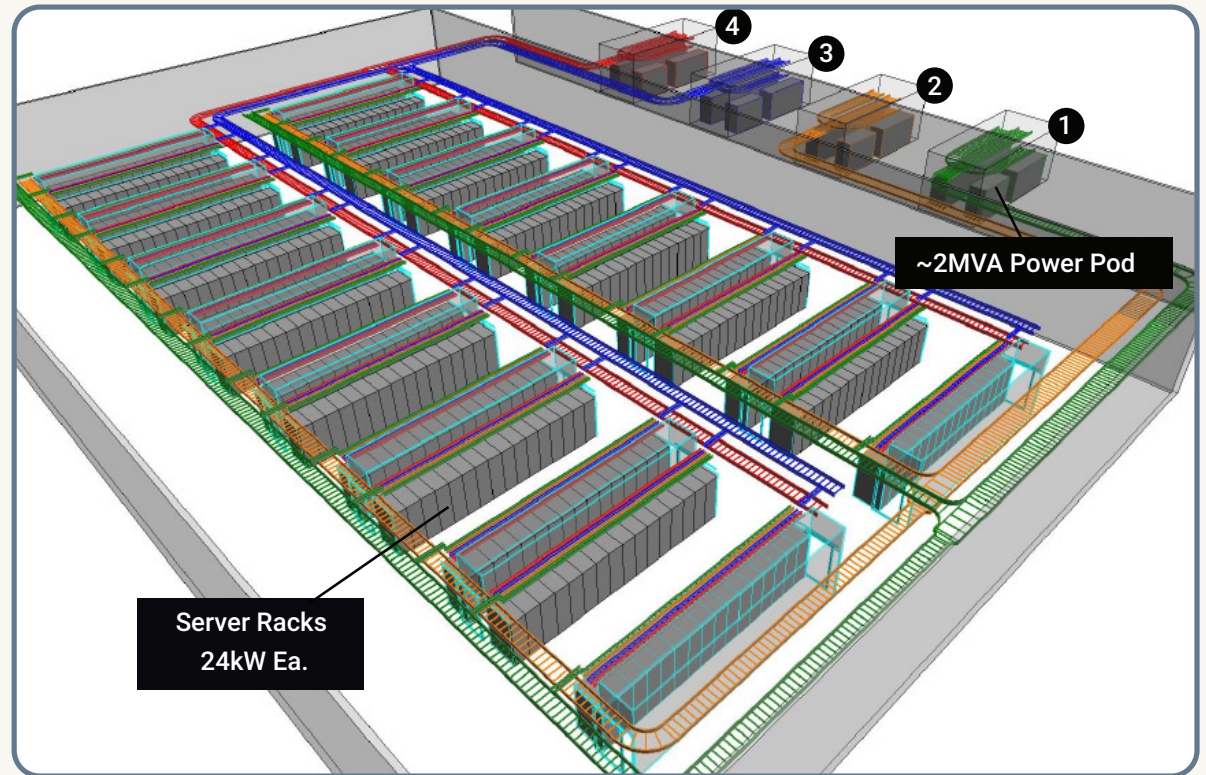




## Digital Electricity Analysis in a 6MVA Data Center

**Protecting data and the environment,** Southland brings together extensive experience and expertise to create a safe, reliable environment for information storage – integrating the latest technologies and architecture to maximize sustainability, scalability, and reliability.

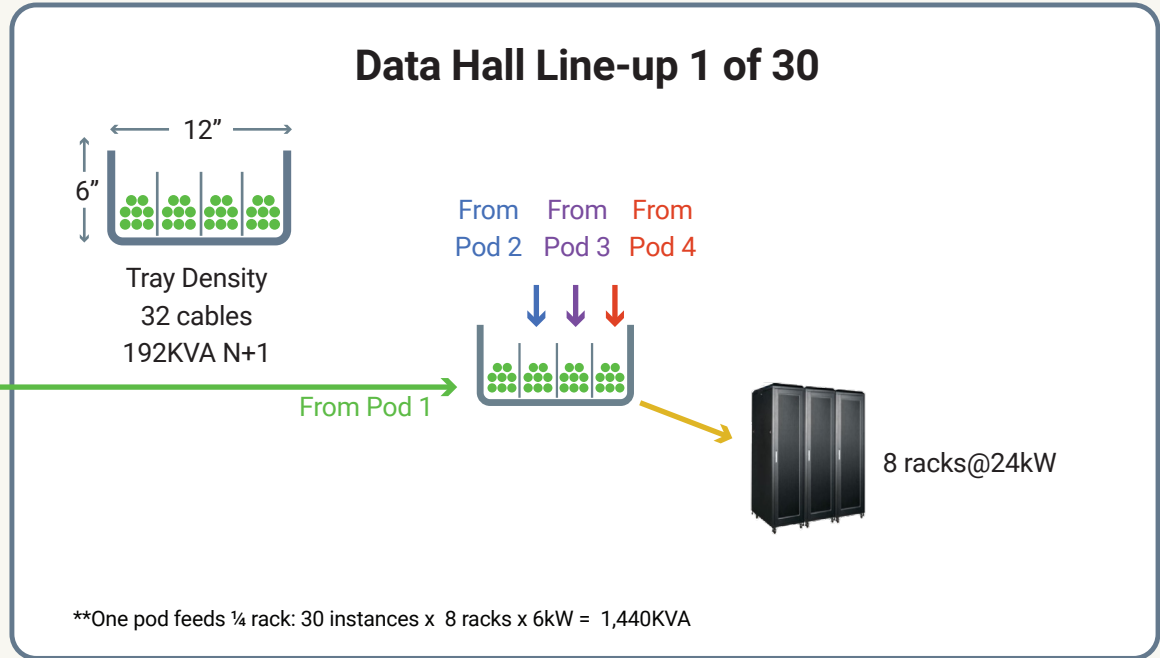
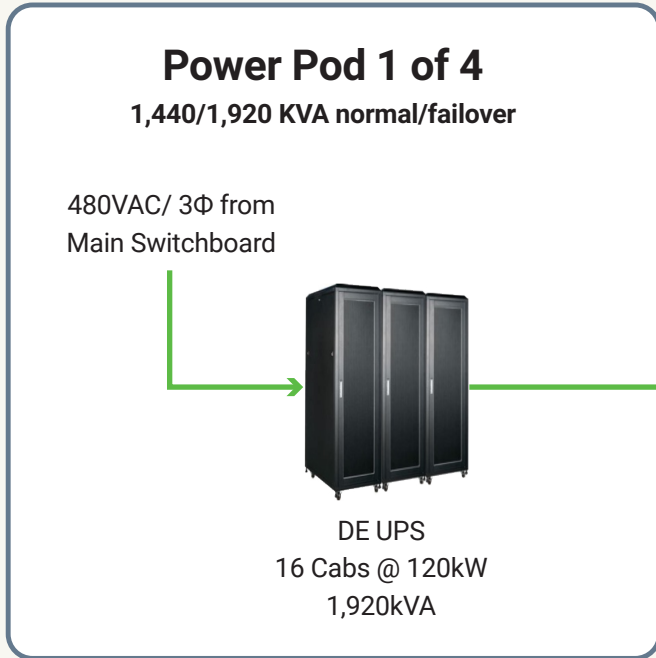


### Cost Comparison vs. Digital Electricity vs. 480VAC

Item	DE Labor	DE Material	AC Labor	AC Material
UPS	\$28,800	\$7,059,072	\$90,000	\$4,744,893
Cable/Busway/Tray	\$1,516,144	\$2,886,011	\$2,189,832	\$5,698,181
Panels and Breakers	\$19,200	\$193,897	\$131,639	\$2,566,556
Floor PDUs	0	0	\$150,743	\$2,902,632
Rack PDUs	\$36,000	\$1,562,160	\$108,000	\$596,872
Power/Battery Monitoring	0	\$100,000	\$0	\$800,000
<b>Total</b>	<b>\$1,600,144</b>	<b>\$11,801,140</b>	<b>\$2,670,214</b>	<b>\$17,309,135</b>
<b>Total Labor+Material</b>		<b>\$13,401,283</b>		<b>\$19,979,349</b>

Notes: Material costs include shipping, G&A, equip rental, tax, 20% markup

## Digital Electricity (DE)



## Traditional AC

