



Cost to replace Big Stone Plant

- Assumptions –

- 475 MW combined cycle natural gas
- 80% capacity factor for new CC
- Retirement date for BSP: 2025
- 5-year recovery period for remaining net book value



Cost to replace Big Stone Plant

	<u>(Millions)</u>
• Annual capital cost – new CC	\$38.4
• Annual marginal fuel cost	\$17.9
• Annual recovery of remaining BSP net plant	<u>\$35.8</u>
Total	\$92.1
Approx. % increase in rev. req.	19.8%
Approx. annual rate impact to SD residential customer (1,000 kwh)	\$200