

Lower St. Anthony Falls Hydroelectric Project FERC #12451

Spaulding Consultants LLC is in the initial phase of seeking a Federal Energy Regulatory License to build and operate a hydroelectric plant at Lower St. Anthony Falls.

Project Benefits:

- 59,000,000 kWh of Renewable Energy – equivalent to the energy needs of 18,000 residents or approximately 30% of the City of Minneapolis’ energy use (City energy use approximately \$11 million annually).
- Greenhouse gas savings equivalent to 13,000 autos – **63,327 Tons**

Effect on Air Emissions for 10 MW Hydropower Facility	
Pollutant	Emission Reduction (tons)
Sulfur oxides	155
Nitrogen oxides	117
Carbon monoxide	28
Carbon dioxide (CO2)	63,327
VOC	3
Particulate matter	25
TOTAL REDUCTION (TONS)	328
	(POUNDS) 656,000