

Winner: Excellence in Service Delivery

District of Hudson's Hope – Hudson's Hope Solar Project

The Hudson's Hope Solar Project takes advantage of the BC Hydro Grid-Tie Net Metering Program, which allows customers to generate some of their own electricity while still allowing for regular electrical provision from BC Hydro. This initiative resulted in the installation of 1,550 solar panels at nine different municipal sites, with a total generating capacity of 500 kilowatts.



The solar electricity generated by the solar panels first powers the specific sites themselves (including municipal buildings and a sewer treatment system), with excess power fed into the BC Hydro grid and recorded as a credit applied to the District's electrical account.

With Hudson's Hope's electrical bill roughly tripling between the years 2000 and 2017, they conservatively estimate savings of \$75,000 per year and \$3 million over 30 years with the new solar-electric infrastructure in place – funds that can be redirected to other public projects and services.

The project is fundamentally community-driven. It was initiated by a resourceful local resident, built and installed by two locally-based companies, and worked on by seven local high school students, at least one of whom is now considering a career in the emerging industry of renewable energy. The electricity generation data for each site is also presented on a publicly viewable 'kiosk' screen, making the project accessible and education for all members of the community.



The Excellence in Service Delivery category acknowledges UBCM members that provide effective service delivery in a proactive manner, demonstrate benefit to the community, and utilize performance measures, benchmarks and standards to ensure sustainable service provision.