

Table 1 – Core programs and anticipated costs, benefits and results

Program	Cost	Benefits/Anticipated results
Distribution system improvements	900,000	Annual energy savings of about 900 MWh over 30 years for an average cost of about 0.07 \$/kWh.
General services smart metering	50,000	70 additional meters installed.
Key accounts seminar series	20,000	Anticipate 20-50 customers informed of opportunities, and motivated to act on them, also provide input to future DCDM programs.
Residential water heating load management system	90,000	Ability to control approximately 3000 residential water heaters, representing about 5 MW of demand load, newly trained staff to operate program, upgraded software and hardware.
Low income retrofit program	100,000	Reduced vulnerability of low income customers to electricity costs.
Customer outreach	10,000	Increased access and awareness of customers to existing information tools that can assist them in reducing their electricity use and peak demand. Possible updating of information materials developed by LDCs who are members of NEPPA.
Technology and program research	25,000	Reduced barrier to landfill gas recovery program, increased understanding of implications of embedded/distributed generation for Brantford Power, 3-4 MW capacity.
Planning administration and monitoring	20,000	Coordinated plan for moving forward, and traceable results.
Total for core programs	1,215,000	

Table 2 – Supplemental programs and anticipated costs, benefits and results

Program	Cost	Benefits/Anticipated results
LED Christmas light demonstration program	15,000	Demonstration showcase, promotion of benefits to businesses and residences.
LED Christmas light incentive program	50,000	Incent the purchase of 6000 strings of LED lights representing savings of more than 400,000 kWh/a over 5 years, and peak reduction of about 400 kW at an average cost to Brantford Power of 0.03 \$/kWh.
Traffic light LED program	49,000	Upgrade 7 intersections and 2 flashing beacons on Wayne Gretzky Parkway for annual savings of 86,700 kWh over six years at a cost of 0.11 \$/kWh.
Room air conditioner program	50,000	Upgrade more than 400 RACs to EnergyStar® standards for savings of approximately 1,350,000 kWh over 15 years at an average cost of 0.04 \$/kWh, proper disposal of out-of-service units, reduction of summer peak by about 350 kW.
Cool Shops Brantford	30,000	Inexpensive efficiency upgrades for small stores, increased competitiveness of small stores, new marketing opportunity for participants.
Accelerated general service smart metering	50,000	An additional 70 smart meters installed.
Memberships and sponsorships	10,000	Brantford Power to maintain leading edge knowledge of DCDM opportunities, and encouragement of knowledge development or transfer to customers.
Total for programs that will be selected	125,000	