

IT PAYS TO MAKE YOUR DATA CENTRE MORE ENERGY EFFICIENT

WE'LL HELP FUND DATA CENTRE IMPROVEMENTS THAT REDUCE ELECTRICITY USE

The Data Centre Incentive Program (DCIP) can give companies a financial incentive of up to \$800 for every peak kilowatt reduction or \$0.10 per kWh, up to 50% of the total project cost. The incentive will lower your investment cost and payback period plus provide ongoing energy and environmental savings.

TAKE ADVANTAGE OF INCENTIVES, PLUS IMPROVE OPERATIONS AND EFFICIENCY

The cost of electricity is a major component in running a data centre. Toronto Hydro and PowerStream provide significant financial incentives for data centre improvements that result in electricity usage reductions. You can decrease operating and energy costs while gaining computing power and efficiency.



Reduce power consumption through operational and planning actions such as:

- Virtualization
- Consolidation
- Standardization
- Right-sizing
- Energy-efficient equipment
- Design

POTENTIAL DCIP BENEFITS:

FINANCIAL

- Enhanced ROI in year one
- Ongoing cost savings - electricity bills can be reduced by as much as 30%
- Operating cost savings - reduced costs with more efficient equipment and design
- Cost avoidance with more efficient use of IT equipment

OPERATIONAL

- Smaller equipment footprint
- Increased electrical capacity
- Improved reliability and manageability

CORPORATE RESPONSIBILITY

- Reduced environmental footprint
- Exposure for your company to showcase “green” initiatives
- Reduced strain on electricity grid

EXAMPLES OF DCIP PROJECTS:

- Computer systems
- Server technology
- Storage devices
- Power management and efficiency
- HVAC and air flow systems
- Fans and motors
- Fire suppression / high-security systems
- Power supplies and internet connections
- Controls and management
- Floor layout, lighting and envelope measures

TYPICAL PROJECT RESULTS:

CONSOLIDATING YOUR SERVERS

Replacing ten conventional servers under moderate conditions with one new host server can save approximately four kilowatts. This example would result in approximately \$2,000 in electricity savings per year and be eligible for a \$3,200 incentive from DCIP (approximately \$320 per server removed).

REDUCING YOUR ELECTRICITY DEMAND

Depending on your configuration, it's possible to save up to 30% in electricity use in your data centre. If your data centre's peak electricity demand is 100 kilowatts, operating 8,760 hrs/yr and you reduce your use by 30%, you could save approximately \$20,000 per year and be eligible for a DCIP incentive of approximately \$26,000.*

CONTACT US TODAY:

Engage us before you begin your project to ensure you can take advantage of our incentives. The process administered by Toronto Hydro and PowerStream is simple and we'll work with you to see how your data centre can benefit from DCIP.

Toronto Hydro

Tel: 416.542.3388

Email: dcip@torontohydro.com

torontohydro.com/dcip

PowerStream

Tel: 905.532.4427

Email: datacentre@powerstream.ca

powerstream.ca/datacentre

For full terms and conditions and eligibility requirements, visit www.torontohydro.com/dcip or www.powerstream.ca/datacentre

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*Incentives are paid up to 50% of total project cost.



Mixed Sources

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every kilowatt counts