Data Center Efficiency Program Application

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Section 1. Applicant Information

Facility Name:	Contact Person:
Address 1	E-mail:
Address 2	Phone ( ) Fax ( )
City State Zip	Federal ID # ☐☐–☐☐☐☐☐☐☐

Section 2. Facility Information

Size (square feet) Number of Racks/Servers	If New Construction or gut rehab, area being developed (sqft)
Electric Account Number	Annual Electricity Usage $ kWh kW
Gas Account Number	Annual Natural Gas Usage $ DTH
Other Energy Usage Type $ Units (specify)	
Have you ever Benchmarked your facility ❑ Yes ❑ No	If so, did you use Portfolio Manager, or other? ❑ Yes ❑ No
If so, please provide any information available below:	
Energy Density (watts per sqft) PUE (if known) Portfolio Manager/Other Rating	

Section 3. Energy Needs

Please check one: ❑ Equipment Installation, Retrofit or Commissioning ❑ New Construction or Gut-Rehab ❑ Study or Audit

Do you have an Energy Consultant? ❑ Yes ❑ No	Would you like to review a list of suggested consultants? ❑ Yes ❑ No

Please indicate your current energy focus. If you have a list of energy projects that are under development, please attach it to your application.

Facility ❑ Cooling ❑ Airflow Management ❑ Humidification ❑ VFDs ❑ Lighting ❑ Other	IT ❑ Virtualization ❑ Power Management Strategies ❑ Server Refresh ❑ Telecom Switch Upgrade ❑ Storage Consolidation ❑ Other
Estimated Project Budget (If known) $ ❑ Do not know	Estimated Energy Savings kWh ❑ Do not know

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Section 3. Energy Needs (continued)

Please provide a brief description of the project or study you are interested in implementing.

Section 4. Wish List

If you do not have a specific project in mind, but you do have certain needs, please check the appropriate area(s) that need attention:

- ❑ We need a comprehensive energy audit for the data center
- ❑ We need to benchmark our data center
- ❑ We need to develop a carbon reduction plan or a master plan
- ❑ We need a CFD analysis to find hot spots in data center
- ❑ We need to add VFDs to our cooling systems
- ❑ We want to implement in-rack cooling
- ❑ We want to implement free cooling
- ❑ We want to reconfigure data center to use hot-aisle/cold aisle configuration
- ❑ We need new energy efficient lighting
- ❑ We have aging chillers/CRAC/CRAH units
- ❑ We think that there are inactive servers
- ❑ We need new servers
- ❑ We need to implement virtualization
- ❑ We need to meter data center energy consumption
- ❑ We need more capacity (electricity)
- ❑ We need more capacity (computing/storage)
- ❑ We know the data center energy consumption but need to meter
- ❑ We need a BMS or a system that allows monitoring and control of data center energy use of individual components (i.e. servers, CRAC units, etc.) energy use
- ❑ Our monitoring system is outdated, not working properly, or does not exist

Section 5. Contractor Information - If you have hired a contractor to perform the study or implement the project, please complete the section below

If you do not have a contractor, please check this box ❑

Contractor Name:	Contact Person:
Address 1	E-mail:
Address 2	Phone ( ) Fax ( )
City State Zip	Federal ID # —

For more information about this program, please contact your Con Edison Representative or call NYSERDA at **1-212-701-7222** or visit us at **nyserda.org/data-centers** or **coned.com/energyefficiency**

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