Data Center Facility Operating Costs — survey instructions

One of the best ways to justify additional funding for data center operations is by using benchmark results to demonstrate the need for additional resources. This survey will allow you to benchmark your operating costs against other data centers. **The deadline for all survey responses is June 14, 2018.** Please email the completed survey form to ed.sullivan@tradepressmedia.com or fax it to 414.228.1134, attn: Edward Sullivan. Please complete all questions. If you are responsible for multiple data centers, please submit a separate form for each data center you wish to benchmark. Please submit cost data based on actual total year expenses in each cost category for the most recently completed full calendar year (2017) or the most recently completed fiscal year. Survey input should only include costs associated with data center maintenance.

Costs to be excluded from this survey are:
• Security and security staff costs
• Network cabling installation/de-installation
• Landscaping, grounds, parking areas, snow removal, etc.
• Office area janitorial
• Rent
• Depreciation
• Property tax
• Insurance

Costs to be included:

Utility
• Electric utility
• Water, sewage, gas, fuel, and other utilities
Staff
• Facilities operations and maintenance staff and related overhead (benefits, etc.) for anyone who works in your data center on a daily basis (as part of your payroll or an outsourced provider) — include those dedicated 100 percent to the data center as well as the applicable portion of an individual's cost if they also support other functions (including managers)
Contracts
• All electrical system preventive maintenance/repair contracts
• All mechanical system preventive maintenance/repair contracts
• All fire detection/ suppression system preventive maintenance/repair contracts
• All BMS/BAS/EPMS, etc. alarm and monitoring system preventive maintenance/repair contracts
All other maintenance
• Power cabling installation/de-installation
• Floor tile cutting and installation/de-installation
• General (painting, repairs, lighting replacement,etc.): interior and exterior
• Raised floor and sub-floor cleaning

• Safety, procedures, and training programs

For those with "stand-alone" data centers, actual costs should be input.

For those with data centers in "shared" facilities (electrical and/or mechanical plant is shared with part of an office or other purpose building), please use data center actual costs in each cost category possible on the survey form. For any you cannot determine, use the same percentage as the data center's portion of your total electric utility cost. (If you do not meter data center electrical usage separately, your utility representative can help you determine data center usage by multiplying your total data center UPS load in kW by your cost per kWh x 8,760 hours.)

Survey participants will receive a spread sheet showing anonymized answers from all respondents. All survey responses will remain confidential (no site or company name will accompany the data in the report). The list of companies participating will be shared separately.

If you have any questions about the survey, please contact David Boston (DBoston@tiepoint-bkm.com) or Ed Sullivan (ed.sullivan@tradepressmedia.com).

Data Center Facility Operating Costs — survey questions

1. Data center facility type:
___ Stand-alone
___ Shared

2. What industry is your organization in? (e.g., finance, higher education, retail, etc.)
_____

3. Average cost per kilowatt hour for electricity: _____
(Average cost per kilowatt-hour is available from your utility company if it is not clearly stated on your bill. Please provide cents + tenths [3 decimal places]: e.g., 5.5 cents = $.055. The range is generally .035 to .220)

4. Number of data center facility operations/maintenance in-house and outsourced employees who work at your data center facility each week (all shifts combined):
a. _____ full time in-house employees
b. _____ full time outsourced employees

5. Year data center was constructed: _____

6. Total data center UPS load in kW: _____
(The highest reading recorded for the last month of your most recently completed fiscal year in kW, not KVA.)

7. Total data center UPS capacity in kW: _____
(Total rated capacity in kW including the redundant modules. Please add the capacity for all modules in your data center facility together. Do not list the number of modules. The total capacity is important because money has to be spent maintaining all modules.)

8. 2017* data center "utility" costs (as shown on utility bills):
a. Electric _____
b. Other (e.g., water, sewage) _____

9. 2017* total data center facilities "staff" costs: _____

10. 2017* total data center costs for "contracted services" _____

11. 2017* total data center costs for "all other maintenance:" _____

* or most recently completed fiscal year

(survey continues on next page)

Please list any special conditions or considerations:

_____
_____
_____
_____
_____

Company name: _____

Please provide your email address and/or phone number so that we can contact you about any questions with your responses.

Email: _____

Phone: _____