



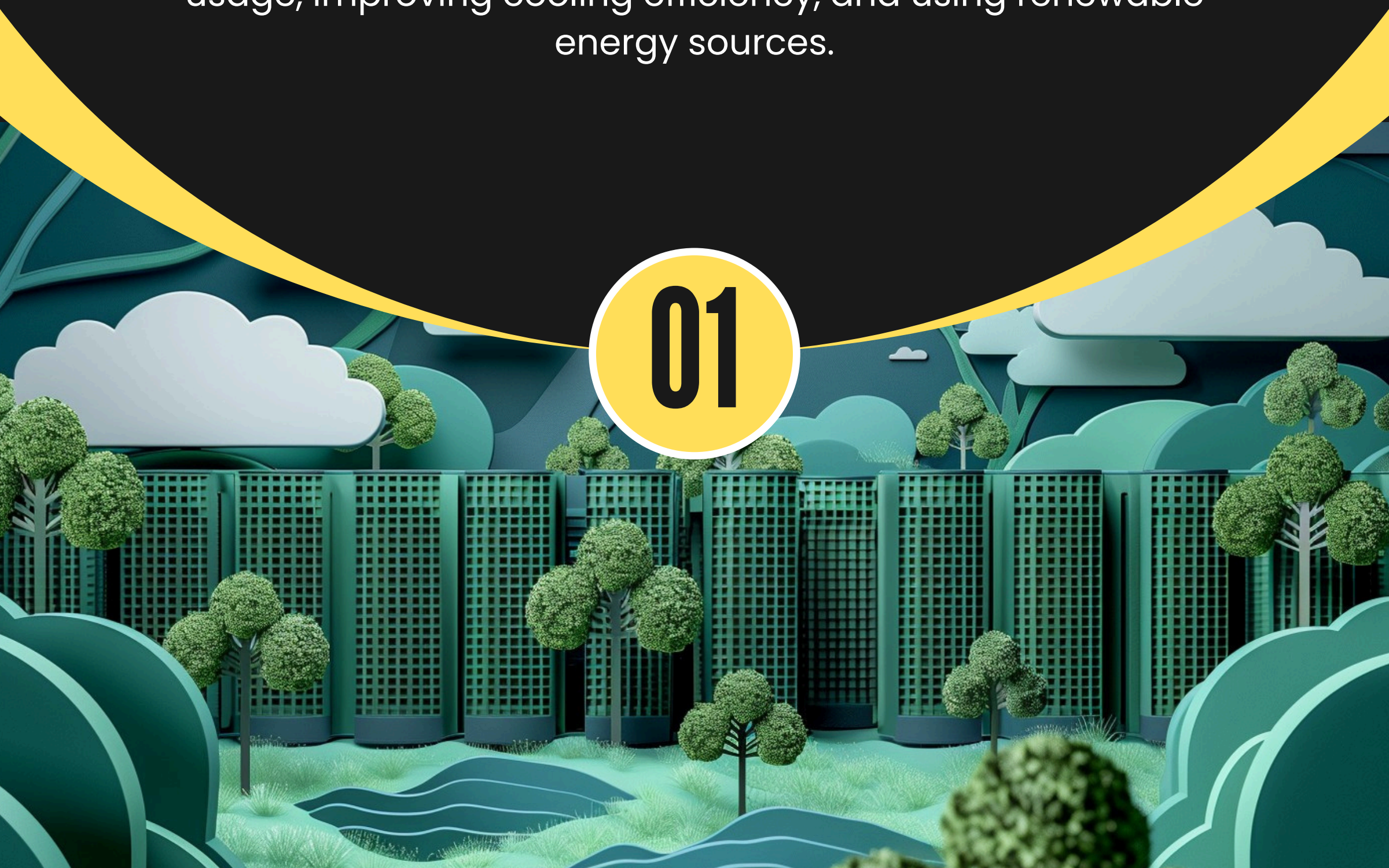
**THE EVOLVING LANDSCAPE OF  
DATA CENTER MANAGEMENT  
IN 2024.**



# SUSTAINABILITY AND ENERGY EFFICIENCY.

Data centers are adopting more sustainable practices with the growing focus on reducing energy consumption and greenhouse gas emissions. This includes optimizing power usage, improving cooling efficiency, and using renewable energy sources.

01







02

# DATA SOVEREIGNTY AND DISTRIBUTED DATA MANAGEMENT.

The concept of data anti-gravity, where data remains distributed across regional and cloud boundaries, is gaining traction. Rising costs of data replication, data sovereignty laws, and the need for accelerated insights are driving this trend.



# HYBRID AND MULTI-CLOUD STRATEGIES

Organizations are increasingly adopting hybrid and multi-cloud strategies to balance cost, performance, and security. Effective cloud cost management and the integration of financial operations (FinOps) are becoming essential to manage the escalating expenses associated with cloud services.







04

# AUTOMATION AND REMOTE MANAGEMENT.

The shift towards remote management and automation is reducing the need for on-site staff and enabling more efficient operations. This trend is creating new roles and opportunities in remote monitoring and management.

# ARTIFICIAL INTELLIGENCE (AI) AND PREDICTIVE ANALYTICS.

AI is revolutionizing data center operations by enabling predictive maintenance and enhancing security. Predictive analytics help in anticipating potential issues before they occur, reducing downtime and improving overall resilience.

05

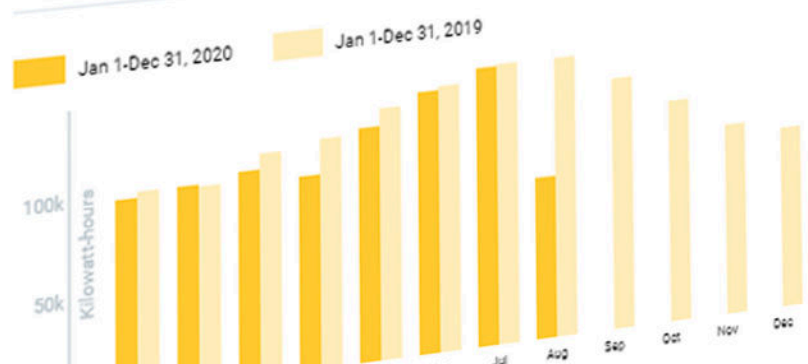
Total Elec



Jan 1-Dec 31, 2020: \$11,645  
Jan 1-Dec 31, 2019: \$22,127  
Difference: ↓ 47.37%

Jan 1-Dec 31, 2020: \$854  
Jan 1-Dec 31, 2019: \$5,397  
Difference: ↓ 84.18%

Total Electricity Y-o-Y / 2020 compared to 2019



Total Natural Gas Y-o-Y



Total Water Usage Y-o-Y / 2020 compared to 2019







# STAY AHEAD IN THE EVOLVING LANDSCAPE OF DATA CENTER MANAGEMENT.

If you are looking to navigate the complexities of modern data center infrastructure, consider Nlyte Software. Nlyte's comprehensive DCIM tools are essential for managing high-density workloads, optimizing energy use, and ensuring compliance with the latest environmental regulations. Our expertise can help you transform your data center operations into more resilient, efficient, and sustainable ones.

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