

ESTABLISHING THE DANE COUNTY ADVISORY COMMITTEE ON DATA CENTERS

Across the Midwest, technology companies and investment firms are making unprecedented investments in large “hyperscale” data centers, designed to support the rapid growth of artificial intelligence, cloud computing, and digital commerce. These facilities—often housed in massive buildings hundreds of thousands of square feet in size and clustered on “campuses” spanning hundreds of acres—require extraordinary levels of electrical power and cooling infrastructure, among other resources.

Several large data center projects have already been announced or are under consideration within Wisconsin, including in Port Washington, Mount Pleasant, Menomonie, and the Town of Vienna in Dane County. Similar proposals are emerging across the region, spurring important conversations within the communities about their relative merits and impacts, and highlighting the need for comprehensive and reliable information on which communities can base their decision making. These important and potentially irreversible development decisions need to be based on sound, factual information, and communities need to be equipped with an understanding of what decisions are within their power when responding to proposals for data center developments.

These developments promise potential benefits but at the same time, they raise complex questions about sustainability, resource use, impacts on ratepayers, and community compatibility, among other issues. Hyperscale data centers are among the most energy-intensive types of land use, drawing hundreds of megawatts of power and potentially requiring large volumes of water for cooling. The scale of such facilities also raises the question of whether they will necessitate significant new electrical infrastructure, including new generation facilities, large substations, and high-voltage transmission lines, each with its own land use, aesthetic, and environmental impacts.

Dane County consistently ranks among the most agriculturally productive counties in Wisconsin and the nation. Dane County farms contribute significantly to the state’s economy and food system. Rural landscapes and agricultural heritage are defining elements of Dane County history and identity. The county has been a state leader in farmland preservation, resource protection, and comprehensive planning, adopting policies that emphasize compact growth, intergovernmental cooperation, and the stewardship of land and water resources.

Given these Dane County values and longstanding commitments, the question of whether—and under what circumstances—hyperscale data centers should be located within Dane County warrants careful study. It is therefore necessary and prudent to establish an advisory body to research the issue and provide the Dane County communities and the County Board with findings and policy recommendations that will inform thoughtful, data-driven decisions on this issue.

NOW, THEREFORE, BE IT RESOLVED that the Dane County Board of Supervisors hereby establishes a Dane County Advisory Committee on Data Centers for the purpose of impartial fact-finding, researching, analyzing, and providing recommendations regarding the economic, environmental, and community implications of data center development within Dane County.

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52 BE IT FURTHER RESOLVED that the Advisory Committee shall examine and report on
53 issues, including, but not limited to:

- 54 1. Energy consumption and emissions impacts, including potential impacts on local
55 utilities, ratepayers, and Dane County's air quality, climate action, and carbon-
56 reduction goals;
- 57 2. Electrical transmission and distribution infrastructure, including the potential need
58 for new substations, transmission corridors, and upgrades to existing facilities,
59 and the associated impacts on reliability, land use, ratepayers, and the
60 environment;
- 61 3. Water usage, including sources, sustainability, impacts to surface or
62 groundwater, impacts to watersheds, and potential competition with municipal,
63 agricultural, and residential water users;
- 64 4. Noise, lighting, and other aesthetic and community character impacts associated
65 with large-scale data centers;
- 66 5. Emergency services and security implications, including capacity of fire-fighting,
67 hazmat, and other public safety services for response to natural and manmade
68 hazards onsite;
- 69 6. Economic and fiscal benefits, including potential tax base growth, employment,
70 and secondary development opportunities;
- 71 7. Land use and environmental compatibility, including potential conversion of
72 farmland and consistency with county plans for rural preservation, natural
73 resource protection, and efficient infrastructure use;
- 74 8. Lifespan of these facilities and considerations and plans for decommissioning
75 them at a future date, given rapidly changing technology;
- 76 9. Intergovernmental relations, including the potential for both competition and
77 cooperation among communities, as well as approaches for consistent evaluation
78 and siting of data centers among the county's towns, cities, and villages;
- 79 10. Regulatory and legal authorities and policy mechanisms through which local units
80 of government can establish and enforce standards and development criteria for
81 these types of proposals; and
- 82 11. Any other relevant issues that arise in the course of the Advisory Committee's
83 work and that bear exploration to inform its comprehensive findings and
84 recommendations.

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86 BE IT FURTHER RESOLVED that as part of its charge, the Advisory Committee shall
87 prepare summary findings and recommendations regarding the development of
88 hyperscale data centers within Dane County, taking into account current and projected
89 energy and water demands, infrastructure needs, and consistency with adopted
90 comprehensive plan goals, farmland preservation policies, and climate objectives.

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92 BE IT FURTHER RESOLVED that the Advisory Committee shall develop and
93 recommend policy and regulatory options for the review and siting of hyperscale data
94 centers, including land use policies, siting criteria, model zoning provisions, overlay
95 districts, or conditional use review standards, ensuring that any such developments align
96 with countywide goals for sustainability and land stewardship.

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98 BE IT FURTHER RESOLVED that the summary findings and recommendations of the
99 Advisory Committee will be made available as a factual, evidence-based resource to
100 Dane County communities, both to inform their understanding of what latitude they have
101 when responding to proposals for data center developments and to provide them with a

comprehensive and useful tool for decision making. The findings and recommendations will also provide policy guidance for Dane County's Planning and Development Department, particularly the Zoning Division.

BE IT FURTHER RESOLVED that the Advisory Committee shall consist of eleven (11) members, appointed by the County Board Chairperson as follows:
Two (2) representatives of Dane County towns, including one from among the six towns that have opted out of Dane County zoning;
Two (2) representatives of the Dane County Cities and Villages Association;
Two (2) members of the Dane County Board of Supervisors;
One (1) representative of a recognized environmental organization;
One (1) member with a background in energy policy or utility regulation;
One (1) member with subject matter expertise in data center development or technology infrastructure;
Two (2) at-large members with a background or demonstrated interest in land use, environmental planning, sustainable development, and agricultural or farmland preservation.

BE IT FURTHER RESOLVED that the County Department of Planning & Development shall provide staff support for the task force with assistance from the Corporation Counsel and others as needed.

BE IT FURTHER RESOLVED that the members of the task force be paid per diems and mileage, as set forth by Dane County Ordinance.

BE IT FURTHER RESOLVED that the Advisory Committee shall convene within 60 days of adoption of this resolution and shall hold at least two (2) public hearings at times designated by the committee as appropriate points in the process—one hearing for presentation of findings relative to the items enumerated on lines 55-85 of this resolution, with a timeline for feedback on the findings, and a second hearing for presentation of final recommendations and resources for communities.

BE IT FINALLY RESOLVED that the Advisory Committee shall provide a final written report of its findings and recommendations to Dane County communities and the Dane County Board of Supervisors within twelve (12) months of its first meeting.