

1 By Supervisors Nicholson, Capriolo, Johnson Jr.,
2 Martinez, O'Connor, Shea, Vincent, Wasserman, Logsdon,
3 Coggs-Jones, Taylor (5), Rolland, Martin, Eckblad, and Gómez-Tom

File No. 24-566

4
5
6
7 **AN ENGROSSED RESOLUTION**

8
9 Supporting the expansion of solar energy production at the new Marcia P. Coggs Health
10 and Human Services Center parking lots to fully offset its electricity usage and directing
11 the Department of Administrative Services-Facilities Management Division to provide a
12 report on the cost of this initiative and recommended funding source
13

14
15 WHEREAS, on April 22, 2021, the Milwaukee County Board of Supervisors
16 unanimously adopted File No. 21-389 committing Milwaukee County to becoming
17 carbon neutral by 2050 and requesting the Director of Sustainability, Department of
18 Administrative Services, develop and administer a strategic plan to achieve carbon
19 neutrality in Milwaukee County facilities and operations by 2050; and
20

21 WHEREAS, File No. 21-770, reviewed by the County Board in September 2021,
22 developed a Climate Action 2050 or "CA50 Framework" of guiding principles and a
23 roadmap for Milwaukee County to achieve carbon neutral facilities and operations by
24 2050; and
25

26 WHEREAS, one of the guiding principles was to "increase the County's use of
27 clean energy from renewable sources such as solar or wind"; and
28

29 WHEREAS, on December 21, 2023, the County Board unanimously adopted a
30 resolution requesting an informational report no later than the March 2024 meeting
31 cycle that studies the potential addition of solar photovoltaic system(s) to the new
32 Coggs Building Project parking lot for the generation of electricity; and
33

34 WHEREAS, the Committee on Finance at its meeting on March 14, 2024
35 reviewed File No. 24-337, the follow up report on the addition of solar photovoltaic
36 system(s) to the new Coggs Building Project parking lot for the generation of electricity;
37 and
38

39 WHEREAS, it was reported the current plan for the new facility are to incorporate
40 solar panels onto the roof of the building, which is estimated to generate approximately
41 12 percent of the building's electrical needs; and
42

43 WHEREAS, the feasibility study of adding surface parking (raised canopies)
44 Solar Photovoltaic (PV) to the building project would require 27,200 square feet of high
45 efficiency panels to generate approximately 632 megawatt hours which, combined

46 would the rooftop solar panels, could fully cover the electrical needs of the new building
47 with solar power; and

48 WHEREAS, the preliminary analysis indicates the cost of adding the surface
49 parking solar panels would range from \$2.2 to \$3.3 million with a payback period of 25
50 to 38 years, but could be 17 to 26 years if certain tax credits were obtained; and

51
52 WHEREAS, this is a critical moment in the building of the new Marcia P. Coggs
53 Health and Human Services Center and a unique opportunity to demonstrate Milwaukee
54 County's commitment to achieve carbon neutrality by 2050; and

55
56 WHEREAS, the Committee on Community, Environment, and Economic
57 Development, at its meeting of June 10, 2024, recommended adoption of
58 File No. 24-566 (vote 5-0); now, therefore,

59
60 BE IT RESOLVED, the Milwaukee County Board of Supervisors hereby supports
61 the expansion of solar energy production to offset 100 percent of the **energy electricity**
62 consumption at the new Marcia P. Coggs Health and Human Services Center; and

63
64 **BE IT RESOLVED, that the Department of Administrative Services (DAS),**
65 **working in conjunction with other departments and stakeholders, is requested to**
66 **develop a comprehensive solar energy strategy for Milwaukee County to help**
67 **position Milwaukee County as a leader in sustainable energy, driving significant**
68 **progress toward a carbon-neutral future. This strategy shall:**

- 69
70 1. **Identify locations and methodologies for potential solar energy projects,**
71 **either as part of new construction, a major renovation, or facility energy**
72 **retrofit.**
73
74 2. **Develop a detailed and consistent return on investment (ROI)**
75 **analysis/framework that can be applied to any potential solar project.**
76
77 3. **Compare solar opportunities based on environmental impact,**
78 **cost-effectiveness, and available incentives which align with Milwaukee**
79 **County's goal of achieving carbon neutrality by 2050.**

80
81 **; and**
82

83 BE IT FURTHER RESOLVED, the Director of Facilities Planning and
84 Development, Department of Administrative Services, Facilities Management Division,
85 working in conjunction with the Budget Director and Comptroller, is requested to provide
86 an estimated project cost and prepare a recommendation identifying funding sources to
87 allow the installation of expanded solar photovoltaic system(s) at the new Coggs
88 Building Project parking lot; and

89

90 BE IT FURTHER RESOLVED, a recommendation to the County Board on the
91 expansion of solar energy production to offset 100 percent of the electricity
92 consumption at the new Marcia P. Coggs Health and Human Services Center shall
93 be made for consideration and possible action ~~as soon as practical, but~~ no later than
94 the September 2024 meeting cycle., while the comprehensive solar plan should be
95 presented no later than the December 2024 meeting cycle.
96

97
98 06/10/24
99 s:\committees\2024\june\ceed\resolutions\24-566 coggs parking lot solar.docx