

§ 185-46.4 Small and Medium-Scale Ground-Mounted Solar Photovoltaic Systems

A. Purpose and Intent

- (1) The purpose of this Bylaw is to promote and regulate the installation and use of Small and Medium-Scale Ground-Mounted Solar Photovoltaic Systems within the community. The purpose of this section is to establish standards for permitting, placement, design, construction, operation, monitoring, modification and removal of such installations; while protecting public safety; protecting against undesirable impacts on residential property and neighborhoods; protecting scenic, natural and historic resources; and protecting or providing for wildlife corridors. Dover intends to promote the creation of energy systems per M.G.L. c. 40A, § 3 while meeting initiatives for a sustainable community.

B. Definitions

SMALL-SCALE GROUND-MOUNTED SOLAR PHOTOVOLTAIC SYSTEM

A solar photovoltaic system that is structurally mounted on the ground and is not roof-mounted and has a maximum rated nameplate capacity of 10 kW DC.

MEDIUM-SCALE GROUND-MOUNTED SOLAR PHOTOVOLTAIC SYSTEM

A solar photovoltaic system that is structurally mounted on the ground, is not roof-mounted, and has a minimum rated nameplate capacity of 11 kW DC and a maximum rated nameplate capacity of 249 kW DC.

C. Applicability

- (1) The construction and operation of all proposed Small and Medium-Scale Ground-Mounted Solar Photovoltaic Systems shall be consistent with all applicable local, state and federal requirements, including but not limited to all applicable safety, construction, electrical, communications, and stormwater and erosion control regulations.
- (2) All buildings and structures forming part of a Small and Medium-Scale Ground-Mounted Solar Photovoltaic System shall be constructed per the State Building Code and approved by the Building Inspector.

D. Design Standards

- (1) The Planning Board may adopt regulations providing reasonable design standards for Small and Medium-Scale Ground-Mounted Solar Photovoltaic Systems constructed under M.G.L. c. 40A, § 3. The standards shall not be more restrictive than those applied to other structures.
- (2) The Planning Board may adopt regulations providing for the maintenance and eventual removal of a Small and Medium-Scale Ground-Mounted Solar Photovoltaic System and securing the performance thereof.
- (3) Small and Medium-Scale Ground-Mounted Solar Photovoltaic Systems shall be subject to Site Plan Review under § 185-36.
- (4) The permit granting authorities may waive any standards in this Bylaw that are not reasonable as applied in a particular case or which effectively prohibits the

protected use of Small and Medium-Scale Ground-Mounted Solar Photovoltaic Systems.

§ 185-10 Schedule of Use Regulations

USE		R	R-1	R-2	C	O	B	M	M-P	R-M	Site Plan
39.	Small and Medium-Scale ground mounted solar photovoltaic arrays	A	A	A	X	A	A	A	A	A	R