

nities, including in applications relating to—

- (i) desalination;
- (ii) disaster recovery and resilience; and
- (iii) community microgrids in isolated power systems.

**(b) Study of non-power sector applications for advanced marine energy technologies**

**(1) In general**

The Secretary, in consultation with the Secretary of Transportation and the Secretary of Commerce, shall conduct a study to examine opportunities for research and development in advanced marine energy technologies for non-power sector applications, including applications with respect to—

- (A) the maritime transportation sector;
- (B) associated maritime energy infrastructure, including infrastructure that serves ports, to improve system resilience and disaster recovery; and
- (C) enabling scientific missions at sea and in extreme environments, including the Arctic.

**(2) Report**

Not later than 1 year after December 27, 2020, the Secretary shall submit to the Committee on Energy and Natural Resources of the Senate and the Committee on Science, Space, and Technology of the House of Representatives a report that describes the results of the study conducted under paragraph (1).

(Pub. L. 110-140, title VI, §635, as added Pub. L. 116-260, div. Z, title III, §3001(a), Dec. 27, 2020, 134 Stat. 2482.)

**Editorial Notes**

**PRIOR PROVISIONS**

A prior section 17214, Pub. L. 110-140, title VI, §635, Dec. 19, 2007, 121 Stat. 1688, related to applicability of other laws, prior to the general amendment of this part by Pub. L. 116-260.

**§ 17215. National Marine Energy Centers**

**(a) In general**

The Secretary shall award grants, each such grant up to \$10,000,000 per year, to institutions of higher education (or consortia thereof) for—

- (1) the continuation and expansion of the research, development, demonstration, testing, and commercial application activities at the National Marine Energy Centers (referred to in this section as “Centers”) established as of January 1, 2020; and
- (2) the establishment of new National Marine Energy Centers.

**(b) Location selection**

In selecting institutions of higher education for new Centers, the Secretary shall consider the following criteria:

- (1) Whether the institution hosts an existing marine energy research and development program.
- (2) Whether the institution has proven technical expertise to support marine energy research.
- (3) Whether the institution has access to marine resources.

**(c) Purposes**

The Centers shall coordinate among themselves, the Department, and National Laboratories to—

- (1) advance research, development, demonstration, and commercial application of marine energy technologies in response to industry and commercial needs;
- (2) support in-water testing and demonstration of marine energy technologies, including facilities capable of testing—
  - (A) marine energy systems of various technology readiness levels and scales;
  - (B) a variety of technologies in multiple test berths at a single location;
  - (C) arrays of technology devices; and
  - (D) interconnectivity to an electrical grid, including microgrids; and
- (3) collect and disseminate information on best practices in all areas relating to developing and managing marine energy resources and energy systems.

**(d) Coordination**

To the extent practicable, the Centers shall coordinate their activities with the Secretary of Commerce, acting through the Undersecretary of Commerce for Oceans and Atmosphere, and other relevant Federal agencies.

**(e) Termination**

To the extent otherwise authorized by law, the Secretary may terminate funding for a Center described in paragraph (a) if such Center is under-performing.

(Pub. L. 110-140, title VI, §636, as added Pub. L. 116-260, div. Z, title III, §3001(a), Dec. 27, 2020, 134 Stat. 2484.)

**Editorial Notes**

**PRIOR PROVISIONS**

A prior section 17215, Pub. L. 110-140, title VI, §636, Dec. 19, 2007, 121 Stat. 1688, related to authorization of appropriations, prior to the general amendment of this part by Pub. L. 116-260.

**§ 17216. Organization and administration of programs**

**(a) Coordination**

In carrying out this part, the Secretary shall coordinate activities, and effectively manage cross-cutting research priorities across programs of the Department and other relevant Federal agencies, including the National Laboratories and the National Marine Energy Centers.

**(b) Collaboration**

**(1) In general**

In carrying out this part, the Secretary shall collaborate with industry, National Laboratories, other relevant Federal agencies, institutions of higher education, including Minority Serving Institutions, National Marine Energy Centers, Tribal entities, including Alaska Native Corporations, and international bodies with relevant scientific and technical expertise.

**(2) Participation**

To the extent practicable, the Secretary shall encourage research projects that pro-