

AMENDMENT NO. _____ Calendar No. _____

Purpose: To require the Secretary of Energy to submit a report assessing climate solutions through digital tools and platforms.

IN THE SENATE OF THE UNITED STATES—117th Cong., 1st Sess.

S. _____

To invest in the energy and outdoor infrastructure of the United States to deploy new and innovative technologies, update existing infrastructure to be reliable and resilient, and secure energy infrastructure against physical and cyber threats, and for other purposes.

Referred to the Committee on _____ and
ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT intended to be proposed by Mr. CASSIDY

Viz:

1 At the end of subtitle C of title IV, add the following:

2 **SEC. 42 ____ . DIGITAL CLIMATE SOLUTIONS REPORT.**

3 (a) IN GENERAL.—Not later than 1 year after the
4 date of enactment of this Act, the Secretary, in consulta-
5 tion with appropriate Federal agencies and relevant stake-
6 holders, shall submit to the Committee on Energy and
7 Natural Resources of the Senate and the Committee on
8 Energy and Commerce of the House of Representatives
9 a report that assesses using digital tools and platforms
10 as climate solutions, including—

- 1 (1) artificial intelligence and machine learning;
- 2 (2) blockchain technologies and distributed
- 3 ledgers;
- 4 (3) crowdsourcing platforms;
- 5 (4) the Internet of Things;
- 6 (5) distributed computing for the grid; and
- 7 (6) software and systems.

8 (b) CONTENTS.—The report required under sub-

9 section (a) shall include—

- 10 (1) as practicable, a full inventory and assess-
- 11 ment of digital climate solutions;
- 12 (2) an analysis of how the private sector can
- 13 utilize the digital tools and platforms included in the
- 14 inventory under paragraph (1) to accelerate digital
- 15 climate solutions; and
- 16 (3) a summary of opportunities to enhance the
- 17 standardization of voluntary and regulatory climate
- 18 disclosure protocols, including enabling the data to
- 19 be disseminated through an application program-
- 20 ming interface that is accessible to the public.