

AMENDMENT TO H.R. 4239

OFFERED BY MR. LOWENTHAL OF CALIFORNIA

Page 31, line 20, strike “47” and insert “48”.

Insert at the end of title II the following:

1 **SEC. 47. TRANSPARENCY IN ENERGY PRODUCTION.**

2 The Mineral Leasing Act is amended by inserting
3 after section 46 (as added by section 205 of this Act) the
4 following new section:

5 **“SEC. 47. TRANSPARENCY IN ENERGY PRODUCTION.**

6 “(a) ONLINE PUBLICATION OF CARBON EMIS-
7 SIONS.—

8 “(1) IN GENERAL.—The Secretary of the Inte-
9 rior shall make available to the public through the
10 Internet—

11 “(A) information that describes for all cov-
12 ered operations—

13 “(i) the aggregate amount of each fos-
14 sil fuel, by type and by State, produced
15 under Federal leases; and

16 “(ii) for gas reported, the portion and
17 source of such amount that was released

1 by each of venting, flaring, and fugitive re-
2 lease;

3 “(B) information that accurately describes
4 the estimated amounts of existing fossil fuel re-
5 sources on Federal lands under lease for the
6 production of fossil fuels, and of Federal lands
7 that have potential for such leasing; and

8 “(C) information that describes the
9 amount and sources of energy, in megawatts,
10 produced from operating solar, wind, and geo-
11 thermal projects on Federal lands under lease
12 for the production of renewable energy.

13 “(2) FORMAT.—Information made available
14 under this section shall be presented in a format
15 that—

16 “(A) translates such amounts and portions
17 into emissions of metric tons of greenhouse
18 gases expressed in carbon-dioxide equivalent
19 using both the 20-year and 100-year Global
20 Warming Potential-weighted emission values;

21 “(B) for energy produced from solar, wind,
22 and geothermal projects, includes an estimate
23 of the greenhouse gas emissions that would re-
24 sult from production of the same amount of en-
25 ergy from fossil fuel resources; and

1 “(C) allows—

2 “(i) downloading in a machine read-
3 able format; and

4 “(ii) accessing the information with-
5 out payment of any fee or other charge.

6 “(3) DATA PUBLICATION FREQUENCY.—The
7 data made available under this section shall be up-
8 dated at least annually.

9 “(b) ACCURATE MEASUREMENT AND REPORTING OF
10 METHANE EMISSIONS FROM FEDERAL LANDS.—

11 “(1) IN GENERAL.—Not later than one year
12 after the date of the enactment of this Act, if the
13 Secretary of the Interior determines that revisions or
14 promulgation of rules are needed to implement sub-
15 section (a) with regard to methane emissions, the
16 Secretary shall initiate a process under the Federal
17 Oil and Gas Royalty Management Act of 1982 (30
18 U.S.C. 1711 et seq.), this Act, or other applicable
19 law to promulgate regulations to require accurate
20 measuring and reporting to the Secretary, by each
21 holder of a lease for the production of fossil fuels on
22 Federal land, of the actual amount of methane gas
23 produced under such lease, including all such gas
24 not sold by or on behalf of the lessee.

1 “(2) REPORTING OF GASES.—The rules shall
2 include requirements for reporting by holders of
3 leases, to the maximum extent possible, the amount
4 and source of all vented, flared, and fugitive releases
5 of gas resulting from the production of fossil fuels
6 from Federal lands.

7 “(c) REPORT TO CONGRESS.—Every 2 years, the
8 Secretary shall submit a report to Congress that in-
9 cludes—

10 “(1) efforts underway by the Department of the
11 Interior to decrease greenhouse gas emissions from
12 covered operations on Federal lands and waters;

13 “(2) plans for future reductions in greenhouse
14 gas emissions from covered operations on Federal
15 lands and waters; and

16 “(3) the amount of greenhouse gas emissions
17 reductions resulting from such efforts and plans that
18 have been observed during the period covered by the
19 report, and the amount of such reductions that are
20 expected in the future.

21 “(d) DEFINITIONS.—In this section:

22 “(1) COVERED OPERATIONS.—The term ‘cov-
23 ered operations’ means all fossil fuel operations that
24 are subject to the mineral leasing laws or title V of
25 the Federal Land Policy and Management Act of

1 1976 (30 U.S.C. 1761 et seq.), regardless of size, in-
2 cluding production, storage, gathering, processing,
3 transportation, and handling operations.

4 “(2) FLARING.—The term ‘flaring’ means the
5 intentional and controlled burning of gas that occurs
6 in the course of oil and gas or coal operations.

7 “(3) FOSSIL FUEL.—The term ‘fossil fuel’
8 means all natural fuels, including oil, natural gas,
9 natural gas liquids, and coal.

10 “(4) FUGITIVE RELEASE.—The term ‘fugitive
11 release’ means the unintentional and uncontrolled
12 release of gas into the atmosphere in the course of
13 oil and gas or coal operations.

14 “(5) GLOBAL WARMING POTENTIAL-WEIGHTED
15 EMISSION.—The term ‘Global Warming Potential-
16 weighted emission’ means the ratio of the time-inte-
17 grated radiative forcing from the instantaneous re-
18 lease of 1 kilogram of a trace substance relative to
19 that of 1 kilogram of carbon dioxide, measured in
20 metric tons of carbon dioxide equivalent for each
21 greenhouse gas according to the most recent, and
22 any subsequent, decisions by the Intergovernmental
23 Panel on Climate Change regarding global warming
24 potentials.

1 “(6) RESOURCES.—The term ‘resources’ means
2 oil, gas, and coal resources, both identified and in-
3 ferred, that are both technically recoverable and eco-
4 nomically recoverable using the range of past, and
5 predicted future, commodity prices.

6 “(7) VENTING.—The term ‘venting’ means the
7 intentional and controlled release of gas into the at-
8 mosphere in the course of oil and gas operations.

9 “(8) PRODUCED AND PRODUCTION.—The terms
10 ‘produced’ and ‘production’ mean extracted, mined,
11 withdrawn, sold, stored, released (including release
12 by venting, flaring, or fugitive release), flared, used
13 for beneficial purposes, or otherwise emitted during
14 production.”.

