

AMENDMENT NO. _____ Calendar No. _____

Purpose: In the nature of a substitute.

IN THE SENATE OF THE UNITED STATES—113th Cong., 1st Sess.

S. 783

To amend the Helium Act to improve helium stewardship,
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 IN THE NATURE OF A SUBSTITUTE intended
to be proposed by _____

Viz:

1 Strike all after the enacting clause and insert the fol-
2 lowing:

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Helium Stewardship
5 Act of 2013”.

6 **SEC. 2. DEFINITIONS.**

7 Section 2 of the Helium Act (50 U.S.C. 167) is
8 amended to read as follows:

9 **“SEC. 2. DEFINITIONS.**

10 “In this Act:

1 “(1) CLIFFSIDE FIELD.—The term ‘Cliffside
2 Field’ means the helium storage reservoir in which
3 the Federal Helium Reserve is stored.

4 “(2) FEDERAL HELIUM PIPELINE.—The term
5 ‘Federal Helium Pipeline’ means the federally owned
6 pipeline system through which the Federal Helium
7 Reserve may be transported.

8 “(3) FEDERAL HELIUM RESERVE.—The term
9 ‘Federal Helium Reserve’ means helium reserves
10 owned by the United States.

11 “(4) FEDERAL HELIUM SYSTEM.—The term
12 ‘Federal Helium System’ means—

13 “(A) the Federal Helium Reserve;

14 “(B) the Cliffside Field;

15 “(C) the Federal Helium Pipeline; and

16 “(D) all other infrastructure owned,
17 leased, or managed under contract by the Sec-
18 retary for the storage, transportation, with-
19 drawal, enrichment, purification, or manage-
20 ment of helium.

21 “(5) FEDERAL USER.—The term ‘Federal user’
22 means a Federal agency or extramural holder of one
23 or more Federal research grants using helium.

24 “(6) LOW-BTU GAS.—The term ‘low-Btu gas’
25 means a fuel gas with a heating value of less than

1 250 Btu per standard cubic foot measured as the
2 higher heating value resulting from the inclusion of
3 noncombustible gases, including nitrogen, helium,
4 argon, and carbon dioxide.

5 “(7) PERSON.—The term ‘person’ means any
6 individual, corporation, partnership, firm, associa-
7 tion, trust, estate, public or private institution, or
8 State or political subdivision.

9 “(8) PRIORITY PIPELINE ACCESS.—The term
10 ‘priority pipeline access’ means the first priority of
11 delivery of crude helium under which the Secretary
12 schedules and ensures the delivery of crude helium
13 to a helium refinery through the Federal Helium
14 System.

15 “(9) QUALIFIED BIDDER.—

16 “(A) IN GENERAL.—The term ‘qualified
17 bidder’ means a person the Secretary deter-
18 mines is seeking to purchase helium for their
19 own use, refining, or redelivery to users.

20 “(B) EXCLUSION.—The term ‘qualified
21 bidder’ does not include a person who was pre-
22 viously determined to be a qualified bidder if
23 the Secretary determines that the person did
24 not meet the requirements of a qualified bidder
25 under this Act.

1 “(10) QUALIFYING DOMESTIC HELIUM TRANS-
2 ACTION.—The term ‘qualifying domestic helium
3 transaction’ means any agreement entered into or
4 renegotiated agreement during the preceding 1-year
5 period in the United States for the purchase or sale
6 of at least 20,000,000 standard cubic feet of crude
7 or pure helium to which any holder of a contract
8 with the Secretary for the acceptance, storage, deliv-
9 ery, or redelivery of crude helium from the Federal
10 Helium System is a party.

11 “(11) REFINER.—The term ‘refiner’ means a
12 person with the ability to take delivery of crude he-
13 lium from the Federal Helium Pipeline and refine
14 the crude helium into pure helium.

15 “(12) SECRETARY.—The term ‘Secretary’
16 means the Secretary of the Interior.”.

17 **SEC. 3. AUTHORITY OF SECRETARY.**

18 Section 3 of the Helium Act (50 U.S.C. 167a) is
19 amended by adding at the end the following:

20 “(c) EXTRACTION OF HELIUM FROM DEPOSITS ON
21 FEDERAL LAND.—All amounts received by the Secretary
22 from the sale or disposition of helium on Federal land
23 shall be credited to the Helium Production Fund estab-
24 lished under section 6(e).”.

1 **SEC. 4. STORAGE, WITHDRAWAL AND TRANSPORTATION.**

2 Section 5 of the Helium Act (50 U.S.C. 167c) is
3 amended to read as follows:

4 **“SEC. 5. STORAGE, WITHDRAWAL AND TRANSPORTATION.**

5 “(a) IN GENERAL.—If the Secretary provides helium
6 storage, withdrawal, or transportation services to any per-
7 son, the Secretary shall impose a fee on the person that
8 accurately reflects the economic value of those services.

9 “(b) MINIMUM FEES.—The fees charged under sub-
10 section (a) shall be not less than the amount required to
11 reimburse the Secretary for the full costs of providing
12 storage, withdrawal, or transportation services, including
13 capital investments in upgrades and maintenance at the
14 Federal Helium System.

15 “(c) SCHEDULE OF FEES.—Prior to sale or auction
16 under subsection (a), (b), or (c) of section 6, the Secretary
17 shall annually publish a standardized schedule of fees that
18 the Secretary will charge under this section.

19 “(d) TREATMENT.—All fees received by the Secretary
20 under this section shall be credited to the Helium Produc-
21 tion Fund established under section 6(e).

22 “(e) STORAGE AND DELIVERY.—In accordance with
23 this section, the Secretary shall—

24 “(1) allow any person or qualified bidder to
25 which crude helium is sold or auctioned under sec-

1 tion 6 to store helium in the Federal Helium Re-
2 serve; and

3 “(2) establish a schedule for the transportation
4 and delivery of helium using the Federal Helium
5 System that—

6 “(A) ensures timely delivery of helium auc-
7 tioned pursuant to section 6(b)(2);

8 “(B) ensures timely delivery of helium ac-
9 quired from the Secretary from the Federal He-
10 lium Reserve by means other than an auction
11 under section 6(b)(2) after the date of enact-
12 ment of the Helium Stewardship Act of 2013,
13 including nonallocated sales; and

14 “(C) provides priority access to the Fed-
15 eral Helium Pipeline for in-kind sales for Fed-
16 eral users.

17 “(f) NEW REFINING CAPACITY.—The Secretary shall
18 consider any applications for access to the Federal Helium
19 Pipeline in a manner consistent with the schedule for
20 phasing out commercial sales and disposition of assets
21 pursuant to section 6.”.

22 **SEC. 5. SALE OF CRUDE HELIUM.**

23 Section 6 of the Helium Act (50 U.S.C. 167d) is
24 amended to read as follows:

1 **“SEC. 6. SALE OF CRUDE HELIUM.**

2 “(a) PHASE A: ALLOCATION TRANSITION.—

3 “(1) IN GENERAL.—The Secretary shall offer
4 crude helium for sale in such quantities, at such
5 times, at not less than the minimum price estab-
6 lished under subsection (b)(7), and under such
7 terms and conditions as the Secretary determines
8 necessary to carry out this subsection with minimum
9 market disruption.

10 “(2) FEDERAL PURCHASES.—Federal users
11 may purchase refined helium with priority pipeline
12 access under this subsection from persons who have
13 entered into enforceable contracts to purchase an
14 equivalent quantity of crude helium at the in-kind
15 price from the Secretary.

16 “(3) DURATION.—This subsection applies dur-
17 ing—

18 “(A) the period beginning on the date of
19 enactment of the Helium Stewardship Act of
20 2013 and ending on September 30, 2014; and

21 “(B) any period during which the sale of
22 helium under subsection (b) is delayed or sus-
23 pended.

24 “(b) PHASE B: AUCTION IMPLEMENTATION.—

25 “(1) IN GENERAL.—The Secretary shall offer
26 crude helium for sale in quantities not subject to

1 auction under paragraph (2), after completion of
2 each auction, at not less than the minimum price es-
3 tablished under paragraph (7), and under such
4 terms and conditions as the Secretary determines
5 necessary—

6 “(A) to maximize total recovery of helium
7 from the Federal Helium Reserve over the long
8 term;

9 “(B) to maximize the total financial return
10 to the taxpayer;

11 “(C) to manage crude helium sales accord-
12 ing to the ability of the Secretary to extract and
13 produce helium from the Federal Helium Re-
14 serve;

15 “(D) to give priority to meeting the helium
16 demand of Federal users in the event of any
17 disruption to the Federal Helium Reserve; and

18 “(E) to carry out this subsection with min-
19 imum market disruption.

20 “(2) AUCTION QUANTITIES.—For the period de-
21 scribed in paragraph (4) and consistent with the
22 conditions described in paragraph (8), the Secretary
23 shall annually auction to any qualified bidder a
24 quantity of crude helium in the Federal Helium Re-
25 serve equal to—

1 “(A) for fiscal year 2015, 10 percent of
2 the total volume of crude helium made available
3 for that fiscal year; and

4 “(B) for each subsequent fiscal year, a
5 percentage of the total volume of crude helium
6 that is 10 percentage points greater than the
7 percentage available for the previous fiscal year,
8 but not to exceed 100 percent.

9 “(3) FEDERAL PURCHASES.—Federal users
10 may purchase refined helium-with priority pipeline
11 access under this subsection from persons who have
12 entered into enforceable contracts to purchase an
13 equivalent quantity of crude helium at the in-kind
14 price from the Secretary.

15 “(4) DURATION.—This subsection applies dur-
16 ing the period—

17 “(A) beginning on October 1, 2014; and

18 “(B) ending on the date on which the vol-
19 ume of recoverable crude helium at the Federal
20 Helium Reserve (other than privately owned
21 quantities of crude helium stored temporarily at
22 the Federal Helium Reserve under section 5
23 and this section) is 3,000,000,000 standard
24 cubic feet.

1 “(5) SAFETY VALVE.—The Secretary may ad-
2 just the quantities specified in paragraph (2)—

3 “(A) downward, if the Secretary deter-
4 mines the adjustment necessary—

5 “(i) to minimize market disruptions
6 that pose a threat to the economic well-
7 being of the United States; and

8 “(ii) only after submitting a written
9 justification of the adjustment to the Com-
10 mittee on Energy and Natural Resources
11 of the Senate and the Committee on Nat-
12 ural Resources of the House of Represent-
13 atives; or

14 “(B) upward, if the Secretary determines
15 the adjustment necessary to increase participa-
16 tion in crude helium auctions or returns to the
17 taxpayer.

18 “(6) AUCTION FORMAT.—The Secretary shall
19 conduct each auction using a method that maximizes
20 revenue to the Federal Government.

21 “(7) PRICES.—The Secretary shall annually es-
22 tablish, as applicable, sale and minimum auction
23 prices under subsection (a)(1) and paragraphs (1)
24 and (2) using, if applicable and in the following
25 order of priority:

1 “(A) The sale price of crude helium in auc-
2 tions held by the Secretary under paragraph
3 (2).

4 “(B) Price recommendations and
5 disaggregated data from a qualified, inde-
6 pendent third party who has no conflict of in-
7 terest, who shall conduct a confidential survey
8 of qualifying domestic helium transactions.

9 “(C) The volume-weighted average price of
10 all crude helium and pure helium purchased,
11 sold, or processed by persons in all qualifying
12 domestic helium transactions.

13 “(D) The volume-weighted average cost of
14 converting gaseous crude helium into pure he-
15 lium.

16 “(8) TERMS AND CONDITIONS.—

17 “(A) IN GENERAL.—The Secretary shall
18 require all persons that are parties to a con-
19 tract with the Secretary for the withdrawal, ac-
20 ceptance, storage, transportation, delivery, or
21 redelivery of crude helium to disclose, on a
22 strictly confidential basis—

23 “(i) the volumes and associated prices
24 in dollars per thousand cubic feet of all
25 crude and pure helium purchased, sold, or

1 processed by persons in qualifying domes-
2 tic helium transactions;

3 “(ii) the volumes and associated costs
4 in dollars per thousand cubic feet of con-
5 verting crude helium into pure helium; and

6 “(iii) refinery capacity and future ca-
7 pacity estimates.

8 “(B) CONDITION.—As a condition of sale
9 or auction to a refiner under subsection (a)(1)
10 and paragraphs (1) and (2), effective beginning
11 90 days after the date of enactment of the He-
12 lium Stewardship Act of 2013, the refiner shall
13 make excess refining capacity of helium avail-
14 able at commercially reasonable rates to—

15 “(i) any person prevailing in auctions
16 under paragraph (2); and

17 “(ii) any person that has acquired
18 crude helium from the Secretary from the
19 Federal Helium Reserve by means other
20 than an auction under paragraph (2) after
21 the date of enactment of the Helium Stew-
22 ardship Act of 2013, including nonallo-
23 cated sales.

24 “(9) USE OF INFORMATION.—The Secretary
25 may use the information collected under this Act—

1 “(A) to approximate crude helium prices;
2 and

3 “(B) to ensure the recovery of fair value
4 for the taxpayers of the United States from
5 sales of crude helium.

6 “(10) PROTECTION OF CONFIDENTIALITY.—
7 The Secretary shall adopt such administrative poli-
8 cies and procedures as the Secretary considers nec-
9 essary and reasonable to ensure the confidentiality
10 of information submitted pursuant to this Act.

11 “(c) PHASE C: CONTINUED ACCESS FOR FEDERAL
12 USERS.—

13 “(1) IN GENERAL.—The Secretary shall offer
14 crude helium for sale to Federal users in such quan-
15 tities, at such times, at such prices required to reim-
16 burse the Secretary for the full costs of the sales,
17 and under such terms and conditions as the Sec-
18 retary determines necessary to carry out this sub-
19 section.

20 “(2) FEDERAL PURCHASES.—Federal users
21 may purchase refined helium with priority pipeline
22 access under this subsection from persons who have
23 entered into enforceable contracts to purchase an
24 equivalent quantity of crude helium at the in-kind
25 price from the Secretary.

1 “(3) EFFECTIVE DATE.—This subsection ap-
2 plies beginning on the day after the date described
3 in subsection (b)(4)(B).

4 “(d) PHASE D: DISPOSAL OF ASSETS.—

5 “(1) IN GENERAL.—Not earlier than 2 years
6 after the date of commencement of Phase C de-
7 scribed in subsection (c) and not later than January
8 1, 2023, the Secretary shall designate as excess
9 property and dispose of all facilities, equipment, and
10 other real and personal property, and all interests in
11 the same, held by the United States in the Federal
12 Helium System.

13 “(2) APPLICABLE LAW.—The disposal of the
14 property described in paragraph (1) shall be in ac-
15 cordance with subtitle I of title 40, United States
16 Code.

17 “(3) PROCEEDS.—All proceeds accruing to the
18 United States by reason of the sale or other disposal
19 of the property described in paragraph (1) shall be
20 treated as funds received under this Act for pur-
21 poses of subsection (e).

22 “(4) COSTS.—All costs associated with the sale
23 and disposal (including costs associated with termi-
24 nation of personnel) and with the cessation of activi-
25 ties under this subsection shall be paid from

1 amounts available in the Helium Production Fund
2 established under subsection (e).

3 “(e) HELIUM PRODUCTION FUND.—

4 “(1) IN GENERAL.—All amounts received under
5 this Act, including amounts from the sale or auction
6 of crude helium, shall be credited to the Helium Pro-
7 duction Fund, which shall be available without fiscal
8 year limitation for purposes determined to be nec-
9 essary and cost effective by the Secretary to carry
10 out this Act (other than sections 16, 17, and 18),
11 including capital investments in upgrades and main-
12 tenance at the Federal Helium System, including—

13 “(A) well head maintenance at the Cliff-
14 side Field;

15 “(B) capital investments in maintenance
16 and upgrades of facilities that pressurize the
17 Cliffsides Field;

18 “(C) capital investments in maintenance
19 and upgrades of equipment related to the stor-
20 age, withdrawal, transportation, purification,
21 and sale of crude helium from the Federal He-
22 lium Reserve;

23 “(D) entering into purchase, lease, or
24 other agreements to drill new or uncap existing

1 wells to maximize the recovery of crude helium
2 from the Federal Helium System; and

3 “(E) any other scheduled or unscheduled
4 maintenance of the Federal Helium System.

5 “(2) EXCESS FUNDS.—Any amounts in the He-
6 lium Production Fund described in paragraph (1)
7 that exceed the amounts that the Secretary deter-
8 mines to be necessary to carry out paragraph (1)
9 shall be deposited in the general fund of the Treas-
10 ury.

11 “(f) MINIMUM QUANTITY.—The Secretary shall offer
12 for sale or auction during each fiscal year under sub-
13 sections (a), (b), and (c) a quantity of crude helium that
14 is the lesser of —

15 “(1) the quantity of crude helium offered for
16 sale by the Secretary during fiscal year 2012; and

17 “(2) the maximum total production capacity of
18 the Federal Helium System.”.

19 **SEC. 6. INFORMATION, ASSESSMENT, RESEARCH, AND**
20 **STRATEGY.**

21 The Helium Act (50 U.S.C. 167 et seq.) is amend-
22 ed—

23 (1) by repealing section 15 (50 U.S.C. 167m);

24 (2) by redesignating section 17 (50 U.S.C. 167
25 note) as section 20; and

1 (3) by inserting after section 14 (50 U.S.C.
2 1671) the following:

3 **“SEC. 15. INFORMATION.**

4 “(a) TRANSPARENCY.—The Secretary, acting
5 through the Bureau of Land Management, shall make
6 available on the Internet information relating to the Fed-
7 eral Helium System that includes—

8 “(1) continued publication of an open market
9 and in-kind price;

10 “(2) aggregated projections of excess refining
11 capacity;

12 “(3) ownership of helium held in the Federal
13 Helium Reserve;

14 “(4) the volume of helium delivered to persons
15 through the Federal Helium Pipeline;

16 “(5) pressure constraints of the Federal Helium
17 Pipeline;

18 “(6) an estimate of the projected date when
19 3,000,000,000 standard cubic feet of crude helium
20 will remain in the Federal Helium Reserve and the
21 final phase described in section 6(c) will begin;

22 “(7) the amount of the fees charged under sec-
23 tion 5;

24 “(8) the scheduling of crude helium deliveries
25 through the Federal Helium Pipeline; and

1 “(9) other factors that will increase trans-
2 parency.

3 “(b) REPORTING.—Not later than 90 days after the
4 date of enactment of the Helium Stewardship Act of 2013,
5 to provide the market with appropriate and timely infor-
6 mation affecting the helium resource, the Director of the
7 Bureau of Land Management shall establish a timely and
8 public reporting process to provide data that affects the
9 helium industry, including—

10 “(1) annual maintenance schedules and quar-
11 terly updates, that shall include—

12 “(A) the date and duration of planned
13 shutdowns of the Federal Helium Pipeline;

14 “(B) the nature of work to be undertaken
15 on the Federal Helium System, whether rou-
16 tine, extended, or extraordinary;

17 “(C) the anticipated impact of the work on
18 the helium supply;

19 “(D) the efforts being made to minimize
20 any impact on the supply chain; and

21 “(E) any concerns regarding maintenance
22 of the Federal Helium Pipeline, including the
23 pressure of the pipeline or deviation from nor-
24 mal operation of the pipeline;

1 “(2) for each unplanned outage, a description
2 of—

3 “(A) the beginning of the outage;

4 “(B) the expected duration of the outage;

5 “(C) the nature of the problem;

6 “(D) the estimated impact on helium sup-
7 ply;

8 “(E) a plan to correct problems, including
9 an estimate of the potential timeframe for cor-
10 rection and the likelihood of plan success within
11 the timeframe;

12 “(F) efforts to minimize negative impacts
13 on the helium supply chain; and

14 “(G) updates on repair status and the an-
15 ticipated online date;

16 “(3) monthly summaries of meetings and com-
17 munications between the Bureau of Land Manage-
18 ment and the Cliffside Refiners Limited Partner-
19 ship, including a list of participants and an indica-
20 tion of any actions taken as a result of the meetings
21 or communications; and

22 “(4) current predictions of the lifespan of the
23 Federal Helium System, including how much longer
24 the crude helium supply will be available based on
25 current and forecasted demand and the projected

1 maximum production capacity of the Federal Helium
2 System for the following fiscal year.

3 **“SEC. 16. HELIUM GAS RESOURCE ASSESSMENT.**

4 “(a) IN GENERAL.—Not later than 2 years after the
5 date of enactment of the Helium Stewardship Act of 2013,
6 the Secretary, acting through the Director of the United
7 States Geological Survey, shall—

8 “(1) in coordination with appropriate heads of
9 State geological surveys—

10 “(A) complete a national helium gas as-
11 sessment that identifies and quantifies the
12 quantity of helium, including the isotope he-
13 lium-3, in each reservoir, including assessments
14 of the constituent gases found in each helium
15 resource, such as carbon dioxide, nitrogen, and
16 natural gas; and

17 “(B) make available the modern seismic
18 and geophysical log data for characterization of
19 the Bush Dome Reservoir;

20 “(2) in coordination with appropriate inter-
21 national agencies and the global geology community,
22 complete a global helium gas assessment that identi-
23 fies and quantifies the quantity of the helium, in-
24 cluding the isotope helium-3, in each reservoir;

1 “(3) in coordination with the Secretary of En-
2 ergy, acting through the Administrator of the En-
3 ergy Information Administration, complete—

4 “(A) an assessment of trends in global de-
5 mand for helium, including the isotope helium-
6 3;

7 “(B) a 10-year forecast of domestic de-
8 mand for helium across all sectors, including
9 scientific and medical research, commercial,
10 manufacturing, space technologies, cryogenics,
11 and national defense; and

12 “(C) an inventory of medical, scientific, in-
13 dustrial, commercial, and other uses of helium
14 in the United States, including Federal uses,
15 that identifies the nature of the helium use, the
16 amounts required, the technical and commercial
17 viability of helium recapture and recycling in
18 that use, and the availability of material sub-
19 stitutes wherever possible; and

20 “(4) submit to the Committee on Energy and
21 Natural Resources of the Senate and the Committee
22 on Natural Resources of the House of Representa-
23 tives a report describing the results of the assess-
24 ments required under this paragraph.

1 “(b) AUTHORIZATION OF APPROPRIATIONS.—There
2 is authorized to be appropriated to carry out this section
3 \$1,000,000.

4 **“SEC. 17. LOW-BTU GAS SEPARATION AND HELIUM CON-**
5 **SERVATION.**

6 “(a) AUTHORIZATION.—The Secretary of Energy
7 shall support programs of research, development, commer-
8 cial application, and conservation (including the programs
9 described in subsection (b))—

10 “(1) to expand the domestic production of low-
11 Btu gas and helium resources;

12 “(2) to separate and capture helium from nat-
13 ural gas streams; and

14 “(3) to reduce the venting of helium and he-
15 lium-bearing low-Btu gas during natural gas explo-
16 ration and production.

17 “(b) PROGRAMS.—

18 “(1) MEMBRANE TECHNOLOGY RESEARCH.—
19 The Secretary of Energy, in consultation with other
20 appropriate agencies, shall support a civilian re-
21 search program to develop advanced membrane tech-
22 nology that is used in the separation of low-Btu
23 gases, including technologies that remove helium and
24 other constituent gases that lower the Btu content
25 of natural gas.

1 “(2) HELIUM SEPARATION TECHNOLOGY.—The
2 Secretary of Energy shall support a research pro-
3 gram to develop technologies for separating, gath-
4 ering, and processing helium in low concentrations
5 that occur naturally in geological reservoirs or for-
6 mations, including—

7 “(A) low-Btu gas production streams; and

8 “(B) technologies that minimize the atmos-
9 pheric venting of helium gas during natural gas
10 production.

11 “(3) INDUSTRIAL HELIUM PROGRAM.—The Sec-
12 retary of Energy, working through the Advanced
13 Manufacturing Office of the Department of Energy,
14 shall carry out a research program—

15 “(A) to develop low-cost technologies and
16 technology systems for recycling, reprocessing,
17 and reusing helium for all medical, scientific,
18 industrial, commercial, aerospace, and other
19 uses of helium in the United States, including
20 Federal uses; and

21 “(B) to develop industrial gathering tech-
22 nologies to capture helium from other chemical
23 processing, including ammonia processing.

1 “(c) AUTHORIZATION OF APPROPRIATIONS.—There
2 is authorized to be appropriated to carry out this section
3 \$3,000,000.

4 **“SEC. 18. HELIUM-3 SEPARATION.**

5 “(a) INTERAGENCY COOPERATION.—The Secretary
6 shall cooperate with the Secretary of Energy, or a des-
7 ignee, on any assessment or research relating to the ex-
8 traction and refining of the isotope helium-3 from crude
9 helium and other potential sources, including—

10 “(1) gas analysis; and

11 “(2) infrastructure studies.

12 “(b) FEASIBILITY STUDY.—The Secretary, in con-
13 sultation with the Secretary of Energy, or a designee, may
14 carry out a study to assess the feasibility of—

15 “(1) establishing a facility to separate the iso-
16 tope helium-3 from crude helium; and

17 “(2) exploring other potential sources of the
18 isotope helium-3.

19 “(c) REPORT.—Not later than 1 year after the date
20 of enactment of the Helium Stewardship Act of 2013, the
21 Secretary shall submit to the Committee on Energy and
22 Natural Resources of the Senate and the Committee on
23 Natural Resources of the House of Representatives a re-
24 port that contains a description of the results of the as-
25 sessments conducted under this section.

1 “(d) AUTHORIZATION OF APPROPRIATIONS.—There
2 is authorized to be appropriated to carry out this section
3 \$1,000,000.

4 **“SEC. 19. FEDERAL AGENCY HELIUM ACQUISITION STRAT-**
5 **EGY.**

6 “In anticipation of the implementation of Phase D
7 described in section 6(d), and not later than 2 years after
8 the date of enactment of the Helium Stewardship Act of
9 2013, the Secretary (in consultation with the Secretary
10 of Energy, the Secretary of Defense, the Director of the
11 National Science Foundation, the Administrator of the
12 National Aeronautics and Space Administration, and the
13 Director of the National Institutes of Health) shall submit
14 to Congress a report that provides for Federal users—

15 “(1) an assessment of the consumption of, and
16 projected demand for, crude and refined helium;

17 “(2) a description of a 20-year Federal strategy
18 for securing access to helium;

19 “(3) a determination of a date prior to January
20 1, 2023, for the implementation of Phase D as de-
21 scribed in section 6(d) that minimizes any potential
22 supply disruptions for Federal users;

23 “(4) an assessment of the effects of increases in
24 the price of refined helium and methods and policies
25 for mitigating any determined effects; and

1 “(5) a description of a process for prioritization
2 of uses that accounts for diminished availability of
3 helium supplies that may occur over time.”.

4 **SEC. 7. CONFORMING AMENDMENTS.**

5 (a) Section 4 of the Helium Act (50 U.S.C. 167b)
6 is amended by striking “section 6(f)” each place it appears
7 in subsections (c)(3), (c)(4), and (d)(2) and inserting
8 “section 6(d)”.

9 (b) Section 8 of the Helium Act (50 U.S.C. 167f)
10 is repealed.

11 (c) Section 207(c) of the Energy Independence and
12 Security Act of 2007 (42 U.S.C. 17022(c)) is amended
13 by inserting before the period at the end the following:
14 “, except that the amount authorized to be appropriated
15 to carry out this section not appropriated as of the date
16 of enactment of the Helium Stewardship Act of 2013 shall
17 be reduced by \$5,000,000”.

18 **SEC. 8. EXISTING AGREEMENTS.**

19 This Act and the amendments made by this Act shall
20 not affect or diminish the rights and obligations of the
21 Secretary of the Interior and private parties under agree-
22 ments in existence on the date of enactment of this Act,
23 except to the extent that the agreements are renewed or
24 extended after that date.

1 **SEC. 9. REGULATIONS.**

2 The Secretary of the Interior shall promulgate such
3 regulations as are necessary to carry out this Act and the
4 amendments made by this Act, including regulations nec-
5 essary to prevent unfair acts and practices.