

algorithms, and software for microelectronics. Computational modeling could enable the design of highly selective separation media to increase the efficiency of isotope production approaches. Finally, to realize a next-generation technology may require advances in multiple key technology areas, such as combining advances in new manufacturing, materials, artificial intelligence, and machine learning to produce next-generation batteries.

Questions for Input

This RFI is an initial step in improving SC's understanding of the challenges and opportunities associated with transitioning new discoveries to high-value technologies to drive the economy of the future. The RFI is a solicitation for public input to help identify approaches that can accelerate the process from scientific discovery to sustainable production of new technologies across the innovation continuum. Responses should be limited to the SC mission areas, as described in the Background section. (Note: Responses submitted to the request for information on advanced computing ecosystems do not need to be submitted again: <https://sam.gov/opp/8c35a6cc1692492e94c337ba645ecce5/view>).

Responses are requested for the questions listed. Respondents may provide input regarding any or all of these questions. Each response should be numbered to match the specific question listed.

(1) What are the barriers or challenges that need to be addressed to transition basic scientific discoveries to applied technologies?

(2) What opportunities are there to build research teams that bridge the discovery to production spectrum, providing an "end to end" approach that fully integrates "science push" and "technology pull" processes to guide research to realize new technologies?

(3) What new opportunities could be realized by combining two or more of the ten key technologies to accelerate the development of innovative products?

(4) What specific metrics should be used to measure the success of new approaches for accelerating technology development?

(5) To prepare for future industries, what opportunities are there for ensuring a robust workforce related to the ten key technologies? What skills are needed for students preparing for a career, and which of these skills are not commonly available in educational institutions?

(6) What specialized facilities or capabilities are needed to support research activities related to the ten key technology areas? Are there new capabilities needed that could be provided through the scientific user facilities at the DOE National Laboratories, such as the light and neutron sources, particle accelerators, nanoscience centers, and high-performance computing facilities (<https://science.osti.gov/User-Facilities>)?

(7) What new mechanisms will help a region, especially those centered on underserved communities, establish a vibrant innovation ecosystem to foster training, recruitment, and retention of technical personnel, support spinoffs, and growth of existing companies, develop entrepreneurs, and catalyze future industries in the key technologies?

Comments containing references, studies, research, and other empirical data that are not widely published should include copies of the referenced materials. Note that comments will be made publicly available as submitted.

Signing Authority

This document of the Department of Energy was signed on November 2, 2022, by Asmeret Asefaw Berhe, Director, Office of Science, pursuant to delegated authority from the Secretary of Energy. The document with the original signature and date is maintained by DOE. For administrative purposes only, and in compliance with requirements of the Office of the Federal Register, the undersigned DOE Federal Register Liaison Officer has been authorized to sign and submit the document in electronic format for publication, as an official document of the Department of Energy. This administrative process in no way alters the legal effect of this document upon publication in the **Federal Register**.

Signed in Washington, DC, on November 2, 2022.

Treana V. Garrett,

Federal Register Liaison Officer, U.S. Department of Energy.

[FR Doc. 2022-24250 Filed 11-7-22; 8:45 am]

BILLING CODE 6450-01-P

DEPARTMENT OF ENERGY

International Energy Agency Meetings

AGENCY: Department of Energy.

ACTION: Notice of meetings.

SUMMARY: The Industry Advisory Board (IAB) to the International Energy Agency (IEA) will meet on November 16-17, 2022, as a hybrid meeting via

webinar and in person, in connection with a joint meeting of the IEA's Standing Group on Emergency Questions (SEQ) and the IEA's Standing Group on the Oil Market (SOM) which is scheduled at the same time via webinar.

DATES: November 16-17, 2022.

ADDRESSES: The location details of the SEQ and SOM webinar meeting are under the control of the IEA Secretariat, located at 9 rue de la Fédération, 75015 Paris, France. The in person meeting will take place at IEA Headquarters, 9 rue de la Fédération, 75015 Paris, France.

FOR FURTHER INFORMATION CONTACT: Mr. Thomas Reilly, Assistant General Counsel for International and National Security Programs, Department of Energy, 1000 Independence Avenue SW, Washington, DC 20585, (202) 586-5000.

SUPPLEMENTARY INFORMATION: In accordance with section 252(c)(1)(A)(i) of the Energy Policy and Conservation Act (42 U.S.C. 6272(c)(1)(A)(i)) (EPCA), the following notice of meetings is provided:

A meeting of the Industry Advisory Board (IAB) to the International Energy Agency (IEA) will be held in person and via webinar at the IEA Headquarters, 9 rue de la Fédération, 75015 Paris, commencing at 9:30 a.m., Paris time, on November 16, 2022. The purpose of this notice is to permit attendance by representatives of U.S. company members of the IAB at a joint meeting of the IEA's Standing Group on Emergency Questions (SEQ) and the IEA's Standing Group on the Oil Market (SOM), which is scheduled to be held at the same location in person and via webinar at the same time.

The location details of the SEQ and SOM webinar meeting are under the control of the IEA Secretariat, located at 9 rue de la Fédération, 75015 Paris, France. The agenda of the meeting is under the control of the SEQ and the SOM. It is expected that the SEQ and the SOM will adopt the following agenda:

1. Welcome by the Chair
2. New delegates to introduce themselves
3. Adoption of the Agenda
4. Approval of Summary Record of meeting of 21 June 2022
5. Update on the Current Oil Market Situation
6. Reports on Recent Oil Market and Policy Developments in IEA Countries
7. World Energy Outlook
8. Proposed changes to government reporting form for crude oil import prices (crude oil register)

9. Update on diesel/gasoil demand
10. Update on refining developments/
outlook for Refining and product
supply
11. Update on crude and refined
product trade developments
12. Outlook for diesel market: Oil
Company
13. Update on trade and shipping:
Shipbroker
14. Update on trade and shipping:
Insurance company
15. Summary and Round Table
Discussion
16. Any other business:
Date of next SOM/SEQ meetings: 14–
16 March 2023

A meeting of the Industry Advisory Board (IAB) to the International Energy Agency (IEA) will be held in person and via webinar at the IEA Headquarters, 9 rue de la Fédération, 75015 Paris, commencing at 9:30 a.m., Paris time, on November 17, 2022. The purpose of this notice is to permit attendance by representatives of U.S. company members of the IAB at a meeting of the IEA's Standing Group on Emergency Questions (SEQ), which is scheduled to be held at the same location in person and via webinar at the same time. The IAB will also hold a preparatory meeting among company representatives at the same location at 08:30 a.m. Paris time on November 17, 2022. The agenda for this preparatory meeting is to review the agenda for the SEQ meeting.

The location details of the SEQ meeting are under the control of the IEA Secretariat, located at 9 rue de la Fédération, 75015 Paris, France. The agenda of the SEQ meeting is under the control of the SEQ. It is expected that the SEQ will adopt the following agenda:

1. Adoption of the Agenda
 2. Approval of the Summary Record of
the 170th SEQ meeting
 3. Ministerial Mandate on oil
stockholding
 4. Stockholding levels of IEA Member
Countries
 5. IEA oil stockholding releases 2022
 6. QuE reporting
 7. Mid-term review Korea
 8. Emergency Response Review of
Australia
 9. Industry Advisory Board Update
 10. Oral Reports by Administrations
 11. Emergency Response Review of
Greece
 12. Gas Security
 13. Any Other Business
- Schedule of ERRs for 2023
Schedule of SEQ & SOM Meetings for
2023:
—14–16 March 2023 (tentative)

- 13–15 June 2023 (tentative)
—14–16 November 2023 (tentative)

As provided in section 252(c)(1)(A)(ii) of the Energy Policy and Conservation Act (42 U.S.C. 6272(c)(1)(A)(ii)), the meetings of the IAB are open to representatives of members of the IAB and their counsel; representatives of members of the IEA's Standing Group on Emergency Questions and the IEA's Standing Group on the Oil Markets; representatives of the Departments of Energy, Justice, and State, the Federal Trade Commission, the General Accounting Office, Committees of Congress, the IEA, and the European Commission; and invitees of the IAB, the SEQ, the SOM, or the IEA.

Signing Authority: This document of the Department of Energy was signed on November 3, 2022, by Thomas Reilly, Assistant General Counsel for International and National Security Programs, pursuant to delegated authority from the Secretary of Energy. That document with the original signature and date is maintained by DOE. For administrative purposes only, and in compliance with requirements of the Office of the Federal Register, the undersigned DOE Federal Register Liaison Officer has been authorized to sign and submit the document in electronic format for publication, as an official document of the Department of Energy. This administrative process in no way alters the legal effect of this document upon publication in the **Federal Register**.

Signed in Washington, DC, November 3, 2022.

Treena V. Garrett,

Federal Register Liaison Officer, U.S.

Department of Energy.

[FR Doc. 2022–24357 Filed 11–7–22; 8:45 am]

BILLING CODE 6450–01–P

DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

Combined Notice of Filings #2

Take notice that the Commission received the following electric corporate filings:

Docket Numbers: [ER10–1951–049; ER10–1970–026; ER10–1972–026; ER10–1973–018; ER10–1974–029; ER10–1975–030; ER10–2641–043; ER11–2192–020; ER11–2365–009; ER11–4462–071; ER11–4677–024; ER12–676–020; ER12–2444–023; ER13–2461–021; ER14–21–014; ER14–2708–025; ER14–2709–024; ER14–2710–024; ER15–30–022; ER15–58–022; ER15–1016–017; ER15–2243–015; ER16–1440–

018; ER16–1913–011; ER16–2240–018; ER16–2241–017; ER16–2297–018; ER16–2443–014; ER16–2506–019; ER17–196–009; ER17–838–046; ER17–1774–008; ER18–772–009; ER18–807–010; ER18–1535–009; ER18–1981–013; ER18–2224–017; ER18–2314–009; ER19–11–008; ER19–1128–007; ER19–2266–007; ER20–792–007; ER20–1219–005; ER20–1220–008; ER20–1417–006; ER20–1879–009; ER20–1985–005; ER20–1988–006; ER20–1991–007; ER20–2012–005; ER20–2153–007; ER20–2380–006; ER20–2603–007; ER20–2648–006; ER21–183–005; ER21–1506–005; ER21–1532–004; ER21–1880–003; ER21–2048–005; ER21–2100–005; ER21–2641–004; ER22–96–003].

Applicants: Route 66 Solar Energy Center, LLC, Quinebaug Solar, LLC, Point Beach Solar, LLC, Sac County Wind, LLC, Niyol Wind, LLC, Quitman II Solar, LLC, Shaw Creek Solar, LLC, Nutmeg Solar, LLC, Northern Divide Wind, LLC, Skeleton Creek Wind, LLC, Saint Solar, LLC, Sanford Airport Solar, LLC, Orbit Bloom Energy, LLC, Ponderosa Wind, LLC, Northern Colorado Wind Energy Center II, LLC, Northern Colorado Wind Energy Center, LLC, Oliver Wind I, LLC, Roundhouse Renewable Energy, LLC, Oliver Wind Center II, LLC, Peetz Table Wind, LLC, Oklahoma Wind, LLC, Quitman Solar, LLC, Rush Springs Energy Storage, LLC, Peetz Logan Interconnect, LLC, Sholes Wind, LLC, Pegasus Wind, LLC, Pratt Wind, LLC, Montauk Energy Storage Center, LLC, Pinal Central Energy Center, LLC, New Mexico Wind, LLC, NextEra Energy Bluff Point, LLC, NextEra Energy Marketing, LLC, Pima Energy Storage System, LLC, Oliver Wind III, LLC, NextEra Blythe Solar Energy Center, LLC, Osborn Wind Energy, LLC, Ninnescah Wind Energy, LLC, Rush Springs Wind Energy, LLC, River Bend Solar, LLC, Roswell Solar, LLC, Silver State Solar Power South, LLC, Shafter Solar, LLC, Palo Duro Wind Interconnection Services, LLC, Seiling Wind Interconnection Services, LLC, Palo Duro Wind Energy, LLC, Seiling Wind II, LLC, Seiling Wind, LLC, Mountain View Solar, LLC, Pheasant Run Wind, LLC, North Sky River Energy, LLC, Perrin Ranch Wind, LLC, NextEra Energy Montezuma II Wind, LLC, NEPM II, LLC, Paradise Solar Urban Renewal, L.L.C., Red Mesa Wind, LLC, Oleander Power Project, Limited Partnership, Sayreville Power Generation LP.

Description: Notice of Change in Status of NextEra Energy Services Massachusetts, LLC, Part 3 of 4, et al.

Filed Date: 10/31/22.

Accession Number: 20221031–5405.

Comment Date: 5 p.m. ET 11/21/22.