



U.S. House of Representatives COMMITTEE ON ETHICS

EMPLOYEE POST-TRAVEL DISCLOSURE FORM Original Amendment

This form is for disclosing the receipt of travel expenses from private sources for travel taken in connection with official duties. This form does not eliminate the need to report privately-funded travel on the annual *Financial Disclosure Statements* of those employees required to file them. In accordance with House Rule 25, clause 5, **you must complete this form and file it with the Clerk of the House, by email at gifttravelreports@mail.house.gov, within 15 days after travel is completed.** Please **do not** file this form with the Committee on Ethics.

NOTE: Willful or knowing misrepresentations on this form may be subject to criminal prosecution pursuant to 18 U.S.C. § 1001.

1. Name of Traveler: Richard O'Connell
2. a. Name of Accompanying Relative: _____ **OR** None
 b. Relationship to Traveler: Spouse Child Other (specify): _____
3. a. Dates: Departure: October 1, 2022 Return: October 8, 2022
 b. Dates at Personal Expense, if any: _____ **OR** None
4. Departure City: Washington, D.C. Destination: Abu Dhabi Return City: Male
5. Sponsor(s), Who Paid for the Trip: Atlantic Council
6. Describe Meetings and Events Attended:
 Meetings focused on energy development and UAE's work on the energy transition. Meetings included visits to generation resources and with water and power utility executives, the national oil company, and government officials. Enclosure included with further detail.
7. Attached to this form are **each** of the following, *signify that each item is attached by checking the corresponding box*:
 - a. a completed *Sponsor Post-Travel Disclosure Form*;
 - b. the *Primary Trip Sponsor Form* completed by the trip sponsor **prior** to the trip, **including all** attachments **and** the *Additional Sponsor Form(s)*;
 - c. page 2 of the completed *Traveler Form* submitted by the employee; **and**
 - d. the letter from the Committee on Ethics approving my participation on this trip.
8. a. I represent that I participated in each of the activities reflected in the attached sponsor's agenda.
Signify statement is true by checking the box.
 b. If not, explain:

I certify that the information contained on this form is true, complete, and correct to the best of my knowledge.

Signature of Traveler: Date: 10/24/2022

I authorized this travel in advance. I have determined that all of the expenses listed on the attached *Sponsor Post-Travel Disclosure Form* were necessary and that the travel was in connection with the employee's official duties and would not create the appearance that the employee is using public office for private gain.

Name of Supervising Member: Ken Calvert Date: October 24, 2022

Signature of Supervising Member:



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SPONSOR POST-TRAVEL DISCLOSURE FORM

Original Amendment

This form must be completed by an officer of any organization that served as the primary trip sponsor in providing travel expenses or reimbursement for travel expenses to House Members, officers, or employees under House Rule 25, clause 5. **A completed copy of the form must be provided to each House Member, officer, or employee who participated on the trip within ten days of their return.** You must answer all questions, and check all boxes, on this form for your submission to comply with House rules and the Committee's travel regulations. Failure to comply with this requirement may result in the denial of future requests to sponsor trips and/or subject the current traveler to disciplinary action or a requirement to repay the trip expenses.

NOTE: Willful or knowing misrepresentations on this form may be subject to criminal prosecution pursuant to 18 U.S.C. § 1001.

- Sponsor(s) who paid for the trip: Atlantic Council
- Travel Destination(s): Abu Dhabi, United Arab Emirates and Dubai, United Arab Emirates
- Date of Departure: 10/01/2022 Date of Return: 10/08/2022
- Name(s) of Traveler(s): Richie O'Connell

Note: You may list more than one traveler on a form only if *all* information is *identical* for each person listed.

- Actual amount of expenses paid on behalf of, or reimbursed to, each individual named in Question 4:

	Total Transportation Expenses	Total Lodging Expenses	Total Meal Expenses	Total Other Expenses (dollar amount per item and description)
Traveler	\$1,296.27	\$1,562.08	\$600.76	\$21.78 - COVID-19 PCR Tests
Accompanying Family Member				

- All expenses connected to the trip were for actual costs incurred and not a *per diem* or lump sum payment. Signify statement is true by checking box.

I certify that the information contained in this form is true, complete, and correct to the best of my knowledge.

Signature: Julie Varghese Date: 10/17/2022

Name: Julie Varghese Title: Chief Operating Officer

Organization: Atlantic Council

I am an officer of the above-named organization. Signify statement is true by checking box.

Address: 1030 15th Street NW, 12th Floor, Washington, DC 20005

Email: jvarghese@atlanticcouncil.org Telephone: 202-213-8200

Committee staff may contact the above-named individual if additional information is required.

If you have questions regarding your completion of this form, please contact the Committee on Ethics at 202-225-7103.



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TRAVELER FORM

1. Name of Traveler: Richard O'Connell

2. Sponsor(s) who will be paying or providing in-kind support for the trip:
The Atlantic Council

3. City and State OR Foreign Country of Travel: United Arab Emirates

4. a. Date of Departure: October 1, 2022 Date of Return: October 8, 2022

b. Yes No Will you be extending the trip at your personal expense?

If yes, list dates at personal expense: _____

5. a. Yes No Will you be accompanied by a family member at the sponsor's expense? If yes:

(1) Name of Accompanying Family Member: _____

(2) Relationship to Traveler: Spouse Child Other (specify): _____

(3) Yes No Accompanying Family Member is at least 18 years of age:

6. a. Yes No Did the trip sponsor answer "Yes" to Question 8(c) on the *Primary Trip Sponsor Form* (i.e., travel is sponsored by an entity that employs a registered federal lobbyist or a foreign agent)?

b. If yes, and you are requesting lodging for two nights, explain why the second night is warranted:

7. Yes No *Primary Trip Sponsor Form* is attached, including agenda, invitee list, and any other attachments and Additional Sponsor Forms.

NOTE: The agenda should show the traveler's individual schedule, including departure and arrival times and identify the specific events in which the traveler will be participating.

8. Explain why participation in the trip is connected to the traveler's individual official or representational duties. **Staff should include their job title and how the activities on the itinerary relate to their duties.**

I handle energy policy for the Congressman. The trip will focus on advanced energy projects in the UAE and strengthening the U.S.-UAE energy relationship. As a member of the Energy and Water Appropriations Subcommittee, the Congressman's work involves funding and related policy for advanced energy projects and international collaboration thereon. I serve as Congressman Calvert's Legislative Director.

9. Yes No Is the traveler aware of any registered federal lobbyists or foreign agents involved planning, organizing, requesting, or arranging the trip?

10. For staff travelers, to be completed by your employing Member:

ADVANCED AUTHORIZATION OF EMPLOYEE TRAVEL

I hereby authorize the individual named above, an employee of the U.S. House of Representatives who works under my direct supervision, to accept expenses for the trip described in this request. I have determined that the above-described travel is in connection with my employee's official duties and that acceptance of these expenses will not create the appearance that the employee is using public office for private gain.

Signature of Employing Member *Ken Calvert*

Date 08/31/2022



PRIMARY TRIP SPONSOR FORM

This form should be completed by private entities offering to provide travel or reimbursement for travel to House Members, officers, or employees under House Rule 25, clause 5. A completed copy of the form (and any attachments) should be provided to each invited House Member, officer, or employee, who will then forward it to the Committee together with a *Traveler Form* at least 30 days before the start date of the trip. The trip sponsor should NOT submit the form directly to the Committee. The Committee website (ethics.house.gov) provides detailed instructions for filling out the form.

NOTE: Willful or knowing misrepresentations on this form may be subject to criminal prosecution pursuant to 18 U.S.C. § 1001. Failure to comply with the Committee's Travel Regulations may also lead to the denial of permission to sponsor future trips.

1. Sponsor who will be paying for the trip:

Atlantic Council

2. I represent that the trip will not be financed, in whole or in part, by a registered federal lobbyist or foreign agent. Signify that the statement is true by checking box.

3. **Check only one.** I represent that:

a. The primary trip sponsor has not accepted from any other source, funds intended directly or indirectly to finance any aspect of the trip: **OR**

b. The trip is arranged without regard to congressional participation and the primary trip sponsor has accepted funds only from entities that will receive a tangible benefit in exchange for those funds: **OR**

c. The primary trip sponsor has accepted funds from other source(s) intended directly or indirectly to finance all or part of this trip and has enclosed disclosure forms from each of those entities.

If "c" is checked, list the names of the additional sponsors:

4. Provide names and titles of ALL House Members and employees you are inviting. For each House invitee, provide an explanation of why the individual was invited (include additional pages if necessary):

Please see this list on additional page.

5. Yes No Is travel being offered to an accompanying family member of the House invitee(s)?

6. Date of departure: 10/01/2022 Date of return: 10/08/2022

7. a. City of departure: Washington, DC, USA (IAD)

b. Destination(s): Abu Dhabi, United Arab Emirates and Dubai, United Arab Emirates

c. City of return: Washington, DC, USA (IAD)

8. **Check only one.** I represent that:

a. The sponsor of the trip is an institution of higher education within the meaning of section 101 of the Higher Education Act of 1965: **OR**

b. The sponsor of the trip does not retain or employ a registered federal lobbyist or foreign agent: **OR**

c. The sponsor employs or retains a registered federal lobbyist or foreign agent, but the trip is for attendance at a one-day event and lobbyist / foreign agent involvement in planning, organizing, requesting, or arranging the trip was *de minimis* under the Committee's travel regulations.

9. **Check only one of the following:**

a. I checked 8(a) or (b) above; **OR**

b. I checked 8(c) above but am not offering any lodging; **OR**

c. I checked 8(c) above and am offering lodging and meals for one night; **OR**

d. I checked 8(c) above and am offering lodging and meals for two nights. If you checked this box, explain why the second night of lodging is warranted:



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10. Attached is a detailed agenda of the activities House invitees will be participating in during the travel (i.e., an hourly description of planned activities for trip invitees). *Indicate agenda is attached by checking box.*
11. **Check only one of the following:**
- a. I represent that a registered federal lobbyist or foreign agent will not accompany House Members or employees on any segment of the trip. *Signify that the statement is true by checking box; OR*
- b. *Not Applicable.* Trip sponsor is a U.S. institution of higher education.
12. For *each* sponsor required to submit a sponsor form, describe the sponsor's interest in the subject matter of the trip *and* its role in organizing and/or conducting the trip:

The Atlantic Council promotes constructive leadership and engagement in international affairs. The Council's Global Energy Center promotes energy security by working alongside stakeholders to devise pragmatic solutions to the changing global energy landscape. The Atlantic Council is the full sponsor of the trip and is organizing and conducting all aspects.

13. **Answer parts a and b. Answer part c if necessary:**
- a. Mode of travel: Air Rail Bus Car Other (specify: _____)
- b. Class of travel: Coach Business First Charter Other (specify: _____)
- c. If travel will be first class, or by chartered or private aircraft, explain why such travel is warranted:

14. I represent that the expenditures related to local area travel during the trip will be unrelated to personal or recreational activities of the invitee(s). *Signify that the statement is true by checking the box.*

15. **Check only one.** I represent that either:
- a. The trip involves an event that is arranged or organized *without regard* to congressional participation and that meals provided to congressional participants are similar to those provided to or purchased by other event attendees; **OR**
- b. The trip involves events that are arranged specifically *with regard* to congressional participation.

If "b" is checked:

- 1) Detail the cost *per day* of meals (approximate cost may be provided):

Roughly \$150 per day.

- 2) Provide the reason for selecting the location of the event or trip:

See attached Addendum #1

16. Name, nightly cost, and reasons for selecting each hotel or other lodging facility:

Hotel Name: The St. Regis Abu Dhabi (Corniche) City: Abu Dhabi, UAE Cost Per Night: \$260.35

Reason(s) for Selecting: This hotel is centrally located and in close proximity to our site visit locations.

Hotel Name: _____ City: _____ Cost Per Night: _____

Reason(s) for Selecting: _____

Hotel Name: _____ City: _____ Cost Per Night: _____

Reason(s) for Selecting: _____

17. I represent that all expenses connected to the trip will be for actual costs incurred and not a per diem or lump sum payment. *Signify that the statement is true by checking the box.*



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18. Total Expenses for each Participant:

<input type="checkbox"/> Actual Amounts <input checked="" type="checkbox"/> Good Faith Estimates	Total Transportation Expenses per Participant	Total Lodging Expenses per Participant	Total Meal Expenses per Participant
For each Member, Officer, or Employee	\$1,700	\$1,562.08 (6 nights)	\$1,200
For each Accompanying Family Member	N/A	N/A	N/A

	Other Expenses (dollar amount per item)	Identify Specific Nature of "Other" Expenses (e.g., taxi, parking, registration fee, etc.)
For each Member, Officer, or Employee	N/A	N/A
For each Accompanying Family Member	N/A	N/A

NOTE: Willful or knowing misrepresentations on this form may be subject to criminal prosecution pursuant to 18 U.S.C. § 1001.

19. Check only one:

- a. I certify that I am an officer of the organization listed below; **OR**
- b. *Not Applicable.* Trip sponsor is an individual or a U.S. institution of higher education.

20. I certify by my signature that

- a. I read and understand the Committee's Travel Regulations;
- b. I am not a registered federal lobbyist or registered foreign agent; and
- c. The information on this form is true, complete, and correct to the best of my knowledge.

Signature: Julie Varghese Date: August 26, 2022
 Name: Julie Varghese Title: Chief Operating Officer
 Organization: Atlantic Council
 Address: 1030 15th Street NW, 12th Floor, Washington, DC 20005
 Email: jvarghese@atlanticcouncil.org Telephone: (202) 213-8200

INSTRUCTIONS

Complete the *Primary Trip Sponsor Form* and submit the agenda, invitation list, any attachments, and any *Additional Trip Sponsor Forms* directly to the Travelers.

Written approval from the Committee on Ethics is required before traveling on this trip. The Committee on Ethics will notify the House invitees directly and will not notify the trip sponsors.

Willful or knowing misrepresentation on this form may be subject to criminal prosecution under 18 U.S.C. § 1001. Signatures must comply with section 104(bb) of the Travel Regulations.

For questions, please contact the Committee on Ethics at:

1015 Longworth House Office Building
Washington, D.C. 20515

ethicscommittee@mail.house.gov | 202-225-7103
More information and forms available at ethics.house.gov



U.S. House of Representatives

COMMITTEE ON ETHICS

Washington, DC 20515

September 22, 2022

Mr. Richard A. O'Connell, Jr.
Office of the Honorable Ken Calvert
2205 Rayburn House Office Building
Washington, DC 20515

Dear Mr. O'Connell:

Pursuant to House Rule 25, clause 5(d)(2), the Committee on Ethics hereby approves your proposed trip to United Arab Emirates,¹ scheduled for October 1 to 8, 2022, sponsored by Atlantic Council.

You must complete an Employee Post-Travel Disclosure Form (which your employing Member must also sign) and file it, together with a Sponsor Post-Travel Disclosure Form completed by the trip sponsor, with the Clerk of the House within 15 days after your return from travel. As part of that filing, you are also required to attach a copy of this letter and both the Traveler and Primary Trip Sponsor Forms (including attachments) you previously submitted to the Committee in seeking pre-approval for this trip. If you are required to file an annual Financial Disclosure Statement, you must also report all travel expenses totaling more than \$415 from a single source on the "Travel" schedule of your annual Financial Disclosure Statement covering this calendar year. Finally, Travel Regulation § 404(d) also requires you to keep a copy of all request forms and supporting information provided to the Committee for three subsequent Congresses from the date of travel.

Because the trip may involve meetings with foreign government representatives, we note that House employees may accept, under the Foreign Gifts and Decorations Act (FGDA), gifts "of minimal value [currently \$415] tendered as a souvenir or mark of courtesy" by a foreign government. Any tangible gifts valued in excess of minimal value received from a foreign government must, within 60 days of acceptance, be disclosed on a Form for Disclosing Gifts from Foreign Governments and either turned over to the Clerk of the House, or, with the written approval of the Committee, retained for official use.

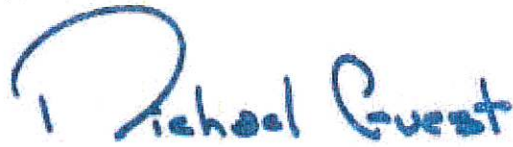
¹ Please be aware that the Committee's review of the proposed trip does not extend to either the security situation in the destination country or security related to foreign travel in general. We recommend you contact the Office of House Security (OHS) for a safety and security briefing prior to your departure. OHS may be reached at (202) 226-2044 or ohsstaff@mail.house.gov. House travelers should also register for the U.S. State Department's Smart Traveler Enrollment Program at <https://step.state.gov>.

If you have any further questions, please contact the Committee's Office of Advice and Education at extension 5-7103.

Sincerely,



Theodore E. Deutch
Chairman



Michael Guest
Acting Ranking Member

TED/MG:emw

Addendum # 1 to Question 15b:

The UAE is implementing an aggressive 2050 clean energy plan to reduce its carbon footprint by 70%. Its investment strategy and the region's significance to global emission reduction efforts is relevant to the current federal energy and environmental policy conversations in Congress.



Atlantic Council

GLOBAL ENERGY CENTER

August 26, 2022

It is my pleasure to invite you to join a Congressional staff delegation trip to the United Arab Emirates (UAE) to study advanced energy technologies this October 1-8, 2022. Our aim is to strengthen the US-UAE energy relationship and demonstrate how a cohesive national energy strategy and concerted public-private effort can lead to impressive results.

The delegation will include senior Congressional staff with policy work before the US Senate Committees on Energy & Natural Resources, Agriculture, Appropriations, and Environmental & Public Works, as well as the US House Committees on Energy & Commerce, Ways & Means, Science, Space and Technology, Select Climate and Appropriations. You, along with your colleagues, play an instrumental role in driving American energy policy and international engagement. This will provide you with an opportunity to learn more about the impressive advancement in energy one of our key allies in the Gulf has made and see some innovative technologies and facilities firsthand.

Potential meetings include discussions with Mohamed Al Hammadi, Chief Executive Officer of Emirates Nuclear Energy Corporation; H.E. Suhail Al Mazrouei, Minister of Energy and Industry; H.E. Mariam Almheiri, Minister of Climate Change and Environment; Abu Dhabi National Oil Company executives, and others. Site visits will likely include: the Barakah Nuclear Facility, the first commercial nuclear power station in the Arab World; the Al Reyadah Carbon Capture and Storage (CCS) project, the world's first steel carbon capture project; and the world's largest 'premium aluminum' producer Emirates Global Aluminum (EGA).

For further information or any questions you may have, please contact Katie Kenney at kkenney@atlanticcouncil.org. We sincerely hope you will join this trip in October.

Sincerely,

Reed Blakemore
Acting Director, Global Energy Center
Atlantic Council

House Staff Invite List

Name	Office	Title	Email	Reason for Inviting
Emily Domenech	Leader Kevin McCarthy (R-CA)	Senior Policy Adviser	emily.domenech@mail.house.gov	Senior or Legislative staff who work on energy/environment related policy issues for their Member of Congress
Francis Brooke	Whip Steve Scalise (R-LA)	Legislative Counsel	francis.brooke@mail.house.gov	Senior or Legislative staff who work on energy/environment related policy issues for their Member of Congress
Mary Martin	Energy and Commerce Minority	Chief Counsel	mary.martin@mail.house.gov	Senior or Legislative staff who work on energy/environment related policy issues for their Member of Congress
Nate Hodson	Energy and Commerce Minority	Staff Director	nate.hodson@mail.house.gov	Senior or Legislative staff who work on energy/environment related policy issues for their Member of Congress
Tyler O'Connor	Energy and Commerce Majority	Energy Counsel	tyler.oconnor@mail.house.gov	Senior or Legislative staff who work on energy/environment related policy issues for their Member of Congress
Rick Kessler	Energy and Commerce Majority	Staff Director	rick.kessler@mail.house.gov	Senior or Legislative staff who work on energy/environment related policy issues for their Member of Congress
Daniel Dzialon	Science and Technology Committee Minority	Professional Staff Member	daniel.dzialon@mail.house.gov	Senior or Legislative staff who work on energy/environment related policy issues for their Member of Congress

Alison Slagell	Frank Lucas (R-OK)	Deputy Chief of Staff	Senior or Legislative staff who work on energy/environment related policy issues for their Member of Congress	alison.slagell@mail.house.gov
Brent Blevins	Science and Technology Committee Minority	Senior Policy Adviser	Senior or Legislative staff who work on energy/environment related policy issues for their Member of Congress	brent.blevins@mail.house.gov
Hillary O'Brien	Science and Technology Committee Minority	Senior Professional Staff Member	Senior or Legislative staff who work on energy/environment related policy issues for their Member of Congress	hillary.o'brien@mail.house.gov
Adam Rosenberg	Science and Technology Committee Majority	Energy Subcommittee Staff Director	Senior or Legislative staff who work on energy/environment related policy issues for their Member of Congress	adam.rosenberg@mail.house.gov
Alyse Huffman	Science and Technology Committee Majority	Professional Staff Member	Senior or Legislative staff who work on energy/environment related policy issues for their Member of Congress	alyse.huffman@mail.house.gov
Priyanka Hooghan	Science and Technology Committee Majority	Environmental Subcommittee Staff Director	Senior or Legislative staff who work on energy/environment related policy issues for their Member of Congress	priyanka.hooghan@mail.house.gov
Chris Marklund	House Natural Resources Committee Minority	Deputy Staff Director for Operations	Senior or Legislative staff who work on energy/environment related policy issues for their Member of Congress	chris.marklund@mail.house.gov
Ashley Nichols	House Natural Resources Committee Minority	Staff Director	Senior or Legislative staff who work on energy/environment related policy issues for their Member of Congress	ashley.nichols@mail.house.gov

Sarah Jorgenson	Select Climate Committee Minority	Staff Director	sarah.jorgenson@mail.house.gov	Senior or Legislative staff who work on energy/environment related policy issues for their Member of Congress
Gary Andres	Ways and Means Committee Minority	Staff Director	gary.andres@mail.house.gov	Senior or Legislative staff who work on energy/environment related policy issues for their Member of Congress
Paige Decker	Ways and Means Committee Minority	Deputy Staff Director	Paige.Decker@mail.house.gov	Senior or Legislative staff who work on energy/environment related policy issues for their Member of Congress
Elle Collins	Ways and Means Committee Minority	Tax Counsel	elle.collins@mail.house.gov	Senior or Legislative staff who work on energy/environment related policy issues for their Member of Congress
Scott McKee	Appropriations Committee Majority	Professional Staff Member	scott.mckee@mail.house.gov	Senior or Legislative staff who work on energy/environment related policy issues for their Member of Congress
Angie Giancarlo	Appropriations Committee Minority	Professional Staff Member	angie.giancarlo@mail.house.gov	Senior or Legislative staff who work on energy/environment related policy issues for their Member of Congress
Sarah Cannon	Mike Simpson (R-ID)	Legislative Director	sarah.cannon@mail.house.gov	Senior or Legislative staff who work on energy/environment related policy issues for their Member of Congress
Sam Hatstrup	Bill Johnson (R-OH)	Legislative Director	sam.hatstrup@mail.house.gov	Senior or Legislative staff who work on energy/environment related policy issues for their Member of Congress

Brandon Larkin	Paul Tonko (D-NY)	Deputy Chief of Staff	brendan.larkin@mail.house.gov	Senior or Legislative staff who work on energy/environment related policy issues for their Member of Congress
Max Pedrotti	Carol Miller (R-WV)	Legislative Director	max.pedrotti@mail.house.gov	Senior or Legislative staff who work on energy/environment related policy issues for their Member of Congress
Richie O'Connell	Ken Calvert (R-CA)	Legislative Director	richie.o'connell@mail.house.gov	Senior or Legislative staff who work on energy/environment related policy issues for their Member of Congress
Luke Graefer	Brad Wenstrup (R-OH)	Legislative Assistant	luke.graeter@mail.house.gov	Senior or Legislative staff who work on energy/environment related policy issues for their Member of Congress
Tom Erb	Scott Peters (D-CA)	Senior Legislative Assistant for Climate	tom.erb@mail.house.gov	Senior or Legislative staff who work on energy/environment related policy issues for their Member of Congress



Atlantic Council

GLOBAL ENERGY CENTER

United Arab Emirates Energy Study Trip

**October 1-8, 2022 • Abu Dhabi • United Arab
Emirates**

Draft Agenda as of August 26, 2022

ANNOTATED AGENDA

Saturday, October 1

9:15 p.m. **Flight departure**
Location: Washington Dulles International Airport
Flight number: EY 130
Airline: Etihad Airways

Sunday, October 2

6:15 p.m. **Arrival in Abu Dhabi, United Arab Emirates**
Location: Abu Dhabi International Airport

7:15 – 7:30 p.m. **Travel from airport to hotel**
Location:
St. Regis Abu Dhabi
Nation Tower, Corniche
P.O. Box 60476
Abu Dhabi
United Arab Emirates
Transportation: Coach Bus

7:30 - 8:30 p.m. **Executive Time**

8:30 – 10:30 p.m. **Welcome Dinner and Briefing: State of the United Arab Emirates**
Location: The Terrace at the St. Regis, Abu Dhabi

Briefer:
Mr. Dave Scott, Executive Director of Economic Affairs, Executive Affairs
Authority, Abu Dhabi

Staffers will receive an overview of the United Arab Emirates, serving to help familiarize them with relevant information. This will serve as part of their foundational understanding of the country and provide an opportunity to gain topical knowledge in preparation for the following days.

RON: St. Regis, Abu Dhabi

Monday, October 3

7:30 – 8:30 a.m. **Breakfast**
Location: The Terrace on the Corniche at the St. Regis

8:30 – 11:30 a.m. **Travel to Barakah Nuclear Power Plant**

Transportation: Coach Bus

Advisory: Please ensure to come dressed in appropriate clothing for a walk down of the construction site at Barakah, and bring your passport as that's the identification document corresponding to the documents used to issue the Security Clearance Pass.

Briefing on Nuclear Energy 101 and preview of Barakah visit (30 minutes):

Briefer:

Mr. Reed Blakemore, *Acting Director, Global Energy Center, Atlantic Council*

Staffers will receive a briefing on nuclear energy and the UAE and what to expect from visiting the Barakah Nuclear Power Plant.

11:30 a.m. – 12:00 p.m. Meeting with Emirates Nuclear Energy Corporation

Location: Barakah Nuclear Power Plant

Briefer:

Mohamed Al Hammadi, *Chief Executive Officer, Emirates Nuclear Energy Corporation*

Founded in 2009, the Emirates Nuclear Energy Corporation (ENEC) is responsible for the implementation of the UAE's nuclear energy program. The move to pursue a nuclear program was in part due to the sustainability goals outlined under the Abu Dhabi Economic Vision 2030. ENEC's main priority is to deliver safe, clean, efficient, and reliable nuclear energy to the UAE grid in order to establish a more diversified power mix and provide a lower carbon emissions alternative to burning oil or gas. The short-term goal is to get the Barakah nuclear facility operational, at which point, ENEC will turn to focusing on operations at Barakah, while developing plans to expand nuclear operations to other locations.

12:00 – 1:00 p.m. Nuclear Briefing Presentation

Briefer:

Eng. Ali Al Nuaimi, *Senior Reactor Operator, Emirates Nuclear Energy Corporation*

Barakah is the first nuclear site under construction in the UAE, designed with four APR1400 nuclear reactors to produce 5.6 GW of energy when all reactors are operational. The Korea Electric Power Corporation won the bid to design and build the facility. Unit 1 started to commercially operate in April 2021 and Unit 2 in March 2022. Unit 3 and 4 are in the final stages. The United States nuclear supply chain contributed significantly to the success of this project.

1:00 – 2:00 p.m. Site Visit: Barakah Nuclear Power Plant

Briefer:

Hasan Al Shemeili, *Nuclear Performance Improvement Manager*, Nawah Energy Company

Staffers will receive a tour of the Barakah Nuclear Power Plant during which they'll be shown the different Units and gain an impression of the workings of the Power Plant from the inside.

2:00 – 3:00 p.m.

Lunch

Location: Barakah

3:00 – 6:00 p.m.

Travel to Abu Dhabi

Transportation: Coach Bus

6:00 – 7:10 p.m.

Executive time

7:10 – 7:30 p.m.

Travel to restaurant

7:30 – 9:30 p.m.

Dinner Briefing and Discussion with US Embassy Abu Dhabi

Location: Restaurant TBD

Briefers:

Sean Murphy, *Chargé d'Affaires*, US Embassy in the UAE

Staffers will hear about contemporary issues in the UAE from the perspective of members of the US embassy in Abu Dhabi. This dinner will provide staffers with the opportunity to get a sense of both political and economic concerns in the UAE.

9:30 – 10:00 p.m.

Return to the Hotel

Transportation: Coach Bus

RON:

St. Regis, Abu Dhabi

Tuesday, October 4

7:15 – 8:15 a.m.

Breakfast

Location: The Terrace on the Corniche at the St. Regis

8:15 – 9:30 a.m.

Travel to Masdar City (Siemens Entrance Building)

Transportation: Coach Bus

9:30 – 10:00 a.m.

Introductory tour of Masdar City

Location: Masdar, Masdar City, Abu Dhabi

Briefer:

TBD

Construction began on Masdar City in 2008 in order to build a completely sustainable city, juxtaposing urban planning with green technologies. It aims to advance the development and adoption of commercially viable solutions in renewable energy and sustainable real estate that address the sustainability challenges of the UAE, the Middle East and international markets. Masdar City implements an array of cutting-edge technologies to meet sustainability goals.

10:00 – 11:00 a.m.

Meeting with Masdar CEO & Executive Team

Location: Masdar, Masdar City, Abu Dhabi

Briefer:

Mohamed Al Ramahi, *Chief Executive Officer*, Masdar

Prior to touring Masdar City, the staffers will have the opportunity to sit down with Mr. Al Ramahi, the CEO of Masdar since 2016. Mr. Al Ramahi leads the strategic development of Abu Dhabi Future Energy Company (Masdar), today a leading global commercial enterprise in renewable energy and clean technologies. He has played an instrumental role in the company's emergence over the last decade, both as a catalyst for renewable energy in the Arab world and as an early adopter of advanced clean technologies at scale in key international markets.

11:00 – 11:30 a.m.

Bus tour of Masdar City to view upcoming projects

Location: Masdar City, Abu Dhabi

Briefer:

TBD

This will allow staffers to see new initiatives Masdar City will begin implanting. Masdar City utilizes a variety of new technologies in order to promote sustainability and clean energy goals.

11:30 a.m. – 12:30 p.m. **Site visit within Masdar City: Seawater Energy and Agriculture System**

Location: Masdar City, Abu Dhabi

Briefer:

TBD

The UAE is a place where water scarcity is prevalent, and food security is of utmost importance. The Seawater Energy and Agriculture System is the flagship project of the Sustainable Bioenergy Research Consortium and combines an integrated system of aquaculture and agriculture to produce sustainable biofuels for aviation and other byproducts such as seafood. Seawater is pumped in to aquaculture ponds containing shrimp and fish. Nutrient rich water from the ponds is then used to irrigate fields of Salicornia, a halophytic (salt-loving) crop, which produces oilseeds, used in biofuels. The effluent from the fields is then

channeled into a mangrove swamp, where the water is naturally filtered before reaching the sea.

12:30 – 1:15 p.m.

Lunch

Location: TBD

1:15 – 2:00 p.m.

Travel time to ADNOC

Transportation: Coach Bus

2:00 – 2:45 p.m.

Briefing from Abu Dhabi National Oil Company's Panorama Data Analytics Suite

Location: ADNOC Headquarters, PO Box 898, Abu Dhabi

Briefer:

TBD

The Abu Dhabi National Oil Company (ADNOC) is one of the world's largest oil companies, with subsidiaries across the entire hydrocarbon value chain. ADNOC is working to become more integrated to ensure a more sustainable and economical oil and gas supply. This is being aided by the Panorama Data Analytics Suite. ADNOC's Panorama Digital Command Center draws from a massive set of data points across the company, from the upstream to the downstream and global distribution network, to provide a single access point to ADNOC's real time performance. Using smart analytical models and, increasingly, leveraging advanced AI platforms, it uses big data to generate operational insights and recommend new, integrated pathways to optimize and enhance performance and create additional value.

2:45 – 3:30 p.m.

Travel time to Al Reyadah

Transportation: Coach Bus

3:30 – 4:30 p.m.

Site Visit: Al Reyadah – Carbon Capture, Usage, and Sequestration Company

Location: Al Reyadah, Abu Dhabi

Briefer:

TBD

This project is currently operating by capturing carbon dioxide from the flue gas of an Emirates Steel production facility and then using this carbon dioxide in enhanced oil recovery (EOR) at a nearby oil field. The main objectives of the project are to reduce the carbon footprint of the United Arab Emirates, implement EOR in subsurface oil reservoirs, and free up natural gas that would have been used for oil field pressure maintenance. The Al Reyadah project captures, transports, and injects just under 900,000 tons of carbon dioxide per year

4:30 – 5:15 p.m.

Travel time to Department of Energy

Transportation: Coach Bus

5:15 – 6:15 p.m.

Briefing from Department of Energy, Abu Dhabi on the energy transition

Location: Al Maqam Tower Building number: 99 Floor: 32, 33, Abu Dhabi

Briefer:

H.E. Eng. Awaidha Murshed Al Marar, *Chairman*, Department of Energy

The Department of Energy in Abu Dhabi is responsible for facilitating the development of the energy sector within the Emirate and to support the economic, environmental, and social sustainability requirements of Abu Dhabi as part of Abu Dhabi 2030 Vision, which aims to establish a robust and secure society with a sustainable economy. As such, the Department of Energy also oversees the energy transition within the Emirate.

6:15 - 6:30 p.m.

Travel time to hotel

Transportation: Coach Bus

6:30 – 7:00 p.m.

Executive time

7:00 - 7:30 p.m.

Travel time to restaurant

Transportation: Coach Bus

7:30 – 9:30 p.m.

Dinner briefing on UAE's Energy Economy

Location: Cafe Milano, Four Seasons Abu Dhabi

Briefers:

Ms. Costanza Jacazio, *Manager, Energy Economics*, ADNOC

Mr. Tit Andrej Erker, *Senior Economist*, Abu Dhabi Investment Authority

The UAE is an energy economy. So far, everything that has been built and created within the UAE by its government, is funded by the energy sector. The staffers will have an opportunity to heard from the Abu Dhabi Investment Authority (ADIA), the largest sovereign wealth fund of the country, and from ADNOC's energy economics manager to gain a better understanding of the UAE's economy and what the plans are for the future as the UAE is working to diversify its economy.

9:30 - 10:00 p.m.

Travel time to hotel

Transportation: Coach bus

RON:

St. Regis, Abu Dhabi

Wednesday, October 5

7:00 – 8:00 a.m.

Breakfast

Location: The Terrace on the Corniche at the St. Regis

8:00 – 9:30 a.m.

Travel time to Emirates Global Aluminium

Transportation: Coach Bus

9:30 – 10:30 a.m.

Meet with Emirates Global Aluminium

Location: Emirates Global Aluminium, Sheikh Zayed Road, Jebel Ali, (opposite Ibn Battuta Mall), Dubai

Briefer:

Mr. Abdalnasser Ibrahim Saif Bin Kalban, *Chief Executive Officer*, Emirates Global Aluminium

Emirates Global Aluminium (EGA) is the world's largest 'premium aluminium' producer and is the biggest UAE exporter outside of the oil and gas industry, producing 4 percent of the world's aluminum. EGA began in the 1970s when the UAE was exporting no aluminum and has transformed the industry to be a major player in the aluminum market. EGA currently operates smelters in Abu Dhabi and Dubai and is developing an alumina refinery in the UAE and a bauxite mine and export facility in the Republic of Guinea.

10:30 a.m. – 12:00 p.m. **Site visit: Emirates Global Aluminium industrial plant**

Briefer:

TBD

The EGA plant at Jebel Ali was built in 1976 and was the first aluminum smelter to be built in the UAE and the second in the region. When production began in 1979, the production capacity was 135,000 metric tons, but after eight expansions, this has increased to over one million metric tons of aluminum per year. This plant is capable of producing a range of purities of aluminum and can go as high as 99.96 percent, which makes aluminum for specialist aviation and electronics.

12:00 - 12:30 p.m.

Travel time to lunch

Transportation: Coach Bus

12:30 - 1:30 p.m.

Lunch

Location: TBD

1:30 – 2:00 p.m.

Travel time to Ministry of Climate Change and Environment Dubai Office

Transportation: Coach Bus

2:00 – 3:00 p.m.

Meet with Ministry of Climate Change and Environment

Location: Dubai Al Ruwayyah 2 Area Beside Zayed University, Dubai – Al Ain Road, Dubai

Briefer:

H.E. Mariam Almheiri, *Minister of Climate Change and Environment*, United Arab Emirates

The current Ministry of Climate Change and Environment was begun in 2016 when the role of the Ministry of Environment and Water was expanded to manage all aspects related to international and domestic climate change affairs. This ministry has its beginnings, though, in 1975 with the Supreme Committee for Environment. The ministry is working towards a more sustainable future for the UAE and monitors climate change issues, as well as developing plans, strategies, and policies regarding the environment and agriculture. They are also spearheading, together with the Special Envoy for Climate Change, H.E. Dr. Sultan Al Jaber, the preparations of COP28.

3:00 - 3:45 p.m.

Travel time to Expo2020

Transportation: Coach Bus

3:45 – 5:15 p.m.

Exploring Expo2020 & COP28

Location: Expo2020

Briefer:

TBD

The UAE will be hosting COP28 in 2023. Staffers will receive a briefing from the COP28 organizers to gain a better idea of how the UAE is looking forward to hosting COP28, what world leaders can expect and what the UAE hopes to achieve at COP28.

5:15 – 7:30 p.m.

Executive time

7:30 - 8:00 p.m.

Travel time to dinner

Transportation: Coach Bus

8:00 - 9:30 p.m.

Dinner briefing from ACWA Power

Location: TBD

Briefer:

Mr. Paddy Padmanathan, Vice-Chairman and CEO, ACWA Power

ACWA Power is a private company, based in Saudi Arabia, with a presence in ten countries. ACWA works to produce power and desalinated water at the lowest possible cost and is capable of producing more than twenty-seven GW of power and over three million cubic meters of desalinated water daily.

9:30 – 11:00 p.m.

Travel time to hotel

Transportation: Coach Bus

RON:

St. Regis, Abu Dhabi

Thursday, October 6

7:30 – 8:30 a.m.

Breakfast

Location: The Terrace on the Corniche at the St. Regis

8:30 - 10:15 a.m.

Executive time

10:15 – 10:45 a.m.

Travel to Mubadala Investment Company

Transportation: Coach Bus

10:45 – 11:45 a.m.

Briefing from Mubadala Investment Company

Location: Mubadala Investment Company

Briefer:

Mr. Musabbeh Al Kaabi, *Chief Executive Officer*, Mubadala UAE Investments Platform

The Mubadala's UAE Investments platform contributes to the acceleration of the UAE's economic transformation, and the development of homegrown businesses, fostering vibrant industrial and commercial clusters, and partnering with global entities. The UAE Investments portfolio includes UAE-led assets in multiple sectors including energy, metals, aerospace, technology, healthcare, real estate and infrastructure. Staffers will gain an impression on how Mubadala, one of the largest sovereign wealth funds of the UAE, uses its funds to invest in the local economy as part of the energy transition.

11:45 a.m. - 12:00 p.m.

Travel time to lunch

Transportation: Coach Bus

12:00 - 1:00 p.m.

Lunch

Location: TBD

1:00 – 2:30 p.m.

Travel time to DEWA

Transportation: Coach Bus

2:30 - 3:30 p.m.

Meet with Dubai Electricity and Water Authority

Location: Dubai Electricity and Water Authority, PO Box 564, Dubai

Briefer:

H.E. Saeed Mohammed Al Tayer, *Managing Director and Chief Executive Officer*, Dubai Electricity and Water Authority

The Dubai Electricity and Water Authority (DEWA) was formed in 1992 from a merger between the Dubai Electric Company and Dubai Water Department. Since then, DEWA has become one of the best ranking utilities companies in the world, supplying over 780,000 customers. DEWA has recently begun to

incorporate solar into its power generation mix in an effort to decrease dependence on gas-fired power facilities.

3:30 - 5:00 p.m.

Site visit: DEWA Jebel Ali Power Plant & Desalination Complex

Location: DEWA Jebel Ali Power Plant & Desalination Complex, Dubai

Briefer:

TBD

The Jebel Ali facility is the largest electricity generation and water desalination plant in the UAE. The DEWA operated plant has an installed capacity of over 2,100 MW and 140 million imperial gallons of water per day, with an expansion underway to bring power production to over 2,800 MW.

5:00 - 6:30 p.m.

Travel time to Abu Dhabi

Transportation: Coach Bus

6:30 - 7:30 p.m.

Executive time

7:30 - 9:30 p.m.

Dinner and discussion on economic diversification in the Gulf

Location: Catch, St. Regis on the Corniche

Briefer:

Ms. Bina Hussein, *Nonresident Fellow, Global Energy Center, Atlantic Council*

The energy transition and diversifying the economy away from the oil and gas sector are the two main priorities for the UAE and the Gulf countries in general. How do the Gulf countries go about achieving this? What are some of the obstacles? How likely are they to achieve their goal? And what are some of the opportunities for foreign investment and partnerships?

RON:

St. Regis, Abu Dhabi

Friday, October 7

8:00 - 9:00 a.m.

Breakfast

Location: The Terrace on the Corniche at the St. Regis

9:00 - 9:45 a.m.

Travel to IRENA

Transportation: Coach Bus

9:45 - 10:45 a.m.

Briefing from International Renewable Energy Agency

Location: IRENA Headquarters in Masdar City

Briefer:

Dr. Nawal Al-Hosany, *Permanent Representative of the UAE, International Renewable Energy Agency (IRENA)*

IRENA, headquartered in the UAE is an intergovernmental organization that supports countries in their transition to a sustainable energy future, and serves as the principal platform for international cooperation, a center of excellence, and a repository of policy, technology, resource and financial knowledge on renewable energy. With over 180 countries engaged, IRENA encourages governments to adopt enabling policies for renewable energy investments, provides practical tools and policy advice to accelerate renewable energy deployment, and facilitates knowledge sharing and technology transfer to provide clean, sustainable energy for the world's growing population.

10:45 - 11:30 a.m. **Travel to Ministry of Energy & Infrastructure**

Transportation: Coach Bus

11:30 a.m. – 12:30 p.m. **Briefing from Ministry of Energy & Infrastructure**

Location: Ministry of Energy & Infrastructure

Briefer:

H.E. Suhail Al Mazrouei, *Minister of Energy & Infrastructure*, United Arab Emirates

Minister Al Mazrouei oversees the energy and infrastructure sector of the UAE and is responsible for ensuring that the UAE remains one of the global leaders when it comes to the energy sector. The UAE is also part of the OPEC+ group and has played a pivotal role in the decision making on oil production as part of OPEC+.

12:30 - 1:00 p.m. **Travel to lunch**

Transportation: Coach Bus

1:00 - 2:30 p.m. **Lunch and Discussion with the Office of the Special Envoy for Climate Change**

Location: TBD

Briefer:

Ms. Hana AlHashimi, *Head of the Office of the Special Envoy for Climate Change*, United Arab Emirates

UAE recognizes climate change as a defining threat to humanity and the planet but also views climate action as an unprecedented opportunity for economic growth and job creation. The UAE is one of the world's largest sovereign investors in climate solutions like renewable energy and carbon capture and a committed partner in global initiatives to scale up climate action. During the meeting, the staffers will learn more about what the UAE is doing on climate change and engage in a discussion with the Head of the Office of the Special Envoy for Climate Change.

2:30 - 3:00 p.m. **Travel to Taqa**

Transportation: Coach Bus

3:00 – 4:30 p.m.

Briefing on Hydrogen in the UAE

Location: Al Maqam Tower 3, Abu Dhabi

Briefer:

Mr. Jasim Husain Thabet, *Group Chief Executive Officer and Managing Director, Taqa*

With ADNOC, Masdar, and Mubadala as partners, TAQA is responsible for building the hydrogen sector in the UAE. Green hydrogen plays an important role in the utility firm's portfolio of renewables. As part of the company's 2030 growth strategy, TAQA aims to increase its gross power capacity to 30 GW from 18 GW in the UAE and adding up to 15 GW internationally.

4:30 - 6:30 p.m.

Executive time

6:30 - 7:00 p.m.

Travel to restaurant

Transportation: Coach Bus

7:00 – 9:30 p.m.

Dinner debrief and discussion on trip

Location: TBD

Briefers:

Mr. Reed Blakemore, *Acting Director, Global Energy Center, Atlantic Council*

Ms. Bina Hussein, *Nonresident Fellow, Global Energy Center, Atlantic Council*

Ms. Kathryn Kenney, *Associate Director, Global Energy Center, Atlantic Council*

During the final dinner on the trip, staffers will look back on the week and discuss any final thoughts and questions that will be answered by the organizing experts.

9:30 - 9:45 p.m.

Travel to hotel

Transportation: Coach Bus

RON:

St. Regis, Abu Dhabi

Saturday, October 8

7:00 - 8:00 a.m.

Breakfast & checking out of hotel

Location: The Terrace on the Corniche at the St. Regis

8:00 - 8:45 a.m.

Travel to the airport

Transportation: Coach Bus

8:45 - 11:00 a.m.

Executive time

11:00 a.m.

Flight departure

Location: Abu Dhabi International Airport

Flight number: EY 131
Airline: Etihad Airways

5:25 p.m.

Flight arrival in Washington, DC



Atlantic Council

GLOBAL ENERGY CENTER

United Arab Emirates Energy Study Trip

**October 1-8, 2022 • Abu Dhabi • United Arab
Emirates**

ANNOTATED AGENDA

Saturday, October 1

9:15 p.m. **Flight departure**
Location: Washington Dulles International Airport
Flight number: EY 130
Airline: Etihad Airways

Sunday, October 2

6:15 p.m. **Arrival in Abu Dhabi, United Arab Emirates**
Location: Abu Dhabi International Airport

7:15 – 7:30 p.m. **Travel from airport to hotel**
Location:
St. Regis Abu Dhabi
Nation Tower, Corniche
P.O. Box 60476
Abu Dhabi
United Arab Emirates
Transportation: Coach Bus

7:30 - 8:30 p.m. **Executive Time**

8:30 – 10:30 p.m. **Welcome Dinner and Briefing: State of the United Arab Emirates**
Location: The Terrace at the St. Regis, Abu Dhabi

Briefer:
Mr. Dave Scott, Executive Director of Economic Affairs, Executive Affairs
Authority, Abu Dhabi

Staffers will receive an overview of the United Arab Emirates, serving to help familiarize them with relevant information. This will serve as part of their foundational understanding of the country and provide an opportunity to gain topical knowledge in preparation for the following days.

10:30 p.m. **PCR-Test taking place**

RON: St. Regis, Abu Dhabi

Monday, October 3

8:30 – 9:30 a.m. **Breakfast**
Location: The Terrace on the Corniche at the St. Regis

9:30 - 10:00 a.m.

Travel to Ministry of Energy & Infrastructure

Transportation: Coach Bus

10:00 – 11:30 a.m.

Briefing from Ministry of Energy & Infrastructure (requires 48-hour negative PCR-test)

Location: Ministry of Energy and Infrastructure, 9th floor, Al- Falah Street next to the Ministry of Finance in Abu Dhabi

Briefer:

H.E. Suhail Al Mazrouei, Minister of Energy & Infrastructure, United Arab Emirates

Minister Al Mazrouei oversees the energy and infrastructure sector of the UAE and is responsible for ensuring that the UAE remains one of the global leaders when it comes to the energy sector. The UAE is also part of the OPEC+ group and has played a pivotal role in the decision making on oil production as part of OPEC+.

11:30 - 11:45 a.m.

Travel to St. Regis Abu Dhabi

Transportation: Coach Bus

11:45 a.m. - 1:00 p.m.

Executive time and lunch

Location: The Terrace on the Corniche at the St. Regis

1:00 – 2:00 p.m.

Travel to ENEC HQ, Masdar City

Transportation: Coach Bus

2:00 p.m. – 3:30 p.m.

Meeting with Emirates Nuclear Energy Corporation (requires 72-hour negative PCR-test)

Location: ENEC, Masdar City

Briefer:

Mohamed Al Hammadi, Chief Executive Officer, Emirates Nuclear Energy Corporation

Founded in 2009, the Emirates Nuclear Energy Corporation (ENEC) is responsible for the implementation of the UAE's nuclear energy program. The move to pursue a nuclear program was in part due to the sustainability goals outlined under the Abu Dhabi Economic Vision 2030. ENEC's main priority is to deliver safe, clean, efficient, and reliable nuclear energy to the UAE grid in order to establish a more diversified power mix and provide a lower carbon emissions alternative to burning oil or gas. The short-term goal is to get the Barakah nuclear facility operational, at which point, ENEC will turn to focusing on operations at Barakah, while developing plans to expand nuclear operations to other locations.

3:30 – 4:00 p.m.

Travel to St. Regis Abu Dhabi

Transportation: Coach Bus

4:00 – 7:15 p.m. **PCR-Test taking place and Executive time**

7:15 – 7:30 p.m. **Walk to restaurant**

7:30 – 10:30 p.m. **Reception and Dinner Briefing with US Embassy Abu Dhabi**

Location: Catch, St. Regis on the Corniche

Briefers:

Sean Murphy, *Chargé d'Affaires*, US Embassy Abu Dhabi

Matthew Pagett, *Environment, Science, Technology, and Health Officer*, US Embassy Abu Dhabi

Eric Williams, *Deputy Economic Counselor*, US Embassy Abu Dhabi

Staffers will hear about contemporary issues in the UAE from the perspective of members of the US embassy in Abu Dhabi. This dinner will provide staffers with the opportunity to get a sense of both political and economic concerns in the UAE.

RON: St. Regis, Abu Dhabi

Tuesday, October 4

6:00 – 6:30 a.m. **Breakfast**

Location: The Terrace on the Corniche at the St. Regis

6:30 – 8:30 a.m. **Travel to Dubai**

Transportation: Coach Bus

8:30 - 10:00 a.m. **Meet with Dubai Electricity and Water Authority (requires a 72-hour negative PCR-test)**

Location: Dubai Electricity and Water Authority, Sheikh Rashid Road, Umm Hureir 2, Umm Hureir, Dubai (near Wafi Mall)

Briefer:

H.E. Saeed Mohammed Al Tayer, *Managing Director and Chief Executive Officer*, Dubai Electricity and Water Authority

The Dubai Electricity and Water Authority (DEWA) was formed in 1992 from a merger between the Dubai Electric Company and Dubai Water Department. Since then, DEWA has become one of the best ranking utilities companies in the world, supplying over 780,000 customers. DEWA has recently begun to incorporate solar into its power generation mix in an effort to decrease dependence on gas-fired power facilities.

9:30 a.m. – 1:00 p.m. **Executive time**

1:00 – 2:30 p.m. **Lunch and Briefing on Dubai's Economy and Role within the Emirates**

Location: Zou Zou Restaurant, Dubai Mall

Briefer:

Bina Hussein, *Nonresident Fellow, Global Energy Center, Atlantic Council*

The UAE consists of seven different Emirates, Dubai being one of them. While the UAE is known as an energy economy, Dubai is comparatively to the other Emirates energy poor, and has struggled throughout its history creating a sustainable economy. Staffers will receive a briefing on Dubai's economy, the role it plays within the UAE, and what Dubai is doing to create a sustainable economy.

2:30 - 3:15 p.m.

Travel time to Expo2020

Transportation: Coach Bus

3:15 – 4:45 p.m.

Exploring Expo2020 & COP28

Location: Expo2020

Briefers:

Reed Blakemore, *Acting Director, Global Energy Center, Atlantic Council*

Kathryn Kenney, *Associate Director, Global Energy Center, Atlantic Council*

The UAE will be hosting COP28 in 2023. Staffers will receive a briefing to gain a better idea of how the UAE is looking forward to hosting COP28, what world leaders can expect and what the UAE hopes to achieve at COP28.

4:45 - 6:15 p.m.

Travel time to St. Regis Abu Dhabi

Transportation: Coach Bus

6:15 – 7:30 p.m.

Executive time

7:30 - 8:00 p.m.

Travel time to Cafe Milano, Four Seasons

Transportation: Coach Bus

8:00 – 10:30 p.m.

Dinner briefing on UAE's Energy Economy

Location: Cafe Milano, Four Seasons Abu Dhabi

Briefers:

Costanza Jacazio, *Manager, Energy Economics, ADNOC*

Tit Andrej Erker, *Senior Economist, Abu Dhabi Investment Authority*

The UAE is an energy economy. So far, everything that has been built and created within the UAE by its government, is funded by the energy sector. The staffers will have an opportunity to heard from the Abu Dhabi Investment Authority (ADIA), the largest sovereign wealth fund of the country, and from ADNOC's energy economics manager to gain a better understanding of the UAE's economy and what the plans are for the future as the UAE is working to diversify its economy.

10:30 - 11:00 p.m.

Travel time to hotel

Transportation: Coach bus

RON: St. Regis, Abu Dhabi

Wednesday, October 5

~~-7:00—10:45 a.m.~~ **Travel to Barakah Nuclear Power Plant**

~~Transportation: Coach Bus~~

~~Advisory: Please ensure to come dressed in appropriate clothing (business casual) for a walk-down of the construction site at Barakah and bring your passport as that's the identification document corresponding to the documents used to issue the Security Clearance Pass.~~

Briefing on Nuclear Energy 101 and preview of Barakah visit (1 hour):

~~Briefer:~~

~~Mr. Reed Blakemore, Acting Director, Global Energy Center, Atlantic Council~~

~~Staffers will receive a briefing on nuclear energy and the UAE and what to expect from visiting the Barakah Nuclear Power Plant.~~

~~10:45 a.m. — 12:00 p.m.~~ **Nuclear Briefing Presentation (refreshments & snacks will be served) (requires 48-hour negative PCR test)**

~~Location: Barakah Nuclear Power Plant~~

~~Briefer:~~

~~Eng. Ali Al Nuaimi, Senior Reactor Operator, Emirates Nuclear Energy Corporation~~

~~Barakah is the first nuclear site under construction in the UAE, designed with four APR1400 nuclear reactors to produce 5.6 GW of energy when all reactors are operational. The Korea Electric Power Corporation won the bid to design and build the facility. Unit 1 started to commercially operate in April 2021 and Unit 2 in March 2022. Unit 3 and 4 are in the final stages. The United States nuclear supply chain contributed significantly to the success of this project.~~

~~-12:00—2:15 p.m.~~ **Lunch & Site Tour: Barakah Nuclear Power Plant (requires 48-hour negative PCR test)**

~~Location: Barakah Nuclear Power Plant~~

~~Briefer:~~

~~Hasan Al Shemeili, Nuclear Performance Improvement Manager, Nawah Energy Company~~

~~Staffers will receive a tour of the Barakah Nuclear Power Plant during which they'll be shown the different Units and gain an impression of the workings of the Power Plant from the inside.~~

~~2:15 – 6:00 p.m.~~ **Travel to St. Regis Abu Dhabi**
Transportation: Coach Bus

~~6:00 – 6:30 p.m.~~ **Executive Time**

[We were planning to go to Barakah up until Tuesday, October 4, when UAE Government Security, which manages security for Barakah, cancelled our tour. Due to the last-minute cancellation, we were unable to add additional meetings during the day. We were able to add the programming outlined below.]

8:00 – 9:00 a.m. **Breakfast**
Location: The Terrace on the Corniche at the St. Regis

9:00 a.m. – 12:00 p.m. **Executive Time**

12:00 – 2:00 p.m. **Lunch and Briefing on Nuclear Energy 101 and Barakah:**
Location: St. Regis Abu Dhabi

Briefer:

Mr. Reed Blakemore, *Acting Director, Global Energy Center, Atlantic Council*

Staffers will receive a briefing on nuclear energy and the UAE and what progress the UAE has made on the Barakah Nuclear Power Plant and what still needs to be done.

1:30 - 6:30 p.m. **Executive Time**

6:30 – 8:30 p.m. **Dinner and briefing on Climate Financing and International Collaboration from a UAE perspective**

Location: The Terrace on the Corniche at the St. Regis

Briefer:

Kathryn Kenney, *Associate Director, Global Energy Center, Atlantic Council*

Staffers will receive a briefing on what the UAE is doing on climate financing and international collaboration to fight climate change ahead of the evening meeting and briefing the staffers will receive on US Climate Policy & Financing and International Collaboration. This will ensure that staffers will have a well-rounded idea of what's being done both from a UAE and US perspective.

8:30 – 10:30 p.m. **Briefing on US Climate Policy & Financing and International Collaboration**
Location: St. Regis Abu Dhabi

Briefers:

David Livingston, *Senior Advisor, Office of the Special Presidential Envoy for Climate, US Department of State*

Kevin Adams, *Climate Finance Negotiator and Advisor, Office of the Special Presidential Envoy for Climate, US Department of State*

Staffers will receive a briefing from advisors to the Special Presidential Envoy for Climate, Secretary John Kerry, on US climate policy and financing and what the Administration is doing on international collaboration in climate change efforts, particularly with the UAE and in the lead up to COP27 and COP28.

RON: St. Regis Abu Dhabi

Thursday, October 6

6:30 – 7:00 a.m.

Breakfast

Location: The Terrace on the Corniche at the St. Regis

7:00 - 9:00 a.m.

Travel to Noor Abu Dhabi Solar Power Plant

Transportation: Coach Bus

9:00 – 11:00 p.m.

Site Visit: Noor Abu Dhabi Solar Power Plant

Location: Noor Solar Power Plant

Briefer:

Mohamed Jasem, *Manager, Government Affairs, TAQA*

Staffers will receive a tour of and briefing on the world's largest single-site solar power plant. Noor Abu Dhabi covers an area of 8 square kilometers and features 3.2 million solar panels. The plant produces approximately 1.2 gigawatts of power, reducing reliance on the usage of natural gas for electricity generation resulting in a carbon footprint reduction of 1 million metric tons per year. Noor Abu Dhabi began commercial operations in April 2019.

11:00 a.m. - 12:30 p.m. **Travel time to IRENA HQ**

Transportation: Coach Bus

12:30 - 1:45 p.m.

Lunch and Briefing from International Renewable Energy Agency (requires negative PCR-test)

Location: IRENA Headquarters in Masdar City

Briefer:

Dr. Nawal Al-Hosany, *Permanent Representative of the UAE, International Renewable Energy Agency (IRENA)*

IRENA, headquartered in the UAE is an intergovernmental organization that supports countries in their transition to a sustainable energy future, and serves as the principal platform for international cooperation, a center of excellence, and a repository of policy, technology, resource and financial knowledge on renewable energy. With over 180 countries engaged, IRENA encourages governments to adopt enabling policies for renewable energy investments, provides practical tools and policy advice to accelerate renewable energy deployment, and facilitates knowledge sharing and technology transfer to provide clean, sustainable energy for the world's growing population.

1:45 – 2:00 p.m.

Travel time to Masdar

Transportation: Coach Bus

2:00 - 3:00 p.m.

Presentation and tour of Masdar City *(requires 7-day negative PCR-test)*

Location: Masdar, Masdar City, Abu Dhabi

Briefer:

Michelle Sabti, *Corporate Relations, Masdar*

Construction began on Masdar City in 2008 in order to build a completely sustainable city, juxtaposing urban planning with green technologies. It aims to advance the development and adoption of commercially viable solutions in renewable energy and sustainable real estate that address the sustainability challenges of the UAE, the Middle East and international markets. Masdar City implements an array of cutting-edge technologies to meet sustainability goals.

3:00 – 4:00 p.m.

Travel to Mubadala Investment Company

Transportation: Coach Bus

4:00 – 5:00 p.m.

Briefing from Mubadala Investment Company

Location: Mubadala Investment Company

Briefer:

Khaled Al Qubaisi, *Chief Executive Officer, Real Estate and Infrastructure Investments, Mubadala Investment Company*

Mr. Al Qubaisi is in addition to running the Real Estate and Infrastructure Investments branch of Mubadala also a member of the Investment Committee at Mubadala, which is mandated to develop the organization's investment policies and guidelines. Staffers will gain an impression on how Mubadala contributes to the acceleration of the UAE's economic transformation, and the development of homegrown businesses, fostering vibrant industrial and commercial clusters, and partnering with global entities, and how Mubadala, one of the largest sovereign wealth funds of the UAE, uses its funds to invest in the local economy as part of the energy transition.

5:00 – 5:30 p.m.

Travel to St. Regis Abu Dhabi

Transportation: Coach Bus

5:30 - 7:00 p.m.

Executive time

7:00 – 7:30 p.m.

Travel to St. Regis Saadiyat Island

Transportation: Coach Bus

7:30 - 9:30 p.m.

Dinner on economic diversification in the Gulf

Location: Sontaya Restaurant, St. Regis Saadiyat Island

Briefer:

Ms. Bina Hussein, *Nonresident Fellow, Global Energy Center, Atlantic Council*

The energy transition and diversifying the economy away from the oil and gas sector are the two main priorities for the UAE and the Gulf countries in general. How do the Gulf countries go about achieving this? What are some of the obstacles? How likely are they to achieve their goal? And what are some of the opportunities for foreign investment and partnerships?

9:30 – 10:00 p.m. **Travel to St. Regis Abu Dhabi**
Transportation: Coach Bus

RON: St. Regis, Abu Dhabi

Friday, October 7

7:00 – 7:45 a.m. **Travel time to Al Reyadah**
Transportation: Coach Bus

7:45 – 9:30 a.m. **Tour and Briefing: Al Reyadah – Carbon Capture, Usage, and Sequestration Company**
Location: Al Reyadah

Briefer:

Rickin Majithia, *Manager, Technology Communications, Group Communications & Corporate Social Responsibility Function, ADNOC Group*

This project is currently operating by capturing carbon dioxide from the flue gas of an Emirates Steel production facility and then using this carbon dioxide in enhanced oil recovery (EOR) at a nearby oil field. The main objectives of the project are to reduce the carbon footprint of the United Arab Emirates, implement EOR in subsurface oil reservoirs, and free up natural gas that would have been used for oil field pressure maintenance. The Al Reyadah project captures, transports, and injects just under 900,000 tons of carbon dioxide per year.

9:30 – 10:30 a.m. **Travel time to ADNOC HQ**
Transportation: Coach Bus

10:30 a.m. – 1:00 p.m. **Briefing from Abu Dhabi National Oil Company's Panorama Data Analytics Suite**
Location: ADNOC Headquarters, PO Box 898, Abu Dhabi

Briefer:

Sophie Hildebrand, *Chief Technology Officer, ADNOC Group*

The Abu Dhabi National Oil Company (ADNOC) is one of the world's largest oil companies, with subsidiaries across the entire hydrocarbon value chain. ADNOC is working to become more integrated to ensure a more sustainable and

economical oil and gas supply. This is being aided by the Panorama Data Analytics Suite. ADNOC's Panorama Digital Command Center draws from a massive set of data points across the company, from the upstream to the downstream and global distribution network, to provide a single access point to ADNOC's real time performance. Using smart analytical models and, increasingly, leveraging advanced AI platforms, it uses big data to generate operational insights and recommend new, integrated pathways to optimize and enhance performance and create additional value.

1:00 – 1:15 p.m. **Travel time to St. Regis Abu Dhabi**
Transportation: Coach Bus

1:15 – 7:30 p.m. **Executive time**

7:30 - 8:00 p.m. **Travel to Emirates Palace**
Transportation: Coach Bus

8:00 – 10:00 p.m. **Dinner debrief and discussion on trip**
Location: Mezlai Restaurant

Briefers:

Bina Hussein, *Nonresident Fellow, Global Energy Center, Atlantic Council*
Kathryn Kenney, *Associate Director, Global Energy Center, Atlantic Council*

During the final dinner on the trip, staffers will look back on the week and discuss any final thoughts and questions that will be answered by the organizing experts.

10:00 - 10:15 p.m. **Travel to hotel**
Transportation: Coach Bus

RON: St. Regis, Abu Dhabi

Saturday, October 8

7:00 - 8:00 a.m. **Breakfast and Check out**
Location: The Terrace on the Corniche at the St. Regis

8:00 - 8:45 a.m. **Travel to the airport**
Transportation: Coach Bus

8:45 - 11:00 a.m. **Executive time**

11:00 a.m. **Flight departure**
Location: Abu Dhabi International Airport
Flight number: EY 131
Airline: Etihad Airways

5:25 p.m.

Flight arrival in Washington, DC

**Description of all Meeting and Events
Atlantic Council UAE Staff Del 2022**

**Welcome Dinner and Briefing: State of the United Arab Emirates w/ Mr. Dave Scott,
Executive Director of Economic Affairs, Executive Affairs Authority, Abu Dhabi**

- Staff received an overview of the United Arab Emirates, serving to help familiarize them with relevant information prior to subsequent meetings.

**Briefing from UAE Ministry of Energy & Infrastructure w/ H.E. Suhail Al Mazrouei,
Minister of Energy & Infrastructure, United Arab Emirates**

- Staff heard from Minister Al Mazrouei who oversees the energy and infrastructure sector of the UAE and is responsible for ensuring that the UAE remains one of the global leaders when it comes to the energy sector. The UAE is also part of the OPEC+ group and has played a pivotal role in the decision making on oil production as part of OPEC+.

**Meeting with Emirates Nuclear Energy Corporation and Mohamed Al Hammadi, Chief
Executive Officer, Emirates Nuclear Energy Corporation**

- Staff heard from and asked questions of the Emirates Nuclear Energy Corporation (ENEC) who is responsible for the implementation of the UAE's nuclear energy program. ENEC's main priority is to deliver safe, clean, efficient, and reliable nuclear energy to the UAE grid in order to establish a more diversified power mix and provide a lower carbon emissions alternative to burning oil or gas.

Reception and Dinner Briefing with US Embassy Abu Dhabi

- Staff discussed contemporary issues in the UAE from the perspective of members of the US embassy in Abu Dhabi. This dinner provided staff with the opportunity to get a sense of both political and economic concerns in the UAE.

**Meeting with Dubai Electricity and Water Authority and H.E. Saeed Mohammed Al Tayer,
Managing Director and Chief Executive Officer, Dubai Electricity and Water Authority**

- Staff learned about the history of the Dubai Electricity and Water Authority (DEWA) Since its inception, DEWA has become one of the best ranking utilities companies in the world, supplying over 780,000 customers.

Lunch and Briefing on Dubai's Economy and Role within the Emirates

- Staff had the opportunity to engage in a discussion with Atlantic Council about the role of the emirate of Dubai in the UAE. Staffers received a briefing on Dubai's economy, the role it plays within the UAE, and what Dubai is doing to create a sustainable economy.

Tour and discussion on Expo2020 & COP28

- The UAE will be hosting COP28 in 2023. Staff received a briefing to gain a better idea of how the UAE is looking forward to hosting COP28, what world leaders can expect and what the UAE hopes to achieve at COP28.

Dinner briefing on UAE's Energy Economy

- Staff heard from a representative of the Abu Dhabi Investment Authority (ADIA), the largest sovereign wealth fund of the country, and from ADNOC's energy economics manager to gain a better understanding of the UAE's economy and what the plans are for the future as the UAE is working to diversify its economy.

Lunch and Briefing on Nuclear Energy 101 and Barakah

- Staff received a briefing on nuclear energy and the UAE and what progress the UAE has made on the Barakah Nuclear Power Plant and what still needs to be done.

Dinner and briefing on Climate Financing and International Collaboration from a UAE perspective

- Staff received a briefing on what the UAE is doing on climate financing and international collaboration to fight climate change ahead of the evening meeting and briefing the staffers will receive on US Climate Policy & Financing and International Collaboration. This briefing and discussion helped ensure that staff had a well-rounded idea of what's being done both from a UAE and US perspective.

Briefing on US Climate Policy & Financing and International Collaboration

- Staff received a briefing from advisors David Livingston and Kevin Adams, to the Special Presidential Envoy for Climate, Secretary John Kerry, on US climate policy and financing and what the Administration is doing on international collaboration in climate change efforts, particularly with the UAE and in the lead up to COP27 and COP28.

Site Visit: Noor Abu Dhabi Solar Power Plant

- Staff toured the world's largest single-site solar power plant. Noor Abu Dhabi covers an area of 8 square kilometers and features 3.2 million solar panels. The plant produces approximately 1.2 gigawatts of power, reducing reliance on the usage of natural gas for electricity generation resulting in a carbon footprint reduction of 1 million metric tons per year.

Briefing from International Renewable Energy Agency

- Staff met with representatives from IRENA, an intergovernmental organization that supports countries in their transition to a sustainable energy future, and serves as the principal platform for international cooperation on renewable energy. With over 180 countries engaged, IRENA encourages governments to adopt enabling policies for renewable energy investments, provides practical tools and policy advice to accelerate renewable energy deployment, and facilitates knowledge sharing and technology transfer to provide clean, sustainable energy for the world's growing population.

Presentation and tour of Masdar City

- Staff toured Masdar City, a completely sustainable city in the outskirts of Abu Dhabi. It aims to advance the development and adoption of commercially viable solutions in renewable energy and sustainable real estate that address the sustainability challenges of the UAE, the Middle East and international markets. Masdar City implements an array of cutting-edge technologies to meet sustainability goals.

Briefing from Mubadala Investment Company

- Staff engaged in a discussion on how Mubadala Investment Company contributes to the acceleration of the UAE's economic transformation, and the development of homegrown businesses, fostering vibrant industrial and commercial clusters, and partnering with global entities, and how Mubadala, one of the largest sovereign wealth funds of the UAE, uses its funds to invest in the local economy as part of the energy transition.

Dinner on economic diversification in the Gulf

- Staff discussed how the energy transition and diversifying the economy away from the oil and gas sector are the two main priorities for the UAE and the Gulf countries in general.

Tour and Briefing: Al Reyadah – Carbon Capture, Usage, and Sequestration Company

- Staff visited Al Reyadah, which is operating by capturing carbon dioxide from the flue gas of an Emirates Steel production facility and then using this carbon dioxide in enhanced oil recovery (EOR) at a nearby oil field. The main objectives of the project are to reduce the carbon footprint of the United Arab Emirates, implement EOR in subsurface oil reservoirs, and free up natural gas that would have been used for oil field pressure maintenance.

Briefing from Abu Dhabi National Oil Company's Panorama Data Analytics Suite

- Staff met with ADNOC'S Chief Technology Office. The Abu Dhabi National Oil Company (ADNOC) is one of the world's largest oil companies, with subsidiaries across the entire hydrocarbon value chain. ADNOC is working to become more integrated to ensure a

more sustainable and economical oil and gas supply. This is being aided by the Panorama Data Analytics Suite. ADNOC's Panorama Digital Command Center draws from a massive set of data points across the company, from the upstream to the downstream and global distribution network, to provide a single access point to ADNOC's real time performance.

Dinner debrief and discussion on overall trip

- During the final dinner on the trip, staffers looked back on the week and discussed any final thoughts and questions that were answered by the organizing experts.