



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, B-81 Cannon House Office Building, 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: Rishi Sahgal
2. a. Name of Accompanying Relative: _____ OR None
 b. Relationship to Traveler: Spouse Child Other (specify): _____
3. a. Dates: Departure: April 12, 2019 Return: April 18, 2019
 b. Dates at Personal Expense, if any: _____ OR None
4. Departure City: Dulles, VA (DC) Destination: Abu Dhabi and Dubai Return City: Dulles, VA (DC)
5. Sponsor(s), Who Paid for the Trip: ClearPath Inc [501c3] and the Atlantic Council
6. Describe Meetings and Events Attended: Energy officials, site visits to nuclear, carbon capture, and aluminum facilities. See attached agenda.
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 *Grantmaking or Non-Grantmaking Sponsor Forms*;
 - 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: _____

2019 MAY -2 PM 3:50
OFFICE OF THE CLERK
U.S. HOUSE OF REPRESENTATIVES
LEGISLATIVE RESOURCE CENTER

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

Signature of Traveler: Date: 5/1/19

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: Jerry McNerney Date: 5/1/19
Signature of Supervising Member:



U.S. House of Representatives

COMMITTEE ON ETHICS

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: ClearPath, Inc. and the Atlantic Council
- Travel Destination(s): Abu Dhabi and Dubai, United Arab Emirates
- Date of Departure: April 12, 2019 Date of Return: April 18, 2019
- Name(s) of Traveler(s): Tanya Das, David Rardin, and Rishi Sahgal

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

5. 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	Total: \$1796 Bus: \$196 Flight: \$1600	\$1249	\$1003	\$0
Accompanying Family Member	N/A	N/A	N/A	N/A

6. 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: *Jeremy Harrell* Date: 04/29/2019

Name: Jeremy Harrell Title: Managing Director, Policy

Organization: ClearPath, Inc.

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

Address: 611 Maryland Ave. NE Washington, DC 20002

Telephone: (513) 403-4620 Email: harrell@clearpath.org

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.



U.S. House of Representatives

COMMITTEE ON ETHICS

TRAVELER FORM

1. Name of Traveler: Rishi Sahgal
2. Sponsor(s) who will be paying for the trip: ClearPath and Atlantic Council
3. Travel Destination(s): Abu Dhabi and Dubai, United Arab Emirates
4. a. Date of Departure: Apr 12, 2019 Date of Return: Apr 18, 2019
 b. Will you be extending the trip at your personal expense? Yes No
 If yes, list dates at personal expense: _____
5. a. Will you be accompanied by a family member at the sponsor's expense? Yes No **If yes:**
 (1) Name of Accompanying Family Member: _____
 (2) Relationship to Traveler: Spouse Child Other (specify): _____
 (3) Accompanying Family Member is at least 18 years of age: Yes No
6. a. 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)? Yes No
 b. **If yes**, and you are requesting lodging for two nights, explain why the second night is warranted:

7. *Primary Trip Sponsor Form* is attached, including agenda, invitee list, and any other attachments and contributing sponsor forms: Yes No

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.**

Rishi Sahgal is the Legislative Director to Rep. Jerry McNerney, the Vice Chair of the Energy Subcommittee on House Energy & Commerce, where he handles energy issues. This trip will inform him of international energy markets, including oil, gas, solar, and nuclear issues.

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

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

Date

March 12, 2019

**U.S. House of Representatives
Committee on Ethics**

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 Web site (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): _____
ClearPath, Inc. [501(c)3] and the 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):
Attached
5. Is travel being offered to an accompanying relative of the House invitee(s)? Yes No
6. Date of departure: April 12, 2019 Date of return: April 18, 2019
7. a. City of departure: Dulles, VA (Washington, D.C. area)
b. Destination(s): Abu Dhabi and Dubai, United Arab Emirates
c. City of return: Dulles, VA (Washington, D.C. area)
8. I represent that (*check one of the following*):
 - 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 one of the following:
 - a. I checked 8(a) or (b) above:
 - b. I checked 8(c) above but am not offering any lodging:
 - 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 "d" is checked, explain why the second night of lodging is warranted: _____

10. Attached is a detailed agenda of the activities the 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 one:

- 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. N/A – 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:
Attached.

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:
N/A

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 box):

15. I represent that either (check one of the following):

- 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 \$100 per day

2) Provide reason for selecting the location of the event or trip: _____
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 debate in Congress.

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

Hotel name: The St. Regis Abu Dhabi City: Abu Dhabi Cost per night: \$205

Reason(s) for selecting: Centrally located hotel offering a rate under the per diem.

Hotel name: _____ City: _____ Cost per night: _____

Reason(s) for selecting: _____

Hotel name: _____ City: _____ Cost per night: _____

Reason(s) for selecting: _____

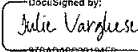
17. I represent that all expenses connected to the trip will be for actual costs incurred and not a per diem or lump sum payment. (signify that the statement is true by checking box):
18. TOTAL EXPENSES FOR EACH PARTICIPANT:

<input checked="" type="checkbox"/> actual amounts <input type="checkbox"/> good faith estimates	Total <i>Transportation</i> Expenses per Participant	Total <i>Lodging</i> Expenses per Participant	Total <i>Meal</i> Expenses per Participant
For each Member, Officer, or employee	\$950		
For each accompanying relative	N/A		

	<i>Other</i> 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	
For each accompanying relative	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 one:
 a. I certify that I am an officer of the organization listed below. *or*
 b. N/A – sponsor is an individual or a U.S. institution of higher education.
20. I certify that I am not a registered federal lobbyist or foreign agent for any sponsor of this trip.
21. I certify by my signature that the information contained in this form is true, complete, and correct to the best of my knowledge.

Signature: 

Name: Julie Varghese

Title: Chief Administrative Officer

Organization: The Atlantic Council

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

Telephone number: 202.778.4952

Email address: JVarghese@AtlanticCouncil.org

If there are any questions regarding this form please contact the Committee at the following address:

Committee on Ethics
 U.S. House of Representatives
 1015 Longworth House Office Building
 Washington, DC 20515
 (202) 225-7103 (phone)
 (202) 225-7392 (general fax)

Theodore E. Deutch, Florida
Chairman
Kenny Marchant, Texas
Ranking Member

Grace Meng, New York
Susan Wild, Pennsylvania
Dean Phillips, Minnesota
Anthony Brown, Maryland

John Ratcliffe, Texas
George Holding, North Carolina
Jackie Walorski, Indiana
Michael Guest, Mississippi



ONE HUNDRED SIXTEENTH CONGRESS

U.S. House of Representatives

COMMITTEE ON ETHICS

Thomas A. Rust
Staff Director and Chief Counsel

David W. Arrojo
Counsel to the Chairman

Christopher A. Donesa
Counsel to the Ranking Member

1015 Longworth House Office Building
Washington, D.C. 20515-6328
Telephone: (202) 225-7103
Facsimile: (202) 225-7392

April 10, 2019

Mr. Rishi Sahgal
Office of the Honorable Jerry McNerney
2265 Rayburn House Office Building
Washington, DC 20515

Dear Mr. Sahgal:

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 April 12 to 18, 2019, sponsored by ClearPath, Inc., and 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 \$390 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 \$390] 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 Sergeant at Arms (SAA) for a safety and security briefing prior to your departure. SAA 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,

A handwritten signature in blue ink, appearing to read "Theodore E. Deutch".

Theodore E. Deutch
Chairman

A handwritten signature in blue ink, appearing to read "Kenny Marchant".

Kenny Marchant
Ranking Member

TED/KM:mso

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:

ClearPath, Inc is a 501(c)3 nonprofit organization dedicated to accelerate conservative clean energy solutions by working with policy makers and industry. The Atlantic Council is a registered 501(c)(3) nonprofit organization and promotes constructive U.S. leadership and engagement in international affairs based on the central role of the Atlantic community in meeting current international challenges. The Atlantic Council's Global Energy Center specifically promotes energy security by working alongside government, industry, civil society, and public stakeholders to devise pragmatic solutions to the geopolitical, sustainability, and economic challenges of the changing global energy landscape.

Consistent with their missions, ClearPath and the Atlantic Council wish to provide an educational tour and briefings for congressional staff that highlight state of the art technologies under construction or recently placed in service in the United Arab Emirates and the lessons that could be learned from their commercialization. For example, the Abu Dhabi CCS is the world's first fully commercial CCS facility in the iron and steel industry. This is a unique opportunity to see this work first-hand, and take lessons learned as the U.S. work to develop commercially viable clean energy technologies.

Together, ClearPath and the Atlantic Council have developed a five-day agenda for this congressional staff trip. Both organizations will sponsor the traveler's airfare, hotel accommodations, meals, and transportation. Additionally, both organizations have collaborated on the organization of the trip, scheduling government and private sector meetings, and executing the agenda. The Atlantic Council has spearheaded the efforts to secure the public sector meetings and engage the appropriate Emirate leadership to do so, given the organization's previous work in the region.

It is important to note that the ClearPath regularly provides speakers and experts as panelists and speakers for public forums and briefings on energy, nuclear energy, carbon capture, R&D, US competitiveness, and other topics. Through its diverse networks, the Atlantic Council builds broad constituencies to support constructive U.S. leadership and policies. The Global Energy Center, along with the other 10 program and centers within the Atlantic Council, publishes analyses, convenes conference among current and/or future leaders, and contribute to the public debate in order to integrate the views of knowledgeable individuals from a variety of backgrounds, interests, and experiences.

Invitees Staffer House	Member	Title	Email	Explanation
Mary Martin	House Energy and Commerce Committee	Chief Counsel, Energy and Environment		Mary is the primary policy advisor to the Republican Leader on issues before E&C's Energy and Environment Subcommittees
Jennifer Loraine	House Minority Leader Kevin McCarthy	Senior Policy Advisory and Counsel		
Jeff Wieand	Minority Whip Scalise	Energy Counsel		Jen is the Minority Leader's top energy policy advisor.
David Rardin	Rep. Bill Johnson	Legislative Director		Jeff is the Minority Whip's top energy policy advisor. Rep. Scalise is also a member of the House Energy and Commerce Committee.
Ben Traynham	House Science and Technology Committee - Minority	Staff Director, Subcommittee on Environment		David is the top policy advisor for Energy and Commerce Committee member, Rep. Bill Johnson.
Walker Barrett	Rep. Michael Waltz	Legislative Director		Ben is the Staff Director for the House Science, Space, and Technology Subcommittee on the Environment Republicans.
Sarah Cannon	Rep. Mike Simpson	Legislative Director		Walker is the top policy advisor for Rep. Waltz, a member of the House Science, Space, and Technology Committee.
Adam Rosenberg	House Science and Technology Committee - Majority	Energy Subcommittee Staff Director		Sarah is the top policy advisor for Rep. Simpson, the Ranking Member of the House Appropriations Committee Subcommittee on Energy and Water.
Tanya Das	House Science and Technology Committee - Majority	Professional Staff Member, Subcommittee on Energy		Adam is the staff director of the House Science, Space, and Technology Subcommittee on Energy Democrats.
Brendan Larkin	Congressman Paul Tonko	Senior Policy Advisor		Tanya is a top policy advisor to Chairwoman Eddie Bernice Johnson and Subcommittee Chairman Conor Lamb at the House Science, Space, and Technology Committee.
Peter La Fountain	Congressman Jim Langevin	Senior Legislative Assistant		Brendan serves as the energy policy advisor to Rep. Tonko, a member of the both the House Energy and Commerce and the Science, Space, and Technology Committees.
Josh Lipman	Congressman Ted Deutch	Legislative Assistant		Peter is the energy advisor to Congressman Jim Langevin, a member of the House Armed Services Committee.
Rick Kessler	House Energy and Commerce Committee	Subcommittee Staff Director for Environment and Climate Change		Josh serves as the energy policy advisor to Rep. Deutch, a member of the House Foreign Affairs Committee.
Rishi Sahgal	Congressman Jerry McNerney	Legislative Director		Rick is the staff director for the House Energy and Commerce Subcommittee on Environment and Climate Change.
Levi Patterson	Congressman Ben Ray Lujan	Legislative Assistant		Rishi serves as the top policy advisor to Rep. McNerney, a member of the both the House Energy and Commerce and the Science, Space, and Technology Committees.
				Levi serves as an energy advisor to Rep. Ben Ray Lujan, member of the House Energy and Commerce Committee.



**UNITED ARAB EMIRATES ENERGY STUDY TRIP
APRIL 12-18, 2019 • ABU DHABI • UNITED ARAB EMIRATES
AGENDA**

Friday, April 12

9:50 p.m.

Flight departure

Location: Washington Dulles International Airport

Flight number: EY 130

Airline: Etihad Airways

Saturday, April 13

7:00 p.m.

Arrival in Abu Dhabi, United Arab Emirates

Location: Abu Dhabi International Airport

7:45 – 8:30 p.m.

Travel time from airport to hotel

St. Regis Abu Dhabi
Nation Tower, Corniche
P.O. Box 60476
Abu Dhabi
United Arab Emirates

9:00 – 10:30 p.m.

Welcome Dinner and Briefing: State of the United Arab Emirates from a US Perspective

Location: Villa Toscana at the St. Regis, Abu Dhabi

Briefers:

William Nash, *Managing Partner, Abu Dhabi and Co-Leader, Middle East,*
Morgan, Lewis & Bockius LLP

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. Bill has lived in the UAE for many years, knows the politics as well as the energy sector well.

Sunday, April 14 (Abu Dhabi and Dubai)

7:00 – 8:00 a.m. **Breakfast**

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

8:00 – 10:00 a.m. **Travel time to Ministry of Climate Change and Environment in Dubai**

10:00 – 11:00 a.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. Dr. Thani bin Ahmed Al Zeyoudi, *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. Under the leadership of H.E. Dr. Thani bin Ahmed Al Zeyoudi, 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.

11:00 – 1:00 p.m. **Travel time to Masdar City**

1:00 – 1:45 p.m. **Lunch**

Location: Jim's Restaurant, Masdar City

2:00 – 2:30 p.m. **Meeting with Masdar CEO**

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.

2:30 – 3:30 p.m. **Bus tour of Masdar City to view upcoming projects**

Location: Masdar City

Briefer:

Michelle Sabti, *Stakeholder 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.

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.

3:30 – 4:00 p.m.

Site visit: Seawater Energy and Agriculture System at Masdar City

Location: Masdar City

Briefer:

Michelle Sabti, *Stakeholder Relations*, Masdar

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.

4:00 – 4:30 p.m.

Travel time to the U.S. Embassy

4:30 – 6:00 p.m.

Briefing with US Embassy Abu Dhabi

Briefer:

Steven C. Bondy, *Chargé d’Affaires*, US Embassy Abu Dhabi

Staffers will hear about contemporary issues in the UAE from the perspective 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.

6:00 – 6:30 p.m.

Travel time to the hotel

6:30 – 8:00 p.m.

Dinner with UAE Ministry of Energy and Industry

Location: Al Mrzab Restaurant, Airport Road, behind the National Theatre, Abu Dhabi

Briefer:

H.E. Suhail Al Mazrouei, *Minister of Energy and Industry*, United Arab Emirates
or H.E. Dr. Matar Al Neyadi, *Undersecretary*, Ministry of Energy and Industry,
United Arab Emirates

8:00 – 8:30 p.m. Travel time to the hotel

Monday, April 15 (Dubai)

6:30 – 7:30 a.m. **Breakfast**
Location: The Terrace on the Corniche at the St. Regis

7:30 – 9:00 a.m. **Travel time to Crescent Petroleum**

9:00 – 11:00 a.m. **Meeting with Crescent Petroleum**
Location: Crescent Tower, P.O. Box 211, Corniche Al Buhaira, Sharjah

Briefer:

Majid Jafar, *Chief Executive Officer*, Crescent Petroleum

Crescent Petroleum is the first and largest private upstream oil and gas company in the Middle East. In 2005, Crescent played an instrumental role in establishing Dana Gas, the first publicly traded energy company in the region. Staffers will hear about the companies approach to energy innovation and have an opportunity to discuss regional energy issues.

11:00 – 1:00 p.m. **Travel time back to Abu Dhabi/Bus Briefing (from 11:00 to 1:00 p.m.)**

Briefers:

Jeremy Harrell, *Managing Director of Policy*, ClearPath

Randolph Bell, *Director*, *Global Energy Center*, Atlantic Council

Jeremy and Randy will brief staff on advanced fossil energy technologies, the role carbon capture, utilization, and storage could play in global emission reduction strategies, and recent actions by multinational oil and gas companies to invest in technologies to combat the effects of climate change.

1:00 – 2:00 p.m. **Lunch**
Location: Loca Restaurant & Bar Abu Dhabi

2:00 – 3:30 p.m. **Briefing with Abu Dhabi Department of Energy**
Location: PO Box 32800 Abu Dhabi / Al Maryah Island, Abu Dhabi Global Market Square, Al Maqam Tower, 32nd & 33rd floors, Abu Dhabi

Briefer:

H.E. Eng. Mohammed Bin Jarsh, *Undersecretary*, Abu Dhabi Department of Energy

The Abu Dhabi Department of Energy was established 2018 to implement various programs, initiatives, and projects with the aim of achieving a sustainable society in Abu Dhabi. The Department of Energy is tasked with developing strategic initiatives that diversify and secure energy sources for economic, environmental.

3:30 – 7:00 p.m. **Free time**

7:00 – 9:00 p.m. **Dinner with Executive Affairs Authority, Abu Dhabi**
Location: Terrace on the Corniche, St. Regis Hotel

Briefers:

Dave Scott, Executive Director of Economic Affairs, Executive Affairs Authority, Abu Dhabi

Established in 2006, the Executive Affairs Authority (EAA) is a specialized government agency mandated to provide strategic policy advice to the chairman of the Abu Dhabi Executive Council, H.H. Sheikh Mohamed bin Zayed Al Nahyan. The EAA works to formulate, incubate, and implement strategic policy, where required, across all portfolios of government, on behalf of the Chairman of the Executive Council of Abu Dhabi, in order to realize Abu Dhabi's vision of a secure society and a dynamic open economy.

Tuesday, April 16

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

8:30 – 8:45 a.m. **Walk to ADNOC**

9:00 - 10:30 a.m. **Briefing from Abu Dhabi National Oil Company's Panorama Data Analytics Suite**
Location: ADNOC Headquarters, PO Box 898, Abu Dhabi

Briefer:

Abdul Nasser Al Mughairbi, Senior Vice President, Digital, 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.

10:30 – 11:30 a.m. Travel time to Al Reyadah

11:30 a.m. – 1:00 p.m. Site Visit: Al Reyadah – Carbon Capture, Usage, and Sequestration Company

Location: Al Reyadah, Abu Dhabi

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.

1:00 – 2:00 p.m. Travel time to Emirates Global Aluminium

2:00 – 3:00 p.m. Meet with Emirates Global Aluminium

Location: Kizad A3, Al Taweelah - Abu Dhabi - United Arab Emirates

Briefer:

Abdulla Jassem bin Kalban, *Managing Director and 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.

3:00 – 5:00 p.m. Site visit: Emirates Global Aluminium industrial plant

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.

5:00 – 7:00p.m. Free Time

7:00 – 9:00 p.m. Dinner

Location: Four Seasons Hotel

9:00 – 9:30 p.m. Travel time to hotel

Wednesday, April 17

7:30 – 8:30 a.m. Breakfast

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

8:30 – 11:30 a.m. Travel time/Bus Briefing on Nuclear Power (Briefing from 9:30 to 11:00 a.m.)

Briefers:

Richard Powell, *Executive Director, ClearPath*

Randolph Bell, *Director, Global Energy Center, Atlantic Council*

Staffers will receive an overview of global nuclear civilian energy efforts, the role the International Energy Agency (IEA) has forecasted for nuclear technologies in the future electricity grid, and other recent power sector emission reduction modeling.

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

Location: Barakah Nuclear Power Plant

Briefers:

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

Mark Reddemann, *Chief Executive Officer, Nawah Energy Company*

Nasser Al Nasser, *Chief Executive Officer, Barakah One Company*

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**

Location: Barakah Nuclear Power Plant

Briefer:

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

Staffers will receive a briefing on the APR-1400s nuclear reactors, an advanced pressurized water nuclear reactor designed by the Korea Electric Power

Corporation (KEPCO). The four reactors being constructed at Barakah will ultimately meet nearly 25 percent of the country's electricity needs.

1:00 – 2:00 p.m.

Site Visit: Barakah Nuclear Power Plant

Location: Barakah Nuclear Power Plant

Briefer:

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

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, and construction on Unit 1 began in 2012 and is set to come online at the end of 2019 or beginning of 2020 after several delays. Unit 1 was finished in mid-2018 and the other three units are nearing completion. Units 1 and 2 are set to become operational as soon as the Emirati have finished their operator training.

2:00 – 3:00 p.m.

Lunch

Location: Barakah

3:00 – 6:00 p.m.

Travel time to Abu Dhabi

7:00 – 9:00 p.m.

Dinner with ACWA Power

Location: Catch Restaurant, Nation Riviera Beach Club, Abu Dhabi 73085, United Arab Emirates

Briefer:

Paddy Padmanathan, President and CEO, ACWA Power

A private sector company based in Saudi Arabia that operates in ten countries, ACWA primarily works in power generation and desalinated water production plants. Staffers will be able to discuss issues from a non-governmental perspective.

Thursday, April 18

10:30 a.m.

Flight departure

Location: Abu Dhabi International Airport

Flight number: EY 131

Airline: Etihad Airways

4:40 p.m.

Flight arrival

Location: Washington Dulles International Airport