Department of Energy
Washington, DC 20585

December 15, 2021

Austin R. Evers
American Oversight
1030 15th Street NW
Suite B255
Washington, DC 20005

Via email: foia@americanoversight.org

Re: HQ-2020-00051-F

Dear Mr. Evers:

This is a supplemental response to the request for information that you sent to the Department of Energy (DOE) under the Freedom of Information Act (FOIA), 5 U.S.C. § 552. You requested:

> All email communications (including email messages, calendar invitations, and attachments thereto, and including complete email chains) sent by the DOE officials specified below containing any of the following key terms:
>
> i.Naftogaz
> ii.Favorov
> iii.Fruman
> iv.Parnas
> v.Sargeant
> vi. 45 Energy Group
> vii.Baumgardner
> viii.SigmaBleyzer
> ix.Bleyzer
> x.Bensh
> xi.Pelicourt
> xii.Rudy
> xiii.Rudolph
> xiv.Giuliani
> xv.Giuiliani
> xvi.Guliani
> xvii.Guiliani
> xviii.Toensing
> xix.diGenova
> xx.Kislin
> xxi.Hunter

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Printed with soy ink on recycled paper

xxii. Biden
xxiii. Parnas
xxiv. Fruman
xxv. Kolomoisky
xxvi. Klitschko
xxvii. Burisma
xxviii. Shokin
xxix. Lutsenko
xxx. Zelensky
xxxi. Zelenskyy
xxxii. Zelenskiy
xxxiii. Yermak
xxxiv. Bakanov
xxxv. Bohdan
xxxvi. Rybolovlev

Specified DOE Officials:
i. Secretary Rick Perry
ii. Deputy Secretary Dan Brouillette
iii. Former Chief of Staff Brian McCormack
iv. Anyone currently serving in the capacity of Chief of Staff
v. Under Secretary Mark Menezes
vi. Samuel Buchan, Special Adviser
vii. William Cooper, General Counsel
viii. Paul Tumminia, Senior Advisor, Office of Russian and Eurasian Affairs
ix. Anyone serving in the capacity of White House Advisor or Liaison

Please produce all responsive records from January 1, 2019, through the date the search is conducted.

On January 9, 2020, during a call including DOJ attorneys and American Oversight counsel, you agreed to waive all duplicative attachments, provided we indicate where duplicative attachments are being omitted, as well as mass mailings and newsletters. You also agreed to waive nonresponsive attachments for now, but asked that we include a slip sheet in place of each nonresponsive attachment.

Your request was assigned to DOE's Office of Executive Secretariat (ES), Office of International Affairs (IA), and Office of the General Counsel (GC) to conduct a search of their files for responsive documents. The search started on November 21, 2019, which is the cutoff date for responsive documents. You received a first partial response to this request on April 15, 2020 consisting of ten (10) documents. One of the documents was transferred in full to the Department of State (DOS) for review and direct response to you. This document was released on December 1, 2020, after DOS provided release determinations on their equities.

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You received a second partial on May 18, 2020, consisting of thirty-four (34) documents. Twenty (20) documents were sent to DOS for consultation. These documents were released on December 1, 2020, after DOS provided release determinations on their equities. Further, one (1) document was sent to International Trade Administration (ITA) for consultation. This document was released on August 17, 2020, after ITA provided release determinations on their equities.

You received a third partial on June 15, 2020, consisting of twelve (12) documents. Five (5) documents were sent to DOS for consultation. These documents were released on December 1, 2020, after DOS provided release determinations on their equities.

You received a fourth partial on July 15, 2020, consisting of twenty-six (26) documents. Three (3) documents were sent to DOS for consultation. These documents were released on December 1, 2020, after DOS provided release determinations on their equities. In addition, one (1) document was sent to the Overseas Private Investment Corporation (OPIC) for consultation, and one (1) document was sent to the U.S. Trade and Development Agency (TDA) for consultation. These documents were released on November 16, 2020, after TDA and OPIC provided release determinations on their equities. Two (2) documents were sent to DOE's Pacific Northwest National Laboratory (PNNL) for review and direct response to you. These two documents were released on November 16, 2020 and December 1, 2020, after PNNL provided release determinations on their equities.

You received a fifth partial on August 17, 2020, consisting of thirty (30) documents. Thirteen (13) documents were sent to DOS for consultation and one (1) document was sent to U.S. Department of the Treasury (UST) for consultation. On May 4, 2021, we advised you that in light of the agreement between American Oversight and DOE which narrowed the set of custodians and search terms you are requesting, DOE has determined that none of the documents sent to DOS or UST as part of the fifth partial are responsive to your narrowed request.

You received a sixth partial on September 15, 2020, consisting of forty-five (45) documents. Eleven (11) documents were sent to DOS for consultation. In addition, one (1) document was sent to ITA for consultation and one (1) document was transferred to DOE's National Nuclear Security Administration (NNSA) for review and direct response to you. In light of the agreement between American Oversight and DOE which narrowed the set of custodians and search terms you are requesting, DOE has determined that the documents sent to ITA and NNSA are not responsive to your narrowed request.

You received a seventh partial on October 15, 2020, consisting of sixty-five (65) documents. Forty-eight (48) documents were sent to DOS for consultation.

You received an eighth partial on November 16, 2020, consisting of fifty-two (52) documents. Twenty-four (24) documents were sent to DOS for consultation.

You received a ninth partial on December 15, 2020, consisting of forty-four (44) documents. Ten (10) documents were sent to DOS for consultation.

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You received a tenth partial on January 15, 2021, consisting of thirty-four (34) documents. Seventeen (17) documents were sent to DOS for consultation.

You received an eleventh partial on February 16, 2021, consisting of thirteen (13) documents. Six (6) documents were sent to DOS for consultation. In addition, two (2) documents were sent to ITA for consultation. In light of the agreement between American Oversight and DOE which narrowed the set of custodians and search terms you are requesting, DOE has determined that the documents sent to ITA are not responsive to your narrowed request.

You received a twelfth partial on March 15, 2021, consisting of nine (9) documents. Two (2) documents were sent to DOS for consultation.

You received a thirteenth partial on April 15, 2021, consisting of eleven (11) documents.

You received a fourteenth and final partial on May 17, 2021, consisting of eighteen (18) documents. One (1) document was sent to the Central Intelligence Agency (CIA) for consultation, one (1) document was sent to DOS for consultation, and three (3) documents were sent to *both* CIA and DOS for consultation. The four documents sent to CIA will be released once CIA provides release determinations on their equities.

This letter serves as a supplemental response to the sixth through twelfth partials and fourteenth partial for DOE. DOS has provided release determinations for eleven (11) documents, which had been sent to DOS for consultation. These documents are now being released to you as described in the accompanying index. In light of the agreement between American Oversight and DOE which narrowed the set of custodians and search terms you are requesting, DOE has determined that all of the remaining documents sent to DOS are not responsive to your narrowed request. As discussed above, DOE has identified three (3) documents containing both DOS equities and CIA equities, and one (1) document with only CIA equities, the nonexempt portions of which DOE expects to release soon.

Upon review, DOE has determined that certain information should be withheld in the documents pursuant to Exemptions 1, 4, 5, 6, and 7(C) of the FOIA, 5 U.S.C. § 552, (b)(1), (b)(4), (b)(5), (b)(6), and (b)(7)(C).

Some of the documents released for this supplemental response have been reviewed by the Office of Classification, Office of Environment, Health, Safety and Security, in the DOE pursuant to 10 C.F.R. § 1004.6. These documents contain information properly classified as National Security Information, and are now being released to you with certain information withheld pursuant to Exemption 1 of the FOIA.

Exemption 1 provides that an agency may exempt from disclosure matters that are "(A) specifically authorized under criteria established by an Executive order to be kept secret in the interest of national defense or foreign policy and (B) are in fact properly classified pursuant to such Executive order . . . ." The portions deleted from the subject document(s) pursuant to Exemption 1 contain information about foreign government information; foreign relations or foreign activities of the United States, including confidential sources and are classified under

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section(s) 1.4 (b), (d) of Executive Order 13526 (E.O. 13526). It has been determined that release of the information could reasonably be expected to cause damage to the national security.

With respect to the information withheld from disclosure pursuant to Exemption 1, the DOE has no further discretion under the FOIA or DOE regulations to release information currently and properly classified pursuant to E.O. 13526.

Exemption 4 of the FOIA protects "trade secrets and commercial or financial information obtained from a person [that is] privileged or confidential." 5 U.S.C. § 552(b)(4). This exemption is intended to protect the interests of both the Government and submitters of information. Exemption 4 affords protection to submitters who provide trade secrets, or commercial or financial information to the Government by safeguarding them from the competitive disadvantages that could result from disclosure. The exemption covers two broad categories of information in Federal agency records: 1) trade secrets, and 2) information that is (a) commercial or financial and (b) obtained from a person, and (c) privileged and confidential.

The information withheld under Exemption 4 includes sensitive commercial and financial information that is maintained in confidence by the submitters, is not available in public sources, and was submitted under an implied assurance of confidentiality. Furthermore, disclosure may curtail submitters from providing such information to the government in the future. For these reasons, this information is being withheld.

Exemption 5 of the FOIA protects from mandatory disclosure "inter-agency or intra-agency memorandums or letters that would not be available by law to a party other than an agency in litigation with the agency…." 5 U.S.C. § 552(b)(5). Exemption 5 incorporates the deliberative process privilege and the attorney-client privilege. The deliberative process privilege protects recommendations, advice, and opinions that are part of the process by which agency decisions and polices are formulated. The information withheld under this privilege consists of inter-agency pre-decisional information.

Portions of these documents reflect deliberative discussions. The DOE may consider these preliminary views as part of the process that will lead to the agency's final policy decision about these matters. The withheld information does not represent a final agency position, and its release would compromise the deliberative process by which the government makes its decisions. Thus, the information is being withheld under Exemption 5 of the FOIA as pre-decisional material that is part of the agency's deliberative process.

Exemption 6 is generally referred to as the "personal privacy" exemption; it provides that the disclosure requirements of FOIA do not apply to "personnel and medical files and similar files the disclosure of which would constitute a clearly unwarranted invasion of personal privacy." 5 U.S.C. § 552(b)(6). In applying Exemption 6, the DOE considered: 1) whether a significant privacy interest would be invaded; 2) whether the release of the information would further the public interest by shedding light on the operations or activities of the Government; and 3) whether in balancing the privacy interests against the public interest, disclosure would constitute a clearly unwarranted invasion of privacy.

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The information withheld under Exemption 6 consists of nonpublic, private, or secure email addresses, telephone numbers, and names. This information qualifies as "similar files" because it is information in which an individual has a privacy interest. Moreover, releasing the information could subject the individuals to unwarranted or unsolicited communications. Since no public interest would be served by disclosing this information, and since there is a viable privacy interest that would be threatened by such disclosure, Exemption 6 authorizes withholding the information. Therefore, we have determined that the public interest in the information's release does not outweigh the overriding privacy interests in keeping it confidential.

Exemption 7 protects from disclosure "records or information compiled for law enforcement purposes" that fall within the purview of one or more of six enumerated categories. To qualify under Exemption 7, the information must have been compiled, either originally or at some later date, for a law enforcement purpose, which includes crime prevention and security measures, even if that is only one of the many purposes for compilation.

Exemption 7(C) provides that, "records of information compiled for law enforcement purposes" may be withheld from disclosure, but only to the extent that the production of such documents "could reasonably be expected to constitute an unwarranted invasion of personal privacy…." In applying Exemption 7(C), DOE considered whether a significant privacy interest would be invaded, whether the release of the information would further the public interest in shedding light on the operations or activities of the Government, and whether in balancing the privacy interests against the public interest, disclosure would constitute unwarranted invasion of privacy.

The information withheld under Exemption 7(C) consists of the names of security personnel, including executive protection employees, as well as secure information regarding the details of travel. This information, if known, could pose a serious safety risk to the individual in question. The disclosure of such information may result in an unwarranted invasion of privacy and could reasonably pose a serious safety threat. Releasing the names of security personnel and travel details in question would reveal little about the operations or activities of the Government. Therefore, disclosure of this information could reasonably be expected to constitute an unwarranted invasion of personal privacy, and this information will be withheld pursuant to Exemption 7(C).

This satisfies the standard set forth at 5 U.S.C. § 552(a)(8)(A) that agencies shall withhold information under FOIA "only if (I) the agency reasonably foresees that disclosure would harm an interest protected by an exemption . . . ; or (II) disclosure is prohibited by law . . . ." 5 U.S.C. § 552(a)(8)(A) also provides that whenever full disclosure of a record is not possible, agencies shall "consider whether partial disclosure of information is possible . . . ." Thus, we have determined that, in certain instances, a partial disclosure is proper.

Pursuant to 10 C.F.R. § 1004.6(d), Dr. Andrew P. Weston-Dawkes, Director, Office of Classification, Office of Environment, Health, Safety and Security, is the official responsible for the denial of the DOE classified information. Pursuant to 10 C.F.R. § 1004.7(b)(2), I am the individual responsible for the determination to withhold all other information described above. The FOIA requires that "any reasonably segregable portion of a record shall be provided to any person requesting such record after deletion of the portions which are exempt." 5 U.S.C. §

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552(b). As a result, a redacted version of the documents are being released to you in accordance with 10 C.F.R. § 1004.7(b)(3).

The FOIA provides for the assessment of fees for the processing of requests. See 5 U.S.C. § 552(a)(4)(A)(i); see also 10 C.F.R. § 1004.9(a). In our October 16, 2019 letter, you were advised that your request was placed in the "other" category for fee purposes. Requesters in this category are provided with two free hours of search time and 100 free pages of duplication. In that same letter, we informed you that your fee waiver was granted. Thus, no fees will be charged for processing your request.

You also requested expedited processing of your request. Your request for expedited processing was initially denied in our letters dated October 16, 2019. Upon reconsideration of our decision to deny expedited processing of your request, your request was granted in our letter dated November 22, 2019.

If you have any questions about the processing of the request or this letter, your attorney may contact Hilarie Snyder, Trial Attorney, at Hilarie.E.Snyder@usdoj.gov or 202-305-0747.

I appreciate the opportunity to assist you with this matter.

Sincerely,
Alexander C. Morris
Digitally signed by Alexander C. Morris
Date: 2021.12.15 13:14:40 -05'00'
Alexander C. Morris
FOIA Officer
Office of Public Information

Enclosures

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INDEX

Request #: HQ-2020-00051-F

Supplemental response for Mr. Austin R. Evers for:

All email communications (including email messages, calendar invitations, and attachments thereto, and including complete email chains) sent by the DOE officials specified below containing any of the following key terms:

i. Naftogaz
ii. Favorov
iii. Fruman
iv. Parnas
v. Sargeant
vi. 45 Energy Group
vii. Baumgardner
viii. SigmaBleyzer
ix. Bleyzer
x. Bensh
xi. Pelicourt
xii. Rudy
xiii. Rudolph
xiv. Giuliani
xv. Giuiliani
xvi. Guliani
xvii. Guiliani
xviii. Toensing
xix. diGenova
xx. Kislin
xxi. Hunter
xxii. Biden
xxiii. Parnas
xxiv. Fruman
xxv. Kolomoisky
xxvi. Klitschko
xxvii. Burisma
xxviii. Shokin
xxix. Lutsenko
xxx. Zelensky
xxxi. Zelenskyy
xxxii. Zelenskiy
xxxiii. Yermak
xxxiv. Bakanov

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xxxv. Bohdan
xxxvi. Rybolovlev

Specified DOE Officials:
i. Secretary Rick Perry
ii. Deputy Secretary Dan Brouillette
iii. Former Chief of Staff Brian McCormack
iv. Anyone currently serving in the capacity of Chief of Staff
v. Under Secretary Mark Menezes
vi. Samuel Buchan, Special Adviser
vii. William Cooper, General Counsel
viii. Paul Tumminia, Senior Advisor, Office of Russian and Eurasian Affairs
ix. Anyone serving in the capacity of White House Advisor or Liaison

Please produce all responsive records from January 1, 2019, through the date the search is conducted.

At this time, DOE has located eleven (11) documents responsive to your request.

- Eleven (11) documents *are being released in part pursuant to Exemptions 1, 4, 5, 6, and 7(C).*

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Rodriguez, Susan (CONTR)

From: Tumminia, Paul
Sent: Saturday, May 18, 2019 12:37 PM
To: Lockwood, Andrea
Subject: RE: Countdown call for Ukraine

Categories: Responsive

Thank you!

From: Lockwood, Andrea
Sent: Saturday, May 18, 2019 3:35 PM
To: Tumminia, Paul <paul.tumminia@hq.doe.gov>
Subject: RE: Countdown call for Ukraine

You are my hero!

From: Tumminia, Paul <paul.tumminia@hq.doe.gov>
Date: Saturday, May 18, 2019, 3:27 PM
To: Lockwood, Andrea <andrea.lockwood@hq.doe.gov>, Bell, Heather (Embassy KYIV) <BellHR@state.gov>, Buchan, Samuel <samuel.buchan@hq.doe.gov>, Sandoli, Robert <robert.sandoli@hq.doe.gov>
Subject: RE: Countdown call for Ukraine

No nothing. Unless you wish to review papers. There are a few meetings which have been added. I have a few more to finish and then I am done

---

From: Lockwood, Andrea
Sent: Saturday, May 18, 2019 3:27 PM
To: Tumminia, Paul <paul.tumminia@hq.doe.gov>; Bell, Heather (Embassy KYIV) <BellHR@state.gov>; Buchan, Samuel <samuel.buchan@hq.doe.gov>; Sandoli, Robert <robert.sandoli@hq.doe.gov>
Subject: RE: Countdown call for Ukraine

Hope all is well (b) (6) . A little bit glad not to be at the airport! Anything I can do? Andrea

---

From: Tumminia, Paul <paul.tumminia@hq.doe.gov>
Date: Saturday, May 18, 2019, 3:15 PM
To: Bell, Heather (Embassy KYIV) <BellHR@state.gov>, Buchan, Samuel <samuel.buchan@hq.doe.gov>, Lockwood, Andrea <andrea.lockwood@hq.doe.gov>, Sandoli, Robert <robert.sandoli@hq.doe.gov>
Subject: RE: Countdown call for Ukraine

Our emails crossed. I just sent a note saying that I missed that when I first looked. I finished the Parubiy memo earlier.

From: Bell, Heather R (Kyiv) [mailto:BellHR@state.gov]
Sent: Saturday, May 18, 2019 3:14 PM

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To: Tumminia, Paul <paul.tumminia@hq.doe.gov>; Buchan, Samuel <samuel.buchan@hq.doe.gov>; Lockwood, Andrea <andrea.lockwood@hq.doe.gov>; Sandoli, Robert <robert.sandoli@hq.doe.gov>
Subject: [EXTERNAL] Re: Countdown call for Ukraine

Speaker Parubiy will happen on Monday at 11:10am.

Get Outlook for iOS

From: Tumminia, Paul <paul.tumminia@hq.doe.gov>
Sent: Saturday, May 18, 2019 10:05:10 PM
To: Buchan, Samuel; Lockwood, Andrea; Sandoli, Robert
Cc: Bell, Heather R (Kyiv)
Subject: RE: Countdown call for Ukraine

Ok. I am going to follow the schedule and not complete memos which I have started for meetings that are now not on the list (Parubiy/Danyluyk).

Some of the memos are already done. I will put them in a folder entitled May 18 schedule. I will also send copies via email to everyone. I am not sure who is reviewing and who isn't. I guess we are doing this by the seat of our pants.

From: Buchan, Samuel
Sent: Saturday, May 18, 2019 3:00 PM
To: Lockwood, Andrea <andrea.lockwood@hq.doe.gov>; Sandoli, Robert <robert.sandoli@hq.doe.gov>; Tumminia, Paul <paul.tumminia@hq.doe.gov>
Cc: Bell, Heather (Embassy KYIV) <BellHR@state.gov>
Subject: FW: Countdown call for Ukraine

Updated schedule. We will move forward with the Baltic meeting.

Thank you all so much for the extra time!

From: Hebert, Ashley <ashley.hebert@hq.doe.gov>
Date: Saturday, May 18, 2019, 1:58 PM
To: Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>, Smith, Jake <jake.smith@hq.doe.gov>, Almstead, Deidre <deidre.almstead@hq.doe.gov>, Gerdes, Stan <stan.gerdes@hq.doe.gov>, Buchan, Samuel <samuel.buchan@hq.doe.gov>, Szymanski, Jessica <jessica.szymanski@hq.doe.gov>, Hynes, Shaylyn <shaylyn.hynes@hq.doe.gov>
Cc: Habansky, Sarah <sarah.habansky@hq.doe.gov>, Faseler, Hunter <hunter.faseler@hq.doe.gov>, Romero, Thomas M. <thomas.romero@hq.doe.gov>, Bell, Heather (Embassy KYIV) <BellHR@state.gov>, McCormack, Brian <brian.mccormack@hq.doe.gov>, Vande Beek, Dirk <dirk.vandebeek@hq.doe.gov>
Subject: RE: Countdown call for Ukraine

Draft schedule for call attached.

Please note (T)s are not confirmed, but all information I have received from Jake as potential opportunities is included for reference. An updated schedule following the call will also be sent.

From: Johnson, Matthew J.
Sent: Saturday, May 18, 2019 11:12 AM
To: Smith, Jake <jake.smith@hq.doe.gov>; Almstead, Deidre <deidre.almstead@hq.doe.gov>; Gerdes, Stan <stan.gerdes@hq.doe.gov>; Buchan, Samuel <samuel.buchan@hq.doe.gov>; Szymanski, Jessica

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<jessica.szymanski@hq.doe.gov>; Hynes, Shaylyn <shaylyn.hynes@hq.doe.gov>
Cc: Habansky, Sarah <sarah.habansky@hq.doe.gov>; Faseler, Hunter <hunter.faseler@hq.doe.gov>; Hebert, Ashley <ashley.hebert@hq.doe.gov>; Romero, Thomas M. <thomas.romero@hq.doe.gov>; Bell, Heather (Embassy KYIV) <BellHR@state.gov>; McCormack, Brian <brian.mccormack@hq.doe.gov>; Vande Beek, Dirk <dirk.vandebeek@hq.doe.gov>
Subject: RE: Countdown call for Ukraine

Ashley could your team set up a conference line please? I'm unsure how to do that.

From: Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>
Date: Saturday, May 18, 2019, 11:08 AM
To: Smith, Jake <jake.smith@hq.doe.gov>, Almstead, Deidre <deidre.almstead@hq.doe.gov>, Gerdes, Stan <stan.gerdes@hq.doe.gov>, Buchan, Samuel <samuel.buchan@hq.doe.gov>, Szymanski, Jessica <jessica.szymanski@hq.doe.gov>, Hynes, Shaylyn <shaylyn.hynes@hq.doe.gov>
Cc: Habansky, Sarah <sarah.habansky@hq.doe.gov>, Faseler, Hunter <hunter.faseler@hq.doe.gov>, Hebert, Ashley <ashley.hebert@hq.doe.gov>, Romero, Thomas M. <thomas.romero@hq.doe.gov>, Bell, Heather (Embassy KYIV) <BellHR@state.gov>, McCormack, Brian <brian.mccormack@hq.doe.gov>, Vande Beek, Dirk <dirk.vandebeek@hq.doe.gov>
Subject: RE: Countdown call for Ukraine

Thanks Jake, that works for OSS.

From: Smith, Jake <jake.smith@hq.doe.gov>
Date: Saturday, May 18, 2019, 10:58 AM
To: Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>, Almstead, Deidre <deidre.almstead@hq.doe.gov>, Gerdes, Stan <stan.gerdes@hq.doe.gov>, Buchan, Samuel <samuel.buchan@hq.doe.gov>, Szymanski, Jessica <jessica.szymanski@hq.doe.gov>, Hynes, Shaylyn <shaylyn.hynes@hq.doe.gov>
Cc: Habansky, Sarah <sarah.habansky@hq.doe.gov>, Faseler, Hunter <hunter.faseler@hq.doe.gov>, Hebert, Ashley <ashley.hebert@hq.doe.gov>, Romero, Thomas M. <thomas.romero@hq.doe.gov>, Bell, Heather (Embassy KYIV) <BellHR@state.gov>, McCormack, Brian <brian.mccormack@hq.doe.gov>, Vande Beek, Dirk <dirk.vandebeek@hq.doe.gov>
Subject: RE: Countdown call for Ukraine

+ Brian and dirk.

Thanks!

Jake

From: Smith, Jake <jake.smith@hq.doe.gov>
Date: Saturday, May 18, 2019, 17:55
To: Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>, Almstead, Deidre <deidre.almstead@hq.doe.gov>, Gerdes, Stan <stan.gerdes@hq.doe.gov>, Buchan, Samuel <samuel.buchan@hq.doe.gov>, Szymanski, Jessica <jessica.szymanski@hq.doe.gov>, Hynes, Shaylyn <shaylyn.hynes@hq.doe.gov>
Cc: Habansky, Sarah <sarah.habansky@hq.doe.gov>, Faseler, Hunter <hunter.faseler@hq.doe.gov>, Hebert, Ashley <ashley.hebert@hq.doe.gov>, Romero, Thomas M. <thomas.romero@hq.doe.gov>, Bell, Heather (Embassy KYIV) <BellHR@state.gov>
Subject: RE: Countdown call for Ukraine

Let's move forward with a countdown call tonight at 9:00pm, 2:00pm dc time?

I've added Heather Bell and Tom Romero.

Can someone get us a conference line?

Thanks

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Jake

From: Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>
Date: Friday, May 17, 2019, 20:42
To: Almstead, Deidre <deidre.almstead@hq.doe.gov>, Smith, Jake <jake.smith@hq.doe.gov>, Gerdes, Stan <stan.gerdes@hq.doe.gov>, Buchan, Samuel <samuel.buchan@hq.doe.gov>, Szymanski, Jessica <jessica.szymanski@hq.doe.gov>, Hynes, Shaylyn <shaylyn.hynes@hq.doe.gov>
Cc: Habansky, Sarah <sarah.habansky@hq.doe.gov>, Faseler, Hunter <hunter.faseler@hq.doe.gov>, Hebert, Ashley <ashley.hebert@hq.doe.gov>
Subject: RE: Countdown call for Ukraine

Thanks Deidre, if you think that is best, we can move forward with what you outlined below. We appreciate the help. In the meantime, our team will send RFI's to IA for some generic building blocks. We will be happy to pass along to this thread for awareness once complete. Hopefully the information will be helpful for trip construction.

MJ

From: Almstead, Deidre
Sent: Friday, May 17, 2019 1:28 PM
To: Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>; Smith, Jake <jake.smith@hq.doe.gov>; Gerdes, Stan <stan.gerdes@hq.doe.gov>; Buchan, Samuel <samuel.buchan@hq.doe.gov>; Szymanski, Jessica <jessica.szymanski@hq.doe.gov>; Hynes, Shaylyn <shaylyn.hynes@hq.doe.gov>
Cc: Habansky, Sarah <sarah.habansky@hq.doe.gov>; Faseler, Hunter <hunter.faseler@hq.doe.gov>; Hebert, Ashley <ashley.hebert@hq.doe.gov>
Subject: RE: Countdown call for Ukraine

I don't think Jake is going to have anything solid until after his walk through Sunday- Jake can you let us know when that will be and we can do a call after

We will keep y'all in the loop as we get new info as well

Adding Ashley as well please keep her on all of this she is fielding info while people are in the air and can get y'all all the stuff we get in over night

---

From: Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>
Date: Friday, May 17, 2019, 1:24 PM
To: Smith, Jake <jake.smith@hq.doe.gov>, Almstead, Deidre <deidre.almstead@hq.doe.gov>, Gerdes, Stan <stan.gerdes@hq.doe.gov>, Buchan, Samuel <samuel.buchan@hq.doe.gov>, Szymanski, Jessica <jessica.szymanski@hq.doe.gov>, Hynes, Shaylyn <shaylyn.hynes@hq.doe.gov>
Cc: Habansky, Sarah <sarah.habansky@hq.doe.gov>, Faseler, Hunter <hunter.faseler@hq.doe.gov>
Subject: RE: Countdown call for Ukraine

I'm thinking 2PM DC/9PM Ukraine to allow for maximum information to come in each day.

From: Smith, Jake
Sent: Friday, May 17, 2019 1:24 PM
To: Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>; Almstead, Deidre <deidre.almstead@hq.doe.gov>; Gerdes, Stan <stan.gerdes@hq.doe.gov>; Buchan, Samuel <samuel.buchan@hq.doe.gov>; Szymanski, Jessica <jessica.szymanski@hq.doe.gov>; Hynes, Shaylyn <shaylyn.hynes@hq.doe.gov>
Cc: Habansky, Sarah <sarah.habansky@hq.doe.gov>; Faseler, Hunter <hunter.faseler@hq.doe.gov>
Subject: RE: Countdown call for Ukraine

AMERICAN OVERSIGHT

Would the 2pm Saturday be Ukraine time or DC?

Jake

From: Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>
Date: Friday, May 17, 2019, 1:16 PM
To: Almstead, Deidre <deidre.almstead@hq.doe.gov>, Gerdes, Stan <stan.gerdes@hq.doe.gov>, Smith, Jake <jake.smith@hq.doe.gov>, Buchan, Samuel <samuel.buchan@hq.doe.gov>, Szymanski, Jessica <jessica.szymanski@hq.doe.gov>, Hynes, Shaylyn <shaylyn.hynes@hq.doe.gov>
Cc: Habansky, Sarah <sarah.habansky@hq.doe.gov>, Faseler, Hunter <hunter.faseler@hq.doe.gov>
Subject: Countdown call for Ukraine

Team - could we look at some times for countdown calls to ensure that everyone is tracking the changes for Ukraine? I am thinking perhaps 2PM on Saturday and Sunday (9PM Ukraine time). Thoughts?

MJ

Matthew J. Johnson
Deputy Staff Secretary
United States Department of Energy
C: (b) (6)
O: 202-586-3393
Matthew.J.Johnson@hq.doe.gov

AMERICAN OVERSIGHT

From: Buchan, Samuel
To: Tumminia, Paul; Lockwood, Andrea; Bell, Heather (Embassy KYIV); Sandoli, Robert
Subject: RE: Countdown call for Ukraine
Date: Saturday, May 18, 2019 4:09:01 PM

(b) (5)

From: Tumminia, Paul
Sent: Saturday, May 18, 2019 4:06 PM
To: Buchan, Samuel <samuel.buchan@hq.doe.gov>; Lockwood, Andrea <andrea.lockwood@hq.doe.gov>; Bell, Heather (Embassy KYIV) <BellHR@state.gov>; Sandoli, Robert <robert.sandoli@hq.doe.gov>
Subject: RE: Countdown call for Ukraine

(b) (5)

From: Buchan, Samuel
Sent: Saturday, May 18, 2019 4:03 PM
To: Tumminia, Paul <paul.tumminia@hq.doe.gov>; Lockwood, Andrea <andrea.lockwood@hq.doe.gov>; Bell, Heather (Embassy KYIV) <BellHR@state.gov>; Sandoli, Robert <robert.sandoli@hq.doe.gov>
Subject: RE: Countdown call for Ukraine

I wondered what that was that went away…

An update is that Poroshenko now says he is unavailable on Sunday (still President), but is only available on Monday, perhaps Tuesday (not President). (b) (5)

From: Tumminia, Paul
Sent: Saturday, May 18, 2019 4:00 PM
To: Buchan, Samuel <samuel.buchan@hq.doe.gov>; Lockwood, Andrea <andrea.lockwood@hq.doe.gov>; Bell, Heather (Embassy KYIV) <BellHR@state.gov>; Sandoli, Robert <robert.sandoli@hq.doe.gov>
Subject: RE: Countdown call for Ukraine

Thanks Sam. A big one……

I accidentally deleted Parubiy, so I am working on that now. I just finished PP (b) (5) I am saving Groysman. (b) (5)
In any case it is coming along….

From: Buchan, Samuel

AMERICAN OVERSIGHT

Sent: Saturday, May 18, 2019 3:58 PM
To: Tumminia, Paul <paul.tumminia@hq.doe.gov>; Lockwood, Andrea <andrea.lockwood@hq.doe.gov>; Bell, Heather (Embassy KYIV) <BellHR@state.gov>; Sandoli, Robert <robert.sandoli@hq.doe.gov>
Subject: RE: Countdown call for Ukraine

Paul I looked through most of the papers, with the exception of Zelinskyy. They are good to go. Thank you!

I'll light a candle for you in the Hagia Sofia

From: Tumminia, Paul
Sent: Saturday, May 18, 2019 3:28 PM
To: Lockwood, Andrea <andrea.lockwood@hq.doe.gov>; Bell, Heather (Embassy KYIV) <BellHR@state.gov>; Buchan, Samuel <samuel.buchan@hq.doe.gov>; Sandoli, Robert <robert.sandoli@hq.doe.gov>
Subject: RE: Countdown call for Ukraine

No nothing. Unless you wish to review papers. There are a few meetings which have been added. I have a few more to finish and then I am done

---

From: Lockwood, Andrea
Sent: Saturday, May 18, 2019 3:27 PM
To: Tumminia, Paul <paul.tumminia@hq.doe.gov>; Bell, Heather (Embassy KYIV) <BellHR@state.gov>; Buchan, Samuel <samuel.buchan@hq.doe.gov>; Sandoli, Robert <robert.sandoli@hq.doe.gov>
Subject: RE: Countdown call for Ukraine

Hope all is well (b) (6) . A little bit glad not to be at the airport! Anything I can do? Andrea

---

From: Tumminia, Paul <paul.tumminia@hq.doe.gov>
Date: Saturday, May 18, 2019, 3:15 PM
To: Bell, Heather (Embassy KYIV) <BellHR@state.gov>, Buchan, Samuel <samuel.buchan@hq.doe.gov>, Lockwood, Andrea <andrea.lockwood@hq.doe.gov>, Sandoli, Robert <robert.sandoli@hq.doe.gov>
Subject: RE: Countdown call for Ukraine

Our emails crossed. I just sent a note saying that I missed that when I first looked. I finished the Parubiy memo earlier.

From: Bell, Heather R (Kyiv) [mailto:BellHR@state.gov]
Sent: Saturday, May 18, 2019 3:14 PM
To: Tumminia, Paul <paul.tumminia@hq.doe.gov>; Buchan, Samuel <samuel.buchan@hq.doe.gov>; Lockwood, Andrea <andrea.lockwood@hq.doe.gov>; Sandoli, Robert <robert.sandoli@hq.doe.gov>
Subject: [EXTERNAL] Re: Countdown call for Ukraine

AMERICAN OVERSIGHT

Speaker Parubiy will happen on Monday at 11:10am.

Get Outlook for iOS

From: Tumminia, Paul <paul.tumminia@hq.doe.gov>
Sent: Saturday, May 18, 2019 10:05:10 PM
To: Buchan, Samuel; Lockwood, Andrea; Sandoli, Robert
Cc: Bell, Heather R (Kyiv)
Subject: RE: Countdown call for Ukraine

Ok. I am going to follow the schedule and not complete memos which I have started for meetings that are now not on the list (Parubiy/Danyluyk).

Some of the memos are already done. I will put them in a folder entitled May 18 schedule. I will also send copies via email to everyone. I am not sure who is reviewing and who isn't. I guess we are doing this by the seat of our pants.

From: Buchan, Samuel
Sent: Saturday, May 18, 2019 3:00 PM
To: Lockwood, Andrea <andrea.lockwood@hq.doe.gov>; Sandoli, Robert <robert.sandoli@hq.doe.gov>; Tumminia, Paul <paul.tumminia@hq.doe.gov>
Cc: Bell, Heather (Embassy KYIV) <BellHR@state.gov>
Subject: FW: Countdown call for Ukraine

Updated schedule. We will move forward with the Baltic meeting.

Thank you all so much for the extra time!

From: Hebert, Ashley <ashley.hebert@hq.doe.gov>
Date: Saturday, May 18, 2019, 1:58 PM
To: Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>, Smith, Jake <jake.smith@hq.doe.gov>, Almstead, Deidre <deidre.almstead@hq.doe.gov>, Gerdes, Stan <stan.gerdes@hq.doe.gov>, Buchan, Samuel <samuel.buchan@hq.doe.gov>, Szymanski, Jessica <jessica.szymanski@hq.doe.gov>, Hynes, Shaylyn <shaylyn.hynes@hq.doe.gov>
Cc: Habansky, Sarah <sarah.habansky@hq.doe.gov>, Faseler, Hunter <hunter.faseler@hq.doe.gov>, Romero, Thomas M. <thomas.romero@hq.doe.gov>, Bell, Heather (Embassy KYIV) <BellHR@state.gov>, McCormack, Brian <brian.mccormack@hq.doe.gov>, Vande Beek, Dirk <dirk.vandebeek@hq.doe.gov>
Subject: RE: Countdown call for Ukraine

Draft schedule for call attached.

Please note (T)s are not confirmed, but all information I have received from Jake as potential opportunities is included for reference. An updated schedule following the call will also be sent.

From: Johnson, Matthew J.

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Sent: Saturday, May 18, 2019 11:12 AM
To: Smith, Jake <jake.smith@hq.doe.gov>; Almstead, Deidre <deidre.almstead@hq.doe.gov>; Gerdes, Stan <stan.gerdes@hq.doe.gov>; Buchan, Samuel <samuel.buchan@hq.doe.gov>; Szymanski, Jessica <jessica.szymanski@hq.doe.gov>; Hynes, Shaylyn <shaylyn.hynes@hq.doe.gov>
Cc: Habansky, Sarah <sarah.habansky@hq.doe.gov>; Faseler, Hunter <hunter.faseler@hq.doe.gov>; Hebert, Ashley <ashley.hebert@hq.doe.gov>; Romero, Thomas M. <thomas.romero@hq.doe.gov>; Bell, Heather (Embassy KYIV) <BellHR@state.gov>; McCormack, Brian <brian.mccormack@hq.doe.gov>; Vande Beek, Dirk <dirk.vandebeek@hq.doe.gov>
Subject: RE: Countdown call for Ukraine

Ashley could your team set up a conference line please? I'm unsure how to do that.

From: Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>
Date: Saturday, May 18, 2019, 11:08 AM
To: Smith, Jake <jake.smith@hq.doe.gov>, Almstead, Deidre <deidre.almstead@hq.doe.gov>, Gerdes, Stan <stan.gerdes@hq.doe.gov>, Buchan, Samuel <samuel.buchan@hq.doe.gov>, Szymanski, Jessica <jessica.szymanski@hq.doe.gov>, Hynes, Shaylyn <shaylyn.hynes@hq.doe.gov>
Cc: Habansky, Sarah <sarah.habansky@hq.doe.gov>, Faseler, Hunter <hunter.faseler@hq.doe.gov>, Hebert, Ashley <ashley.hebert@hq.doe.gov>, Romero, Thomas M. <thomas.romero@hq.doe.gov>, Bell, Heather (Embassy KYIV) <BellHR@state.gov>, McCormack, Brian <brian.mccormack@hq.doe.gov>, Vande Beek, Dirk <dirk.vandebeek@hq.doe.gov>
Subject: RE: Countdown call for Ukraine

Thanks Jake, that works for OSS.

From: Smith, Jake <jake.smith@hq.doe.gov>
Date: Saturday, May 18, 2019, 10:58 AM
To: Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>, Almstead, Deidre <deidre.almstead@hq.doe.gov>, Gerdes, Stan <stan.gerdes@hq.doe.gov>, Buchan, Samuel <samuel.buchan@hq.doe.gov>, Szymanski, Jessica <jessica.szymanski@hq.doe.gov>, Hynes, Shaylyn <shaylyn.hynes@hq.doe.gov>
Cc: Habansky, Sarah <sarah.habansky@hq.doe.gov>, Faseler, Hunter <hunter.faseler@hq.doe.gov>, Hebert, Ashley <ashley.hebert@hq.doe.gov>, Romero, Thomas M. <thomas.romero@hq.doe.gov>, Bell, Heather (Embassy KYIV) <BellHR@state.gov>, McCormack, Brian <brian.mccormack@hq.doe.gov>, Vande Beek, Dirk <dirk.vandebeek@hq.doe.gov>
Subject: RE: Countdown call for Ukraine

+ Brian and dirk.

Thanks!

Jake

From: Smith, Jake <jake.smith@hq.doe.gov>
Date: Saturday, May 18, 2019, 17:55
To: Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>, Almstead, Deidre <deidre.almstead@hq.doe.gov>, Gerdes, Stan <stan.gerdes@hq.doe.gov>, Buchan, Samuel <samuel.buchan@hq.doe.gov>, Szymanski, Jessica <jessica.szymanski@hq.doe.gov>, Hynes, Shaylyn <shaylyn.hynes@hq.doe.gov>
Cc: Habansky, Sarah <sarah.habansky@hq.doe.gov>, Faseler, Hunter <hunter.faseler@hq.doe.gov>,

AMERICAN OVERSIGHT

Hebert, Ashley <ashley.hebert@hq.doe.gov>, Romero, Thomas M. <thomas.romero@hq.doe.gov>, Bell, Heather (Embassy KYIV) <BellHR@state.gov>
Subject: RE: Countdown call for Ukraine

Let's move forward with a countdown call tonight at 9:00pm, 2:00pm dc time?

I've added Heather Bell and Tom Romero.

Can someone get us a conference line?

Thanks

Jake

From: Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>
Date: Friday, May 17, 2019, 20:42
To: Almstead, Deidre <deidre.almstead@hq.doe.gov>, Smith, Jake <jake.smith@hq.doe.gov>, Gerdes, Stan <stan.gerdes@hq.doe.gov>, Buchan, Samuel <samuel.buchan@hq.doe.gov>, Szymanski, Jessica <jessica.szymanski@hq.doe.gov>, Hynes, Shaylyn <shaylyn.hynes@hq.doe.gov>
Cc: Habansky, Sarah <sarah.habansky@hq.doe.gov>, Faseler, Hunter <hunter.faseler@hq.doe.gov>, Hebert, Ashley <ashley.hebert@hq.doe.gov>
Subject: RE: Countdown call for Ukraine

Thanks Deidre, if you think that is best, we can move forward with what you outlined below. We appreciate the help. In the meantime, our team will send RFI's to IA for some generic building blocks. We will be happy to pass along to this thread for awareness once complete. Hopefully the information will be helpful for trip construction.

MJ

From: Almstead, Deidre
Sent: Friday, May 17, 2019 1:28 PM
To: Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>; Smith, Jake <jake.smith@hq.doe.gov>; Gerdes, Stan <stan.gerdes@hq.doe.gov>; Buchan, Samuel <samuel.buchan@hq.doe.gov>; Szymanski, Jessica <jessica.szymanski@hq.doe.gov>; Hynes, Shaylyn <shaylyn.hynes@hq.doe.gov>
Cc: Habansky, Sarah <sarah.habansky@hq.doe.gov>; Faseler, Hunter <hunter.faseler@hq.doe.gov>; Hebert, Ashley <ashley.hebert@hq.doe.gov>
Subject: RE: Countdown call for Ukraine

I don't think Jake is going to have anything solid until after his walk through Sunday- Jake can you let us know when that will be and we can do a call after

We will keep y'all in the loop as we get new info as well

Adding Ashley as well please keep her on all of this she is fielding info while people are in the air and can get y'all all the stuff we get in over night

---

From: Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>
Date: Friday, May 17, 2019, 1:24 PM
To: Smith, Jake <jake.smith@hq.doe.gov>, Almstead, Deidre <deidre.almstead@hq.doe.gov>, Gerdes,

AMERICAN OVERSIGHT

Stan <stan.gerdes@hq.doe.gov>, Buchan, Samuel <samuel.buchan@hq.doe.gov>, Szymanski, Jessica <jessica.szymanski@hq.doe.gov>, Hynes, Shaylyn <shaylyn.hynes@hq.doe.gov>
Cc: Habansky, Sarah <sarah.habansky@hq.doe.gov>, Faseler, Hunter <hunter.faseler@hq.doe.gov>
Subject: RE: Countdown call for Ukraine

I'm thinking 2PM DC/9PM Ukraine to allow for maximum information to come in each day.

From: Smith, Jake
Sent: Friday, May 17, 2019 1:24 PM
To: Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>; Almstead, Deidre <deidre.almstead@hq.doe.gov>; Gerdes, Stan <stan.gerdes@hq.doe.gov>; Buchan, Samuel <samuel.buchan@hq.doe.gov>; Szymanski, Jessica <jessica.szymanski@hq.doe.gov>; Hynes, Shaylyn <shaylyn.hynes@hq.doe.gov>
Cc: Habansky, Sarah <sarah.habansky@hq.doe.gov>; Faseler, Hunter <hunter.faseler@hq.doe.gov>
Subject: RE: Countdown call for Ukraine

Would the 2pm Saturday be Ukraine time or DC?

Jake

From: Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>
Date: Friday, May 17, 2019, 1:16 PM
To: Almstead, Deidre <deidre.almstead@hq.doe.gov>, Gerdes, Stan <stan.gerdes@hq.doe.gov>, Smith, Jake <jake.smith@hq.doe.gov>, Buchan, Samuel <samuel.buchan@hq.doe.gov>, Szymanski, Jessica <jessica.szymanski@hq.doe.gov>, Hynes, Shaylyn <shaylyn.hynes@hq.doe.gov>
Cc: Habansky, Sarah <sarah.habansky@hq.doe.gov>, Faseler, Hunter <hunter.faseler@hq.doe.gov>
Subject: Countdown call for Ukraine

Team - could we look at some times for countdown calls to ensure that everyone is tracking the changes for Ukraine? I am thinking perhaps 2PM on Saturday and Sunday (9PM Ukraine time). Thoughts?

MJ

Matthew J. Johnson
Deputy Staff Secretary
United States Department of Energy
C: (b) (6)
O: 202-586-3393
Matthew.J.Johnson@hq.doe.gov

AMERICAN OVERSIGHT

From: Buchan, Samuel
To: Horn, Andrew; Pereyra-Vera, Maria V.
Subject: FW: [EXTERNAL] Re: Ukraine Schedule for Call
Date: Saturday, May 18, 2019 2:43:12 AM

From: Hebert, Ashley <ashley.hebert@hq.doe.gov>
Date: Friday, May 17, 2019, 4:29 PM
To: Almstead, Deidre <deidre.almstead@hq.doe.gov>, Bell, Heather (Embassy KYIV) <BellHR@state.gov>, Buchan, Samuel <samuel.buchan@hq.doe.gov>, McCormack, Brian <brian.mccormack@hq.doe.gov>, Bahnsen, Dane M. <dane.bahnsen@hq.doe.gov>, Vande Beek, Dirk <dirk.vandebeek@hq.doe.gov>, Hynes, Shaylyn <shaylyn.hynes@hq.doe.gov>, Habansky, Sarah <sarah.habansky@hq.doe.gov>, Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>, Smith, Jake <jake.smith@hq.doe.gov>, Romero, Thomas M. <thomas.romero@hq.doe.gov>, Gerdes, Stan <stan.gerdes@hq.doe.gov>, Faseler, Hunter <hunter.faseler@hq.doe.gov>, Pereyra-Vera, Maria V. <maria.pereyra-vera@hq.doe.gov>, Garrish, Theodore <theodore.garrish@hq.doe.gov>
Subject: RE: [EXTERNAL] Re: Ukraine Schedule for Call

Hi all,

Lots of updates regarding flights:

Secretary Perry, (b) (6), (b) (7)(C), Brian McCormack, and Dirk Vande Beek will arrive via commercial airline at 3:45pm on Sunday. Their flight info is below:

LH 2544
MUC to KBP
Depart: Sunday May 19th, 12:35pm
Arrive: Sunday, May 19th, 3:45pm

Also, Ted Garrish was unfortunately not able to get on the leg from DC to Munich with Brian and Dirk, so he will be arriving at 1:15pm on Sunday. IA is working to get him on the flight with the others through Munich; I will send an update if that happens. Ted's current flight info below:

UA 989
IAD to FRA
Depart: Saturday May 18th, 5:25pm
Arrive: Sunday May 19th, 7:20am

LH 1490
FRA to KBP
Depart: Sunday May 19th, 9:50am
Arrive: Sunday, May 19th 1:15pm

(Maria has been added for Ted tracking)

From: Almstead, Deidre
Sent: Friday, May 17, 2019 2:11 PM

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To: Bell, Heather (Embassy KYIV) <BellHR@state.gov>; Buchan, Samuel <samuel.buchan@hq.doe.gov>; Hebert, Ashley <ashley.hebert@hq.doe.gov>; McCormack, Brian <brian.mccormack@hq.doe.gov>; Bahnsen, Dane M. <dane.bahnsen@hq.doe.gov>; Vande Beek, Dirk <dirk.vandebeek@hq.doe.gov>; Hynes, Shaylyn <shaylyn.hynes@hq.doe.gov>; Habansky, Sarah <sarah.habansky@hq.doe.gov>; Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>; Smith, Jake <jake.smith@hq.doe.gov>; Romero, Thomas M. <thomas.romero@hq.doe.gov>; Gerdes, Stan <stan.gerdes@hq.doe.gov>; Faseler, Hunter <hunter.faseler@hq.doe.gov>
Subject: RE: [EXTERNAL] Re: Ukraine Schedule for Call

(b) (5)

From: Bell, Heather R (Kyiv) <BellHR@state.gov>
Date: Friday, May 17, 2019, 2:08 PM
To: Buchan, Samuel <samuel.buchan@hq.doe.gov>, Almstead, Deidre <deidre.almstead@hq.doe.gov>, Hebert, Ashley <ashley.hebert@hq.doe.gov>, McCormack, Brian <brian.mccormack@hq.doe.gov>, Bahnsen, Dane M. <dane.bahnsen@hq.doe.gov>, Vande Beek, Dirk <dirk.vandebeek@hq.doe.gov>, Hynes, Shaylyn <shaylyn.hynes@hq.doe.gov>, Habansky, Sarah <sarah.habansky@hq.doe.gov>, Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>, Smith, Jake <jake.smith@hq.doe.gov>, Romero, Thomas M. <thomas.romero@hq.doe.gov>, Gerdes, Stan <stan.gerdes@hq.doe.gov>, Faseler, Hunter <hunter.faseler@hq.doe.gov>
Subject: [EXTERNAL] Re: Ukraine Schedule for Call

Hi all-

Not sure what you've gotten on mil air. Do you have a separate one from the rest of the del? We just got this schedule for it:

Arrival – May 19 at 2351
Departure – May 21 at 0901

Doesn't leave any time for a country team on Sunday nor meetings on Tuesday. I'm guessing you're arranging something different but wanted you to know what we saw from dc/state protocol on this.

Get Outlook for iOS

From: Bell, Heather R (Kyiv)
Sent: Friday, May 17, 2019 7:34:07 PM
To: Buchan, Samuel; Almstead, Deidre; Hebert, Ashley; McCormack, Brian; Bahnsen, Dane M.; Vande Beek, Dirk; Hynes, Shaylyn; Habansky, Sarah; Johnson, Matthew J.; Smith, Jake; Romero, Thomas M.; Gerdes, Stan; Faseler, Hunter
Subject: RE: Ukraine Schedule for Call

AMERICAN OVERSIGHT

Zerkal and Boyko both confirm a meeting together for Tuesday morning. Time TBD (will have to work around president and pm, am sure).

Also, apparently S1 just met w the person mentioned below a few days ago, per IA. I'm sure we'll see more of these come in.

Heather Bell
DOE Kyiv
380 44 521 54 89

From: Bell, Heather R (Kyiv)
Sent: Friday, May 17, 2019 7:23 PM
To: Buchan, Samuel <samuel.buchan@hq.doe.gov>; Almstead, Deidre <deidre.almstead@hq.doe.gov>; Hebert, Ashley <ashley.hebert@hq.doe.gov>; McCormack, Brian <brian.mccormack@hq.doe.gov>; Bahnsen, Dane M. <Dane.Bahnsen@hq.doe.gov>; Vande Beek, Dirk <dirk.vandebeek@hq.doe.gov>; Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>; Habansky, Sarah <sarah.habansky@hq.doe.gov>; Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>; Smith, Jake <jake.smith@hq.doe.gov>; Romero, Thomas M. <thomas.romero@hq.doe.gov>; Gerdes, Stan <stan.gerdes@hq.doe.gov>; Faseler, Hunter <hunter.faseler@hq.doe.gov>
Subject: RE: Ukraine Schedule for Call

We just got word that we'll be getting a request for a pull-aside from Bucharest Vice PM. Will follow up when I have more.

Heather Bell
DOE Kyiv
380 44 521 54 89

From: Buchan, Samuel <samuel.buchan@hq.doe.gov>
Sent: Friday, May 17, 2019 6:46 PM
To: Almstead, Deidre <deidre.almstead@hq.doe.gov>; Bell, Heather R (Kyiv) <BellHR@state.gov>; Hebert, Ashley <ashley.hebert@hq.doe.gov>; McCormack, Brian <brian.mccormack@hq.doe.gov>; Bahnsen, Dane M. <Dane.Bahnsen@hq.doe.gov>; Vande Beek, Dirk <dirk.vandebeek@hq.doe.gov>; Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>; Habansky, Sarah <sarah.habansky@hq.doe.gov>; Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>; Smith, Jake <jake.smith@hq.doe.gov>; Romero, Thomas M. <thomas.romero@hq.doe.gov>; Gerdes, Stan <stan.gerdes@hq.doe.gov>; Faseler, Hunter <hunter.faseler@hq.doe.gov>
Subject: RE: Ukraine Schedule for Call

Ted will be mirroring the flight of Brian/Dirk, and hopefully be able to join on MILAIR if room permits.

From: Almstead, Deidre

AMERICAN OVERSIGHT

Sent: Friday, May 17, 2019 11:43 AM
To: Bell, Heather (Embassy KYIV) <BellHR@state.gov>; Hebert, Ashley <ashley.hebert@hq.doe.gov>; McCormack, Brian <brian.mccormack@hq.doe.gov>; Bahnsen, Dane M. <dane.bahnsen@hq.doe.gov>; Vande Beek, Dirk <dirk.vandebeek@hq.doe.gov>; Hynes, Shaylyn <shaylyn.hynes@hq.doe.gov>; Habansky, Sarah <sarah.habansky@hq.doe.gov>; Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>; Buchan, Samuel <samuel.buchan@hq.doe.gov>; Smith, Jake <jake.smith@hq.doe.gov>; Romero, Thomas M. <thomas.romero@hq.doe.gov>; Gerdes, Stan <stan.gerdes@hq.doe.gov>; Faseler, Hunter <hunter.faseler@hq.doe.gov>
Subject: RE: Ukraine Schedule for Call

Just got word Ted Garrish will be going

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Sent: Friday, May 17, 2019 11:14 AM
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Subject: [EXTERNAL] RE: Ukraine Schedule for Call

Just wanted to note this-

The presidential delegation list does not include Amb. Sondland, although he has requested dinner w S1 on Sunday night. I've heard he may reach out to Trump to have himself re-established on the list. So stand by!

Secretary Perry (Self-deploying, MILAIR from Munich, and MILAIR on return)
Director Vindman (MILAIR, returning commercial)
DCM Pennington (In-country)
SRUN Volker (Self-deploying)
Senator Portman (MILAIR)

Heather Bell
DOE Kyiv
380 44 521 54 89

From: Bell, Heather R (Kyiv)
Sent: Friday, May 17, 2019 4:45 PM
To: Hebert, Ashley <ashley.hebert@hq.doe.gov>; Almstead, Deidre <deidre.almstead@hq.doe.gov>; McCormack, Brian <brian.mccormack@hq.doe.gov>; Bahnsen, Dane M. <Dane.Bahnsen@hq.doe.gov>; Vande Beek, Dirk <dirk.vandebeek@hq.doe.gov>; Hynes, Shaylyn

AMERICAN OVERSIGHT

<Shaylyn.Hynes@hq.doe.gov>; Habansky, Sarah <sarah.habansky@hq.doe.gov>; Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>; Buchan, Samuel <Samuel.Buchan@hq.doe.gov>; Smith, Jake <jake.smith@hq.doe.gov>; Romero, Thomas M. <thomas.romero@hq.doe.gov>; Gerdes, Stan <stan.gerdes@hq.doe.gov>; Faseler, Hunter <hunter.faseler@hq.doe.gov>
Subject: RE: Ukraine Schedule for Call

All-

Sorry for the duplicity- here's what I just sent to a few of you, now sending to the group:

Some other updates ahead of the call and questions I'll be asking so it's in one place:

(b) (5)

AMERICAN OVERSIGHT

(b) (5)

Everyone who was here in November and has a clearance has their clearance here still. I think this covers everyone except those who aern't cleared and A/S Garrish.

Heather Bell
DOE Kyiv
380 44 521 54 89

From: Hebert, Ashley <ashley.hebert@hq.doe.gov>
Sent: Friday, May 17, 2019 4:39 PM
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Subject: Ukraine Schedule for Call

All,

Attached is the Ukraine draft schedule for today's call. Call in info below:

Call In: (b) (6)
ID: (b) (6)

Ashley Hebert
Office of the Secretary, U.S. Department of Energy
Tel: 202.586.8472
Cell: (b) (6)

AMERICAN OVERSIGHT

From: Buchan, Samuel
To: Bell, Heather (Embassy KYIV); Sherman, Nicholas; Tumminia, Paul
Subject: RE: [EXTERNAL] RE: RE: Re: PSA tenders approved!
Date: Tuesday, February 26, 2019 11:09:44 AM

(b) (5)

From: Bell, Heather R (Kyiv) [mailto:BellHR@state.gov]
Sent: Monday, February 25, 2019 8:05 AM
To: Buchan, Samuel <Samuel.Buchan@hq.doe.gov>; Sherman, Nicholas <Nicholas.Sherman@hq.doe.gov>; Tumminia, Paul <Paul.Tumminia@Hq.Doe.Gov>
Subject: [EXTERNAL] RE: RE: Re: PSA tenders approved!

(b) (5)

Heather Bell
DOE Kyiv
380 44 521 54 89

From: Buchan, Samuel <Samuel.Buchan@hq.doe.gov>
Sent: Monday, February 25, 2019 3:00 PM
To: Bell, Heather R (Kyiv) <BellHR@state.gov>; Sherman, Nicholas <Nicholas.Sherman@hq.doe.gov>; Tumminia, Paul <Paul.Tumminia@Hq.Doe.Gov>
Subject: RE: [EXTERNAL] RE: Re: PSA tenders approved!

Thank you very much, Heather. (b) (5)

From: Bell, Heather R (Kyiv) [mailto:BellHR@state.gov]
Sent: Monday, February 25, 2019 7:54 AM
To: Buchan, Samuel <Samuel.Buchan@hq.doe.gov>; Sherman, Nicholas <Nicholas.Sherman@hq.doe.gov>; Tumminia, Paul <Paul.Tumminia@Hq.Doe.Gov>
Subject: [EXTERNAL] RE: Re: PSA tenders approved!

Sam,

Yes some good news today!

AMERICAN OVERSIGHT

(b) (5)

We're following this closely here. Will update when there's more.

Heather Bell
DOE Kyiv
380 44 521 54 89

From: Buchan, Samuel <Samuel.Buchan@hq.doe.gov>
Sent: Monday, February 25, 2019 2:36 PM
To: Bell, Heather R (Kyiv) <BellHR@state.gov>; Sherman, Nicholas <Nicholas.Sherman@hq.doe.gov>; Tumminia, Paul <Paul.Tumminia@Hq.Doe.Gov>
Subject: FW: [EXTERNAL] Re: PSA tenders approved!
Importance: High

Heather,

(b) (5)

Best,

Sam

From: Yovanovitch, Marie L (Kyiv) (b) (6)
Date: Monday, Feb 25, 2019, 3:22 AM
To: Bleyzer, Michael (b) (6) , Alex Cranberg (b) (6) , (b) (6)

AMERICAN OVERSIGHT

(b) (6) , Lora Mays (b) (6) , Parker, Tan (b) (6) , Bleyzer, Lev (b) (6) , Morgan Williams (b) (6) , (b) (6) (b) (6)
Cc: O'Malley, Ryan (b) (6) , Sigda Neal (b) (6) , Segura, Edi L. (b) (6) , Alina Bodaeva (b) (6) , Hunt, Martin (b) (6) , (b) (6) (b) (6) , Kent, George P (b) (6) , Eric Rasmussen (b) (6) , McCormack, Brian <Brian.Mccormack@hq.doe.gov>
Subject: [EXTERNAL] Re: PSA tenders approved!

Great news! Congratulations!

From: Bleyzer, Michael (b) (6)
Sent: Monday, February 25, 2019 9:36 AM
To: Alex Cranberg; (b) (6) ; Lora Mays; Parker, Tan; Bleyzer, Lev; Morgan Williams; (b) (6)
Cc: O'Malley, Ryan; Sigda Neal; Segura, Edi L.; Alina Bodaeva; Hunt, Martin; Yovanovitch, Marie L (Kyiv); (b) (6) ; Kent, George P; Eric Rasmussen; brian.mccormack@hq.doe.gov
Subject: PSA tenders approved!

We've got it!
10 min ago the interagency committee gave the final approval for PSA tenders.
The vote was 10:0 to approve without any changes. This is a major victory for Ukraine and progressive forces trying to open up Ukrainian oil& gas market.

Huge thanks goes to SigmaBleyzer energy team and Aspect Energy team. And of course we could not have done it without tremendous help from the US Embassy, State Department, DOE, EBRD and others.

Thank you all.
MB
Sent from my iPhone

AMERICAN OVERSIGHT

From: Buchan, Samuel
To: Horn, Andrew; Pereyra-Vera, Maria V.
Subject: FW: [EXTERNAL] Re: Ukraine Schedule for Call
Date: Saturday, May 18, 2019 2:43:12 AM

From: Hebert, Ashley <ashley.hebert@hq.doe.gov>
Date: Friday, May 17, 2019, 4:29 PM
To: Almstead, Deidre <deidre.almstead@hq.doe.gov>, Bell, Heather (Embassy KYIV) <BellHR@state.gov>, Buchan, Samuel <samuel.buchan@hq.doe.gov>, McCormack, Brian <brian.mccormack@hq.doe.gov>, Bahnsen, Dane M. <dane.bahnsen@hq.doe.gov>, Vande Beek, Dirk <dirk.vandebeek@hq.doe.gov>, Hynes, Shaylyn <shaylyn.hynes@hq.doe.gov>, Habansky, Sarah <sarah.habansky@hq.doe.gov>, Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>, Smith, Jake <jake.smith@hq.doe.gov>, Romero, Thomas M. <thomas.romero@hq.doe.gov>, Gerdes, Stan <stan.gerdes@hq.doe.gov>, Faseler, Hunter <hunter.faseler@hq.doe.gov>, Pereyra-Vera, Maria V. <maria.pereyra-vera@hq.doe.gov>, Garrish, Theodore <theodore.garrish@hq.doe.gov>
Subject: RE: [EXTERNAL] Re: Ukraine Schedule for Call

Hi all,

Lots of updates regarding flights:

Secretary Perry, (b) (6), (b) (7)(C), Brian McCormack, and Dirk Vande Beek will arrive via commercial airline at 3:45pm on Sunday. Their flight info is below:

LH 2544
MUC to KBP
Depart: Sunday May 19th, 12:35pm
Arrive: Sunday, May 19th, 3:45pm

Also, Ted Garrish was unfortunately not able to get on the leg from DC to Munich with Brian and Dirk, so he will be arriving at 1:15pm on Sunday. IA is working to get him on the flight with the others through Munich; I will send an update if that happens. Ted's current flight info below:

UA 989
IAD to FRA
Depart: Saturday May 18th, 5:25pm
Arrive: Sunday May 19th, 7:20am

LH 1490
FRA to KBP
Depart: Sunday May 19th, 9:50am
Arrive: Sunday, May 19th 1:15pm

(Maria has been added for Ted tracking)

From: Almstead, Deidre
Sent: Friday, May 17, 2019 2:11 PM

AMERICAN OVERSIGHT

To: Bell, Heather (Embassy KYIV) <BellHR@state.gov>; Buchan, Samuel <samuel.buchan@hq.doe.gov>; Hebert, Ashley <ashley.hebert@hq.doe.gov>; McCormack, Brian <brian.mccormack@hq.doe.gov>; Bahnsen, Dane M. <dane.bahnsen@hq.doe.gov>; Vande Beek, Dirk <dirk.vandebeek@hq.doe.gov>; Hynes, Shaylyn <shaylyn.hynes@hq.doe.gov>; Habansky, Sarah <sarah.habansky@hq.doe.gov>; Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>; Smith, Jake <jake.smith@hq.doe.gov>; Romero, Thomas M. <thomas.romero@hq.doe.gov>; Gerdes, Stan <stan.gerdes@hq.doe.gov>; Faseler, Hunter <hunter.faseler@hq.doe.gov>
Subject: RE: [EXTERNAL] Re: Ukraine Schedule for Call

(b) (5)

From: Bell, Heather R (Kyiv) <BellHR@state.gov>
Date: Friday, May 17, 2019, 2:08 PM
To: Buchan, Samuel <samuel.buchan@hq.doe.gov>, Almstead, Deidre <deidre.almstead@hq.doe.gov>, Hebert, Ashley <ashley.hebert@hq.doe.gov>, McCormack, Brian <brian.mccormack@hq.doe.gov>, Bahnsen, Dane M. <dane.bahnsen@hq.doe.gov>, Vande Beek, Dirk <dirk.vandebeek@hq.doe.gov>, Hynes, Shaylyn <shaylyn.hynes@hq.doe.gov>, Habansky, Sarah <sarah.habansky@hq.doe.gov>, Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>, Smith, Jake <jake.smith@hq.doe.gov>, Romero, Thomas M. <thomas.romero@hq.doe.gov>, Gerdes, Stan <stan.gerdes@hq.doe.gov>, Faseler, Hunter <hunter.faseler@hq.doe.gov>
Subject: [EXTERNAL] Re: Ukraine Schedule for Call

Hi all-

Not sure what you've gotten on mil air. Do you have a separate one from the rest of the del? We just got this schedule for it:

Arrival – May 19 at 2351
Departure – May 21 at 0901

Doesn't leave any time for a country team on Sunday nor meetings on Tuesday. I'm guessing you're arranging something different but wanted you to know what we saw from dc/state protocol on this.

Get Outlook for iOS

From: Bell, Heather R (Kyiv)
Sent: Friday, May 17, 2019 7:34:07 PM
To: Buchan, Samuel; Almstead, Deidre; Hebert, Ashley; McCormack, Brian; Bahnsen, Dane M.; Vande Beek, Dirk; Hynes, Shaylyn; Habansky, Sarah; Johnson, Matthew J.; Smith, Jake; Romero, Thomas M.; Gerdes, Stan; Faseler, Hunter
Subject: RE: Ukraine Schedule for Call

AMERICAN OVERSIGHT

Zerkal and Boyko both confirm a meeting together for Tuesday morning. Time TBD (will have to work around president and pm, am sure).

Also, apparently S1 just met w the person mentioned below a few days ago, per IA. I'm sure we'll see more of these come in.

Heather Bell
DOE Kyiv
380 44 521 54 89

From: Bell, Heather R (Kyiv)
Sent: Friday, May 17, 2019 7:23 PM
To: Buchan, Samuel <samuel.buchan@hq.doe.gov>; Almstead, Deidre <deidre.almstead@hq.doe.gov>; Hebert, Ashley <ashley.hebert@hq.doe.gov>; McCormack, Brian <brian.mccormack@hq.doe.gov>; Bahnsen, Dane M. <Dane.Bahnsen@hq.doe.gov>; Vande Beek, Dirk <dirk.vandebeek@hq.doe.gov>; Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>; Habansky, Sarah <sarah.habansky@hq.doe.gov>; Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>; Smith, Jake <jake.smith@hq.doe.gov>; Romero, Thomas M. <thomas.romero@hq.doe.gov>; Gerdes, Stan <stan.gerdes@hq.doe.gov>; Faseler, Hunter <hunter.faseler@hq.doe.gov>
Subject: RE: Ukraine Schedule for Call

We just got word that we'll be getting a request for a pull-aside from Bucharest Vice PM. Will follow up when I have more.

Heather Bell
DOE Kyiv
380 44 521 54 89

From: Buchan, Samuel <samuel.buchan@hq.doe.gov>
Sent: Friday, May 17, 2019 6:46 PM
To: Almstead, Deidre <deidre.almstead@hq.doe.gov>; Bell, Heather R (Kyiv) <BellHR@state.gov>; Hebert, Ashley <ashley.hebert@hq.doe.gov>; McCormack, Brian <brian.mccormack@hq.doe.gov>; Bahnsen, Dane M. <Dane.Bahnsen@hq.doe.gov>; Vande Beek, Dirk <dirk.vandebeek@hq.doe.gov>; Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>; Habansky, Sarah <sarah.habansky@hq.doe.gov>; Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>; Smith, Jake <jake.smith@hq.doe.gov>; Romero, Thomas M. <thomas.romero@hq.doe.gov>; Gerdes, Stan <stan.gerdes@hq.doe.gov>; Faseler, Hunter <hunter.faseler@hq.doe.gov>
Subject: RE: Ukraine Schedule for Call

Ted will be mirroring the flight of Brian/Dirk, and hopefully be able to join on MILAIR if room permits.

From: Almstead, Deidre

AMERICAN OVERSIGHT

Sent: Friday, May 17, 2019 11:43 AM
To: Bell, Heather (Embassy KYIV) <BellHR@state.gov>; Hebert, Ashley <ashley.hebert@hq.doe.gov>; McCormack, Brian <brian.mccormack@hq.doe.gov>; Bahnsen, Dane M. <dane.bahnsen@hq.doe.gov>; Vande Beek, Dirk <dirk.vandebeek@hq.doe.gov>; Hynes, Shaylyn <shaylyn.hynes@hq.doe.gov>; Habansky, Sarah <sarah.habansky@hq.doe.gov>; Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>; Buchan, Samuel <samuel.buchan@hq.doe.gov>; Smith, Jake <jake.smith@hq.doe.gov>; Romero, Thomas M. <thomas.romero@hq.doe.gov>; Gerdes, Stan <stan.gerdes@hq.doe.gov>; Faseler, Hunter <hunter.faseler@hq.doe.gov>
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Director Vindman (MILAIR, returning commercial)
DCM Pennington (In-country)
SRUN Volker (Self-deploying)
Senator Portman (MILAIR)

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Sent: Friday, May 17, 2019 4:45 PM
To: Hebert, Ashley <ashley.hebert@hq.doe.gov>; Almstead, Deidre <deidre.almstead@hq.doe.gov>; McCormack, Brian <brian.mccormack@hq.doe.gov>; Bahnsen, Dane M. <Dane.Bahnsen@hq.doe.gov>; Vande Beek, Dirk <dirk.vandebeek@hq.doe.gov>; Hynes, Shaylyn

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<Shaylyn.Hynes@hq.doe.gov>; Habansky, Sarah <sarah.habansky@hq.doe.gov>; Johnson, Matthew J. <matthew.j.johnson@hq.doe.gov>; Buchan, Samuel <Samuel.Buchan@hq.doe.gov>; Smith, Jake <jake.smith@hq.doe.gov>; Romero, Thomas M. <thomas.romero@hq.doe.gov>; Gerdes, Stan <stan.gerdes@hq.doe.gov>; Faseler, Hunter <hunter.faseler@hq.doe.gov>
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(b) (5)

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Subject: Ukraine Schedule for Call

All,

Attached is the Ukraine draft schedule for today's call. Call in info below:

Call In: (b) (6)
ID: (b) (6)

Ashley Hebert
Office of the Secretary, U.S. Department of Energy
Tel: 202.586.8472
Cell: (b) (6)

AMERICAN OVERSIGHT

From: Buchan, Samuel
To: Bell, Heather (Embassy KYIV); Sherman, Nicholas; Tumminia, Paul
Subject: RE: [EXTERNAL] RE: Re: PSA tenders approved!
Date: Monday, February 25, 2019 7:59:48 AM

Thank you very much, Heather. (b) (5)

From: Bell, Heather R (Kyiv) [mailto:BellHR@state.gov]
Sent: Monday, February 25, 2019 7:54 AM
To: Buchan, Samuel <Samuel.Buchan@hq.doe.gov>; Sherman, Nicholas <Nicholas.Sherman@hq.doe.gov>; Tumminia, Paul <Paul.Tumminia@Hq.Doe.Gov>
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380 44 521 54 89

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Sent: Monday, February 25, 2019 2:36 PM

AMERICAN OVERSIGHT

To: Bell, Heather R (Kyiv) <BellHR@state.gov>; Sherman, Nicholas <Nicholas.Sherman@hq.doe.gov>; Tumminia, Paul <Paul.Tumminia@Hq.Doe.Gov>
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Importance: High

Heather,

(b) (5)

Best,

Sam

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Date: Monday, Feb 25, 2019, 3:22 AM
To: Bleyzer, Michael (b) (6), Alex Cranberg (b) (6), (b) (6) (b) (6), Lora Mays (b) (6), Parker, Tan (b) (6), Bleyzer, Lev (b) (6), Morgan Williams (b) (6) (b) (6)
Cc: O'Malley, Ryan (b) (6), Sigda Neal (b) (6), Segura, Edi L. (b) (6), Alina Bodaeva (b) (6), Hunt, Martin (b) (6) (b) (6), Kent, George P (b) (6), Eric Rasmussen (b) (6), McCormack, Brian <Brian.Mccormack@hq.doe.gov>
Subject: [EXTERNAL] Re: PSA tenders approved!

Great news! Congratulations!

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Sent: Monday, February 25, 2019 9:36 AM
To: Alex Cranberg; (b) (6); Lora Mays; Parker, Tan; Bleyzer, Lev; Morgan Williams; (b) (6)
Cc: O'Malley, Ryan; Sigda Neal; Segura, Edi L.; Alina Bodaeva; Hunt, Martin; Yovanovitch, Marie L (Kyiv); (b) (6) (Kyiv); (b) (6) (Kyiv); Kent, George P; Eric Rasmussen; brian.mccormack@hq.doe.gov
Subject: PSA tenders approved!

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The vote was 10:0 to approve without any changes. This is a major victory for Ukraine and progressive forces trying to open up Ukrainian oil& gas market.

Huge thanks goes to SigmaBleyzer energy team and Aspect Energy team. And of course we could not have done it without tremendous help from the US Embassy, State Department,

AMERICAN OVERSIGHT

DOE, EBRD and others.

Thank you all.
MB
Sent from my iPhone

AMERICAN OVERSIGHT

From: Buchan, Samuel
To: Bell, Heather (Embassy KYIV); Sherman, Nicholas; Tumminia, Paul
Subject: RE: [EXTERNAL] RE: RE: Re: PSA tenders approved!
Date: Tuesday, February 26, 2019 11:09:44 AM

(b) (5)

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Sent: Monday, February 25, 2019 8:05 AM
To: Buchan, Samuel <Samuel.Buchan@hq.doe.gov>; Sherman, Nicholas <Nicholas.Sherman@hq.doe.gov>; Tumminia, Paul <Paul.Tumminia@Hq.Doe.Gov>
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(b) (5)

Heather Bell
DOE Kyiv
380 44 521 54 89

From: Buchan, Samuel <Samuel.Buchan@hq.doe.gov>
Sent: Monday, February 25, 2019 3:00 PM
To: Bell, Heather R (Kyiv) <BellHR@state.gov>; Sherman, Nicholas <Nicholas.Sherman@hq.doe.gov>; Tumminia, Paul <Paul.Tumminia@Hq.Doe.Gov>
Subject: RE: [EXTERNAL] RE: Re: PSA tenders approved!

Thank you very much, Heather. (b) (5)

From: Bell, Heather R (Kyiv) [mailto:BellHR@state.gov]
Sent: Monday, February 25, 2019 7:54 AM
To: Buchan, Samuel <Samuel.Buchan@hq.doe.gov>; Sherman, Nicholas <Nicholas.Sherman@hq.doe.gov>; Tumminia, Paul <Paul.Tumminia@Hq.Doe.Gov>
Subject: [EXTERNAL] RE: Re: PSA tenders approved!

Sam,

Yes some good news today!

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(b) (5)

We're following this closely here. Will update when there's more.

Heather Bell
DOE Kyiv
380 44 521 54 89

From: Buchan, Samuel <Samuel.Buchan@hq.doe.gov>
Sent: Monday, February 25, 2019 2:36 PM
To: Bell, Heather R (Kyiv) <BellHR@state.gov>; Sherman, Nicholas <Nicholas.Sherman@hq.doe.gov>; Tumminia, Paul <Paul.Tumminia@Hq.Doe.Gov>
Subject: FW: [EXTERNAL] Re: PSA tenders approved!
Importance: High

Heather,

(b) (5)

Best,

Sam

From: Yovanovitch, Marie L (Kyiv) (b) (6)
Date: Monday, Feb 25, 2019, 3:22 AM
To: Bleyzer, Michael (b) (6) , Alex Cranberg (b) (6) , (b) (6)

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(b) (6) , Lora Mays (b) (6) , Parker, Tan (b) (6) , Bleyzer, Lev (b) (6) , Morgan Williams (b) (6)

Cc: O'Malley, Ryan (b) (6) , Sigda Neal (b) (6) , Segura, Edi L. (b) (6) , Alina Bodaeva (b) (6) , Hunt, Martin (b) (6) (b) (6) , Kent, George P (b) (6) , Eric Rasmussen (b) (6) , McCormack, Brian <Brian.Mccormack@hq.doe.gov>
Subject: [EXTERNAL] Re: PSA tenders approved!

Great news! Congratulations!

From: Bleyzer, Michael (b) (6)
Sent: Monday, February 25, 2019 9:36 AM
To: Alex Cranberg; (b) (6) ; Lora Mays; Parker, Tan; Bleyzer, Lev; Morgan Williams; (b) (6)
Cc: O'Malley, Ryan; Sigda Neal; Segura, Edi L.; Alina Bodaeva; Hunt, Martin; Yovanovitch, Marie L (Kyiv); (b) (6) ; Kent, George P; Eric Rasmussen; brian.mccormack@hq.doe.gov
Subject: PSA tenders approved!

We've got it!
10 min ago the interagency committee gave the final approval for PSA tenders.
The vote was 10:0 to approve without any changes. This is a major victory for Ukraine and progressive forces trying to open up Ukrainian oil& gas market.

Huge thanks goes to SigmaBleyzer energy team and Aspect Energy team. And of course we could not have done it without tremendous help from the US Embassy, State Department, DOE, EBRD and others.

Thank you all.
MB
Sent from my iPhone

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From: Buchan, Samuel
To: McCormack, Brian; Garrish, Theodore
Cc: Sherman, Nicholas
Subject: FW: [EXTERNAL] Winners Announced for Ukraine's 9 Onshore PSA Blocks
Date: Monday, July 01, 2019 12:26:47 PM

All - See below for the details of the announcements. Note that this is regarding onshore only. The tenders for the offshore blocs are still in process.

From: (b) (6)
Date: Monday, Jul 01, 2019, 9:25 AM
To: (b) (6) Noel, Emily E <emily.noel@hq.doe.gov>, Buchan, Samuel <samuel.buchan@hq.doe.gov>, (b) (6) Didiuk, John <John.Didiuk@opic.gov>, Alexander, John <John.Alexander@opic.gov>, (b) (6) , Suzanne Rothman <Suzanne.Rothman@trade.gov>, Chumak, Boris (trade) <boris.chumak@trade.gov>, Tumminia, Paul <paul.tumminia@hq.doe.gov>, McKearin, Josh <josh.mckearin@hq.doe.gov>, Ghaussy, Farhad (KYIV/OEG) <fghaussy@usaid.gov>, Bogut, Sukru <sbogut@usaid.gov>, Bell, Heather (Embassy KYIV) <BellHR@state.gov>, (b) (6) Phillips, Charles <Charles.phillips@trade.gov>
Cc: (b) (6)
(b) (6)
Subject: [EXTERNAL] Winners Announced for Ukraine's 9 Onshore PSA Blocks

Dear All,

Ukraine's PSA Interagency Commission announced their recommendations on the **nine onshore PSA blocks today**.

U.S.-based private equity firm SigmaBleyzer and Aspect Energy won the Varvynska block. Ukraine's state-owned UkrGasVydobuvannya (UGV), a Naftogaz subsidiary, was awarded two independent bids (Buzivska and Berestyanska) and two joint bids with the Canadian company Vermillion Energy (Balakliyska and Ivanivska). The Ukrainian company Zakhidnadraservice was awarded the Uhnivska block. Three oligarch-controlled companies had winning bids. GeoAlliance, which is controlled by Victor Pinchuk, was awarded the Sofiyivska blcok. DTEK, which is owned by Rinat Akhmetov, won the Zinkivska block. The Rusanivska block was awarded to Ukrnafta, which is partly owned by Igor Kolomoiskyy.

Block	Acreage (sq km)	Winner
Varvynska	347,126	SigmaBleyzer / Aspect Energy
Sofiyivska	271,595	GeoAlliance
Balakliyska	111,925	UGV / Vermillion Energy
Uhnivska	96,744	Zakhidnadraservice
Ivanivska	84,161	UGV / Vermillion Energy
Rusanivska	76,656	Ukrnafta
Buzivska	66,965	UGV

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Zinkivska	5,714	DTEK O&G
Berestyanska	28,638	UGV

Next Steps: The Cabinet of Ministers will have two months to review the recommendations before formally announcing the onshore PSA winners. Elections fall within that timeframe, but because the PSA Interagency Commission made their recommendations public, it is highly expected that the Cabinet of Ministers (current or newly elected) will accept their recommendations. Failure to accept the recommendations of the PSA Interagency Commission greatly increases the risk of litigation.

Once the recommendations have been made final, negotiations will start on the contracts. Under the current process, each bidder proposes its own contract, which provides a negotiation advantage to bidders. This also will result in non-uniform agreements and will likely extend the negotiation period. Because the GOU currently has no standard contract template, it will be difficult to ensure all agreements have proper risk mitigation terms (prohibited sources/companies, termination if no drilling). In addition, the lack of standardization will make implementation more difficult.

Offshore PSA block: The recommended winner of PSA tender for the Dolphin offshore block will be announced by the PSA Interagency Commission no later than July 12.

Please let me know if you have any questions.

Best,
(b) (6)

(b) (6)
Energy Officer
U.S. Embassy Kyiv, Ukraine
(b) (6)
Office: (b) (6)
Mobile

From: (b) (6)
Sent: Thursday, June 13, 2019 6:13 PM
To: (b) (6) ; Noel, Emily E <emily.noel@hq.doe.gov>; Buchan, Samuel <Samuel.Buchan@hq.doe.gov>; (b) (6) ; Didiuk, John <John.Didiuk@opic.gov>; Alexander, John <John.Alexander@opic.gov>; (b) (6) ; Suzanne Rothman <Suzanne.Rothman@trade.gov>; Chumak, Boris (trade) <boris.chumak@trade.gov>; Tumminia, Paul

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<paul.tumminia@hq.doe.gov>; McKearin, Josh <josh.mckearin@hq.doe.gov>; Ghaussy, Farhad (KYIV/OEG) <fghaussy@usaid.gov>; Bogut, Sukru <sbogut@usaid.gov>; Bell, Heather R (Kyiv) <BellHR@state.gov>; (b) (6) Phillips, Charles <Charles.phillips@trade.gov>
Cc: (b) (6)
Subject: RE: Following Up: PSAs

Dear All,

I have attached a paper presenting background information on Ukraine's PSA process. We hope that this provides some clarity; please let us know if you have any additional questions.

Best,
(b) (6)

(b) (6)
Energy Officer
U.S. Embassy Kyiv, Ukraine
(b) (6)
Office: (b) (6)
Mobile: (b) (6)

From: (b) (6)
Sent: Thursday, June 13, 2019 4:06 PM
To: Noel, Emily E <emily.noel@hq.doe.gov>; Buchan, Samuel <Samuel.Buchan@hq.doe.gov>; (b) (6) ; Didiuk, John <John.Didiuk@opic.gov>; Alexander, John <John.Alexander@opic.gov>; (b) (6) ; Suzanne Rothman <Suzanne.Rothman@trade.gov>; Chumak, Boris (trade) <boris.chumak@trade.gov>; Tumminia, Paul <paul.tumminia@hq.doe.gov>; McKearin, Josh <josh.mckearin@hq.doe.gov>
Cc: (b) (6)
Subject: RE: Following Up: PSAs

All,
Just to flag that post will send a more detailed paper for your views shortly on the thinking regarding extending the review period for consideration. It will also capture the views of European partners on this issue. I will also re-circulate a high-side cable on this process shortly.

Official - SBU

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From: Noel, Emily E <emily.noel@hq.doe.gov>
Sent: Thursday, June 13, 2019 8:54 AM
To: (b) (6) ; Buchan, Samuel <Samuel.Buchan@hq.doe.gov>; (b) (6) ; Didiuk, John <John.Didiuk@opic.gov>; Alexander, John <John.Alexander@opic.gov>; (b) (6) ; Suzanne Rothman <Suzanne.Rothman@trade.gov>; Chumak, Boris (trade) <boris.chumak@trade.gov>; Tumminia, Paul <paul.tumminia@hq.doe.gov>; McKearin, Josh <josh.mckearin@hq.doe.gov>
Cc: (b) (6)
Subject: RE: Following Up: PSAs

+ Paul and Josh

I wanted to note that in DAS Lockwood's conversation with Frontera on Monday regarding the offshore bids (as mentioned in the meeting yesterday), the company noted (b) (4) However, I defer to Commerce on U.S. companies' perspective. I know for Frontera's bid, Commerce's Advocacy Center was involved.

Emily

From: (b) (6)
Sent: Wednesday, June 12, 2019 6:18 PM
To: Buchan, Samuel <samuel.buchan@hq.doe.gov>; (b) (6) Noel, Emily E <emily.noel@hq.doe.gov>; Didiuk, John <John.Didiuk@opic.gov>; Alexander, John <John.Alexander@opic.gov>; (b) (6) Suzanne Rothman <Suzanne.Rothman@trade.gov>; Chumak, Boris (trade) <boris.chumak@trade.gov>
Cc: (b) (6)
Subject: [EXTERNAL] RE: Following Up: PSAs

I think both—offshore bids were due today I believe, and onshore bids were due at the end of May—I'd imagine we'd encourage more than 30 days for review for both sets of blocks.

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From: Buchan, Samuel <samuel.buchan@hq.doe.gov>

AMERICAN OVERSIGHT

Sent: Wednesday, June 12, 2019 4:44 PM
To: (b) (6)
Noel, Emily E <emily.noel@hq.doe.gov>; Didiuk, John <John.Didiuk@opic.gov>; Alexander, John <John.Alexander@opic.gov>; (b) (6)
Suzanne Rothman <Suzanne.Rothman@trade.gov>; Chumak, Boris (trade) <boris.chumak@trade.gov>
Cc: (b) (6)
Subject: RE: Following Up: PSAs

Are we talking about onshore, offshore, both?

(Agree with (b) (6) point about the reestablishment of a new PSA Commission)

From: (b) (6)
Sent: Wednesday, June 12, 2019 3:11 PM
To: (b) (6) Noel, Emily E <emily.noel@hq.doe.gov>; Buchan, Samuel <samuel.buchan@hq.doe.gov>; Didiuk, John <John.Didiuk@opic.gov>; Alexander, John <John.Alexander@opic.gov>; (b) (6)
Suzanne Rothman <Suzanne.Rothman@trade.gov>; Chumak, Boris (trade) <boris.chumak@trade.gov>
Cc: (b) (6)
Subject: [EXTERNAL] RE: Following Up: PSAs

+ Commerce colleagues, sorry for leaving you off initially.

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From: (b) (6)
Sent: Wednesday, June 12, 2019 1:40 PM
To: (b) (6) Noel, Emily E (emily.noel@hq.doe.gov) <emily.noel@hq.doe.gov>; Buchan, Samuel <Samuel.Buchan@hq.doe.gov>; Didiuk, John <John.Didiuk@opic.gov>; Alexander, John <John.Alexander@opic.gov>; (b) (6)
Cc: (b) (6)
Subject: RE: Following Up: PSAs

Kyiv colleagues, what's your view on that proposal?

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From: (b) (6)
Sent: Wednesday, June 12, 2019 1:28 PM
To: (b) (6) Noel, Emily E (emily.noel@hq.doe.gov) <emily.noel@hq.doe.gov>; Buchan, Samuel <Samuel.Buchan@hq.doe.gov>; Didiuk, John <John.Didiuk@opic.gov>; Alexander, John <John.Alexander@opic.gov>; (b) (6)
Cc: (b) (6)
Subject: RE: Following Up: PSAs

The only other thing to add, for the PSA process is for the Commission to be dissolved and reappointed once there's a new Rada. But that point needed no clarification.

Sincerely,

(b) (6)
Energy and Economic Officer
Office of the European Union and Regional Affairs
Bureau of European and Eurasian Affairs
(b) (6)

Official - SBU
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From: (b) (6)
Sent: Wednesday, June 12, 2019 1:17 PM
To: (b) (6) Noel, Emily E (emily.noel@hq.doe.gov) <emily.noel@hq.doe.gov>; Buchan, Samuel <Samuel.Buchan@hq.doe.gov>; Didiuk, John <John.Didiuk@opic.gov>; Alexander, John <John.Alexander@opic.gov>; (b) (6)
Cc: (b) (6)
Subject: Following Up: PSAs

All,
I wanted to follow up on our discussion earlier today on post's recommendations regarding the PSA process in Ukraine. Below clarification is from Kyiv—I am also ccing them on this e-mail so they can correct the record in case I've gotten anything wrong. Also adding ENR here.

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Kyiv recommends extending the review period by at least four months to permit consideration of introducing substantial changes to ensure the onshore round selection and review processes are professional, transparent, and consistent with international best practices. The process is currently at the stage of consideration of the bids but this period is only 30 days. Idea is to extend this period out further to introduce some changes during this step to try to make the final selection better, including putting in improved standard criteria on which to base a decision. So this current round still goes through but with a better process of final selection, among other improvements.

Let me know your thoughts.

Thanks,
(b) (6)

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Document 8 2.2

Rodriguez, Susan (CONTR)

From: Tumminia, Paul
Sent: Thursday, January 24, 2019 7:01 AM
To: Sherman, Nicholas; Buchan, Samuel; Sandoli, Robert; Lockwood, Andrea; Lyon, Jennifer
Subject: FW: Communications on unbundling
Attachments: 2019-01-24 Groysman to Sefcovic on Naftogaz Unbundling.docx

Categories: Responsive

Deleted

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From: (b) (6)
Sent: Thursday, January 24, 2019 9:47 AM
To: Tumminia, Paul <Paul.Tumminia@Hq.Doe.Gov>; Bell, Heather (Embassy KYIV) <BellHR@state.gov>
Cc: Parfeniuk, Liudmila (DOE Kyiv) <ParfeniukLI@state.gov>
Subject: [EXTERNAL] RE: Communications on unbundling

Dear Paul,
Please find the attached translation.

Thanks Liuda for translating this!

Regards,
Arina
Official
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DATE 11/23/20

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DATE 11/20/15

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DOE-1911271-Q-000041

From: Tumminia, Paul
To: Sandoh, Steven L; Khan, Richard F
Cc: Sandoh, Robert; Lynn, Jennifer
Subject: FW: State/USAID Feedback on DOE Resilience Strategy
Date: Tuesday, February 26, 2019 8:02:09 AM
Attachments: image001.png
20190218 DOE Resilience Plan ECON edits_Consolidated.docx
20190225 Revised Comments on DOE Report_Consolidated.docx

Jim and Mike:
Here are the embassy/statecomments.

From: (b) (6)
Sent: Monday, February 25, 2019 6:20 PM
To: Tumminia, Paul <Paul.Tumminia@Hq.Doe.Gov>; Sandoh, Robert <robert.sandoh@hq.doe.gov>; Lockwood, Andrea <Andrea.Lockwood@hq.doe.gov>
Cc: (b) (6) (b) (6) (b) (6) (b) (6) (b) (6) Bell, Heather (Embassy Kyiv) <BellHR@state.gov>; Leggoe, Jesse (E&E/ECA) <jleggoe@state.gov>; Harris, Steven S (b) (6) cleary, (b) (6) (b) (6)
(b) (6)
Subject: [EXTERNAL] State/USAID Feedback on DOE Resilience Strategy

Dear Colleagues,

Please find attached consolidated feedback from State/ENR, EUR/ACE, EUR/EE and Embassy Kyiv (Econ and USAID) attached on DOE's resilience plan. Thank you for your patience as we worked through this document! Reviewers are ccd here in case you have any questions on the edits provided. DAS Lockwood, Ambassador Yovanovitch also requested that we pass you the below message from her.

Thank you!

(b) (6)
Ukraine Desk Officer (Econ)
(b) (6)
(b) (6)

Message from Ambassador Yovanovitch:

DAS Lockwood,

Thank you for the opportunity to review the draft report "Improving Energy Resilience in Ukraine" prepared by the Department of Energy and the Pacific Northwest National Laboratory. I (b) (5)
(b) (5)
(b) (5)

Attached are two documents representing consolidated feedback on the draft report from Embassy Kyiv, USAID, and State's Ukraine desk, EUR/ACE, and ENR. The first is a set of general comments, and the second is a marked-up version of the report itself, suggesting some factual fixes and noting instances where recommendations closely match existing or completed projects. We hope that you find the input useful.

I look forward to our continued close cooperation in helping to strengthen Ukraine's energy security and transform and modernize the energy sector.

Best regards,
Masha

Official - SBU
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_____ **DATE** 8/4/2020

PNNL-28306

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Exemption 7, Law Enforcement

Department of Energy review required before public release.

Jim Spracklen/PNNL
Reviewing Official (Name/Organization)

November 2, 2018
Date

Client Direction
Guidance Used (if Applicable)

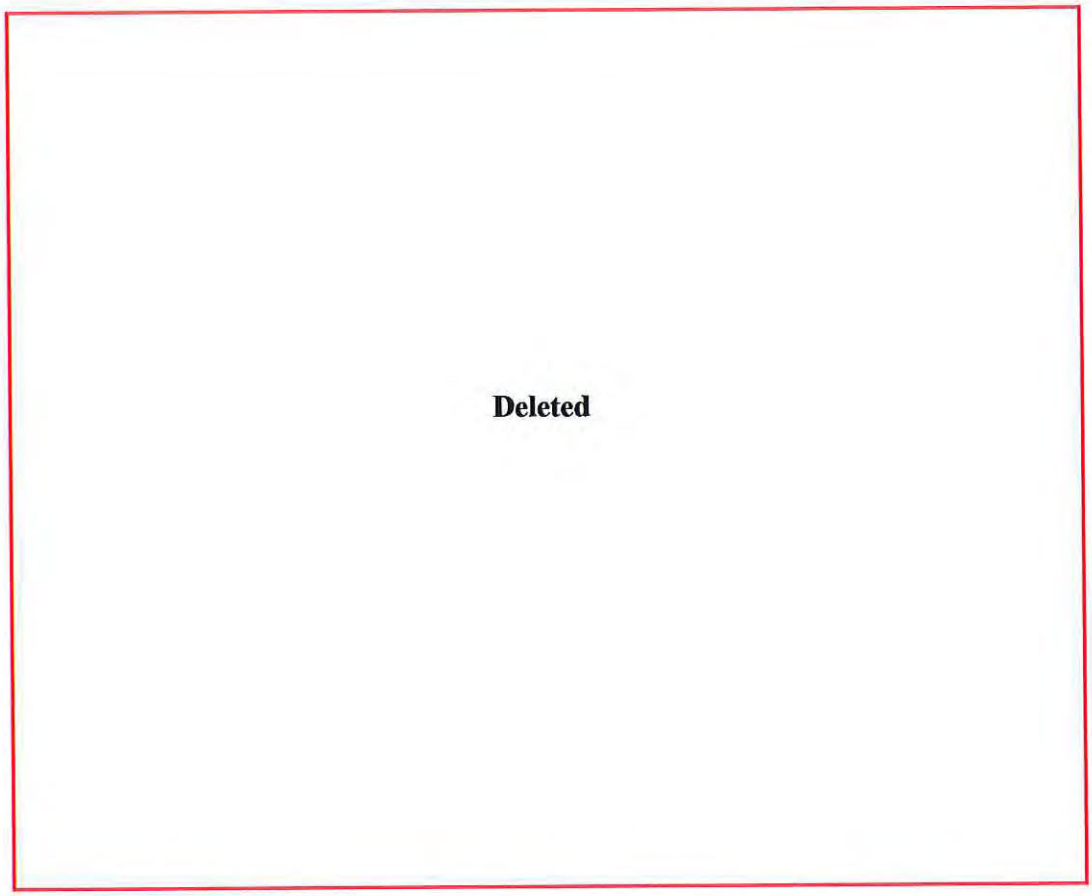
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Derivative Declassifier review required prior to declassification

Classified by: Matt B. Moury, AU-1, DOE
Reason: 1.4(b)(d)
Declassify on: 20450622

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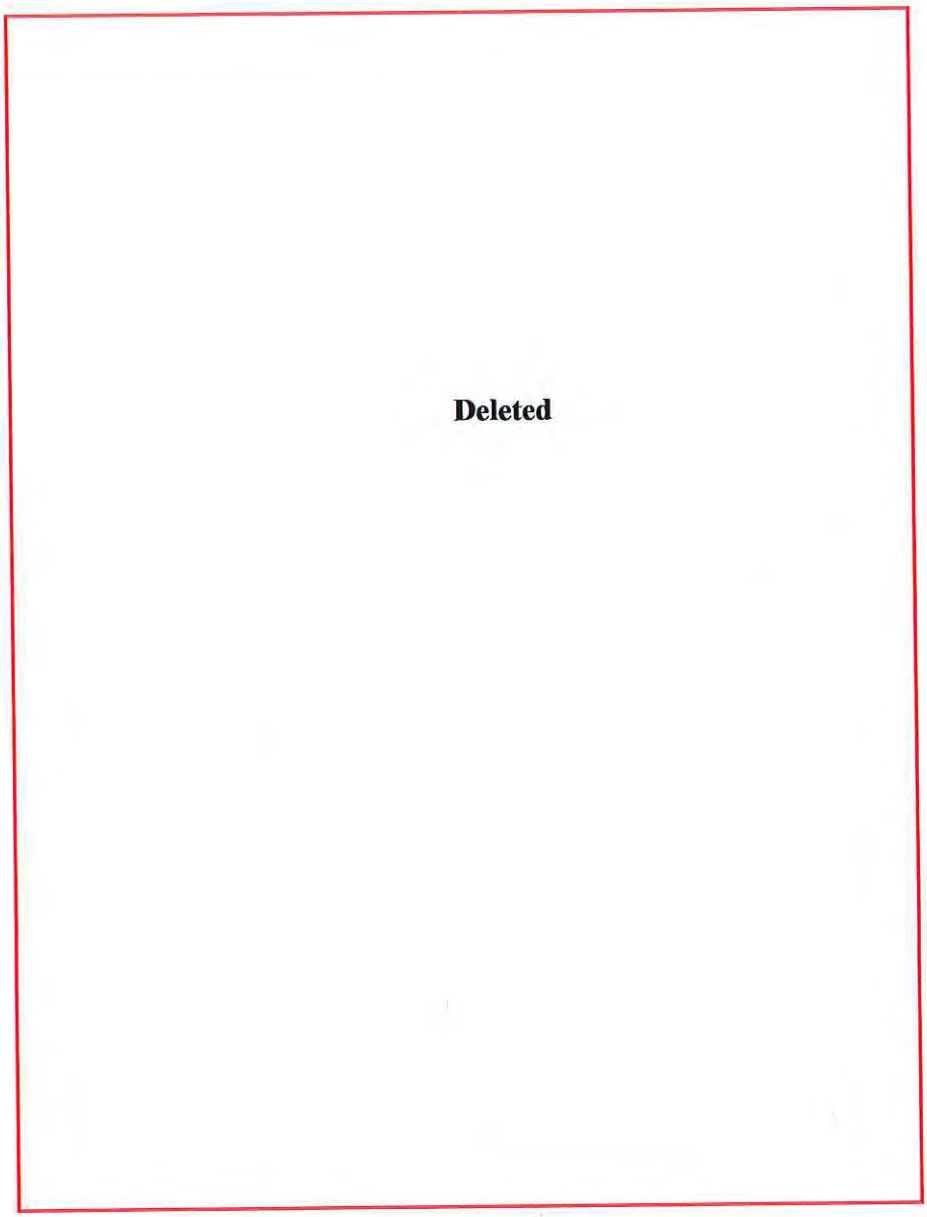


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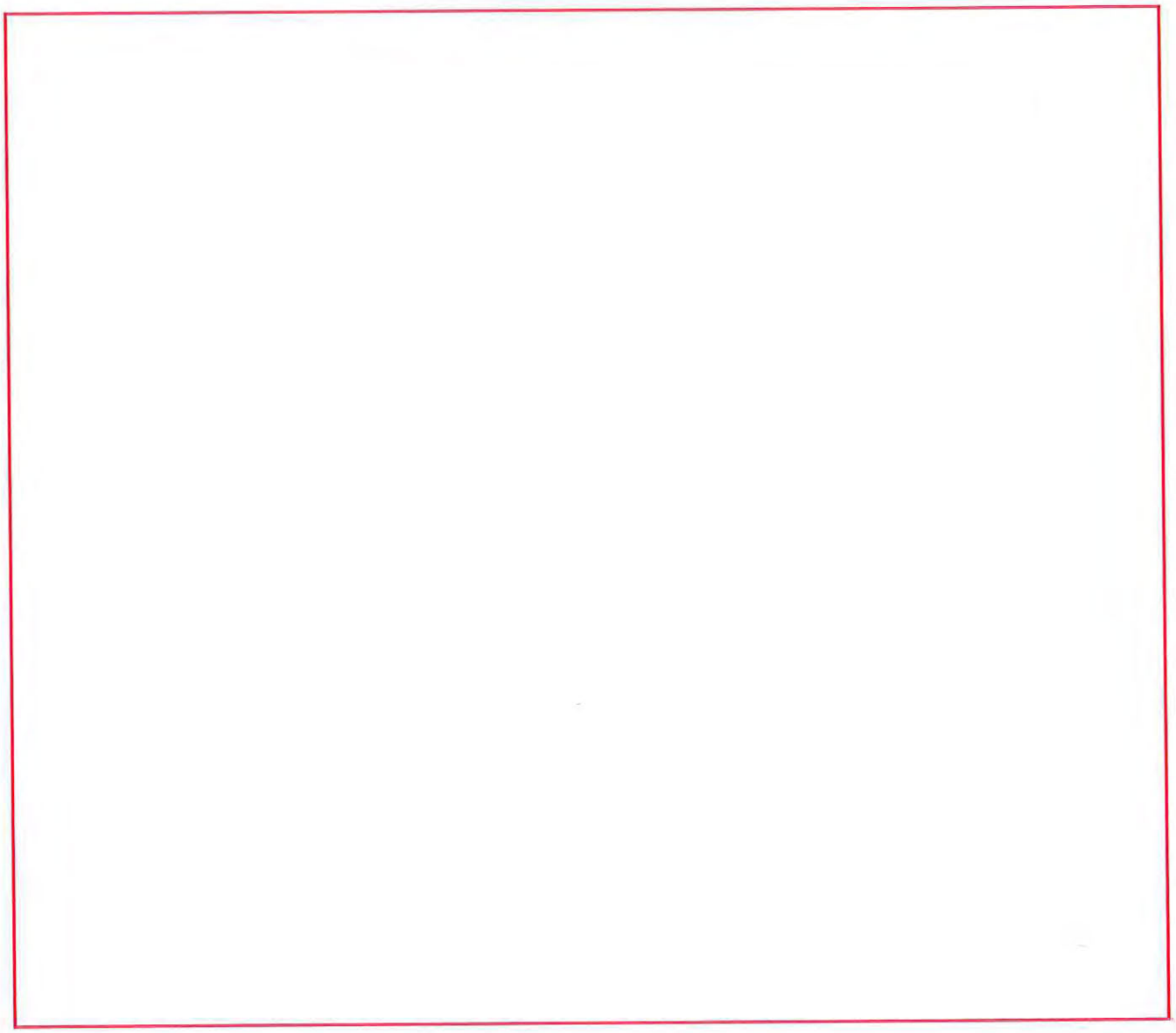
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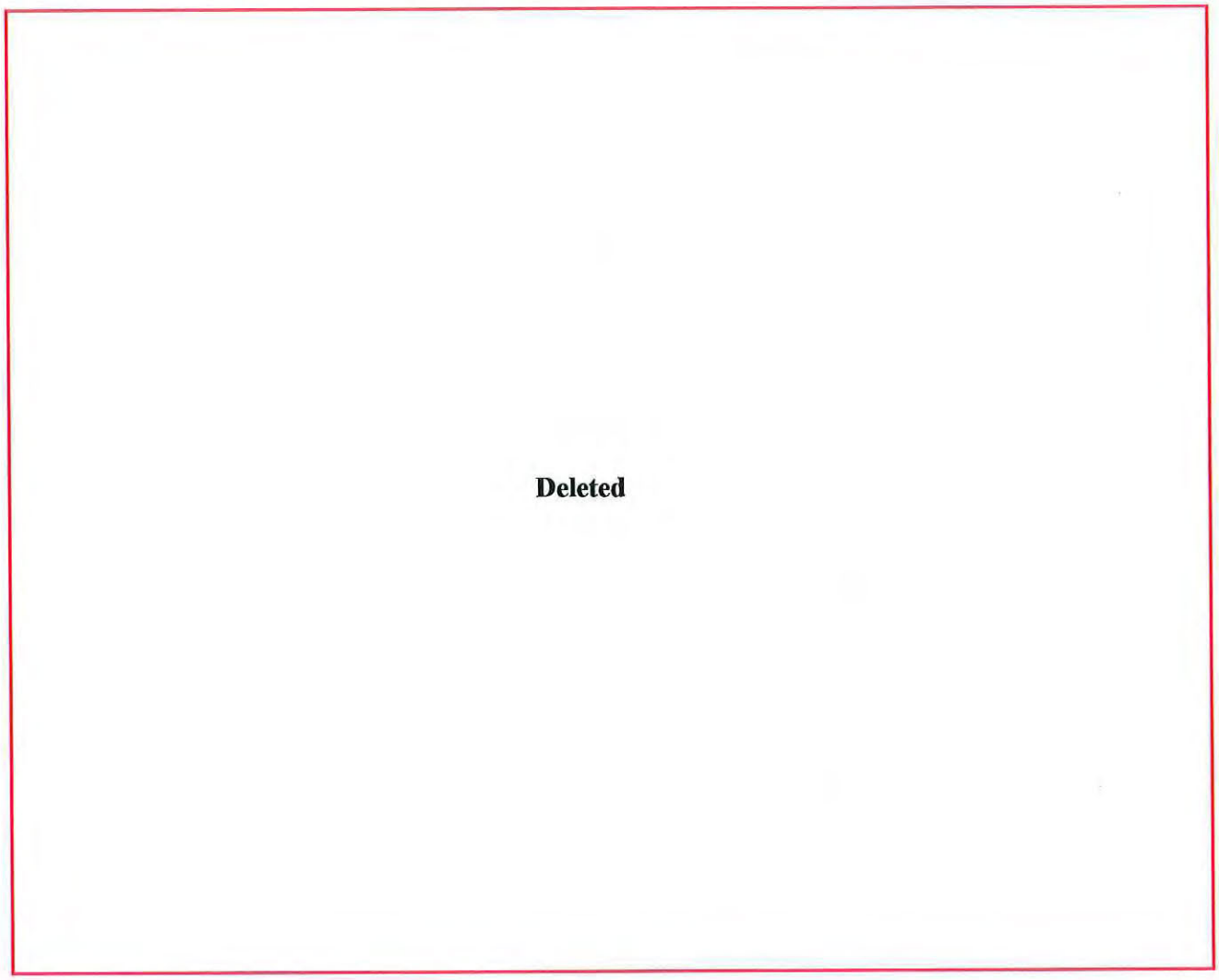
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From: Tumminia, Paul
To: Hsie, Francesca
Subject: FW: Moldova Energy Question
Date: Tuesday, September 17, 2019 10:17:00 AM
Attachments: Issue Paper - DOE Engagement with Ukraine - September.docx
Ukraine Winter Action Plan 2019-2020_Short.docx

I am not sure who else is on the phone with you, so forwarding to you,

From: Tumminia, Paul
Sent: Friday, September 13, 2019 6:17 PM
To: (b) (6)
Cc: (b) (6)
Noel, Emily E <emily.noel@hq.doe.gov>
Subject: RE: Moldova Energy Question
Importance: High

Dear (b) (6) and All:

You are most welcome. I am happy to have a call with post on Monday morning. I am generally here early. I will take the liberty of sending in a call-in calendar invite to this group for Monday at 8:30 (I know it is late now but you can review over the weekend and we can always amend later).

(b) (5), (b) (6)

I don't want to send a great deal of paper. I am attaching two documents. One is an issue paper which we prepared recently that gives you a "readers' digest" version of what the scope of work is. I am also sending a document drafted by my colleague in Brussels which is a basic template of the work which another lab team is working on in Ukraine (actually set to arrive next week). It gives you an idea of the basic methodology (used in large part when the labs work with state and local stakeholders) as they develop emergency response protocols and plans.

I hope this will be helpful as a start and I do hope that we can help support your efforts on the ground. Thank you and I look forward to speaking with you on Monday...

Paul Tumminia
Senior Advisor
Office of Europe and Eurasian Affairs
U.S. Department of Energy
Direct Dial: (202) 586-8036

~~UNCLASSIFIED w/o Attachments~~

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From: (b) (6)
Sent: Friday, September 13, 2019 6:04 PM
To: Tumminia, Paul <paul.tumminia@hq.doe.gov>
Cc: (b) (6)
Subject: [EXTERNAL] RE: Moldova Energy Question

Paul,

Thanks for taking my call. Looping in (b) (6), who is our ECON officer at Embassy Chisinau and (b) (6) from ENR.

(b) (5)
Separately, I am flagging for Embassy Chisinau's awareness the invitation to the PTEC conference, which takes place in Vilnius next month.

Paul suggested a call with Embassy Chisinau on **Monday 09/16** to discuss options for sending out a DOE team to Chisinau in the not-too-distant future. He can offer more info, responding to this email chain.

Regards,

(b) (6) | **Moldova Desk Officer**
Bureau of European and Eurasian Affairs
U.S. Department of State
(b) (6)

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From: Tumminia, Paul <paul.tumminia@hq.doe.gov>
Sent: Friday, September 13, 2019 3:04 PM
To: (b) (6) Noel, Emily E <emily.noel@hq.doe.gov>
Cc: (b) (6)
Subject: RE: Moldova Energy Question
Importance: High

Hey (b) (6)
Yes, we do cover energy issues. Could you give me a little more information about the request? We have a lab team traveling to Ukraine next week (I suspect it is a similar problem), and perhaps we can try to work on both issues. But it would be helpful to see what the embassy has in mind. Here is

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my contact information:
(Emily is on travel not with this team, as an FYI). Thanks, -p

Paul Tumminia
Senior Advisor
Office of Europe and Eurasian Affairs
U.S. Department of Energy
Direct Dial: (202) 586-8036

From: (b) (6)
Sent: Friday, September 13, 2019 3:00 PM
To: Tumminia, Paul <paul.tumminia@hq.doe.gov>; Noel, Emily E <emily.noel@hq.doe.gov>
Cc: (b) (6)
Subject: [EXTERNAL] Moldova Energy Question

Dear Paul and Emily,

Greetings – I've just started as the new Moldova desk officer. Mona Madgavkar passed along your contact information.

Do you cover Moldova energy issues, or could you point me in the right direction? (b) (5)

Appreciate your assistance.

Regards,

(b) (6) | **Moldova Desk Officer**
Bureau of European and Eurasian Affairs
(b) (6)

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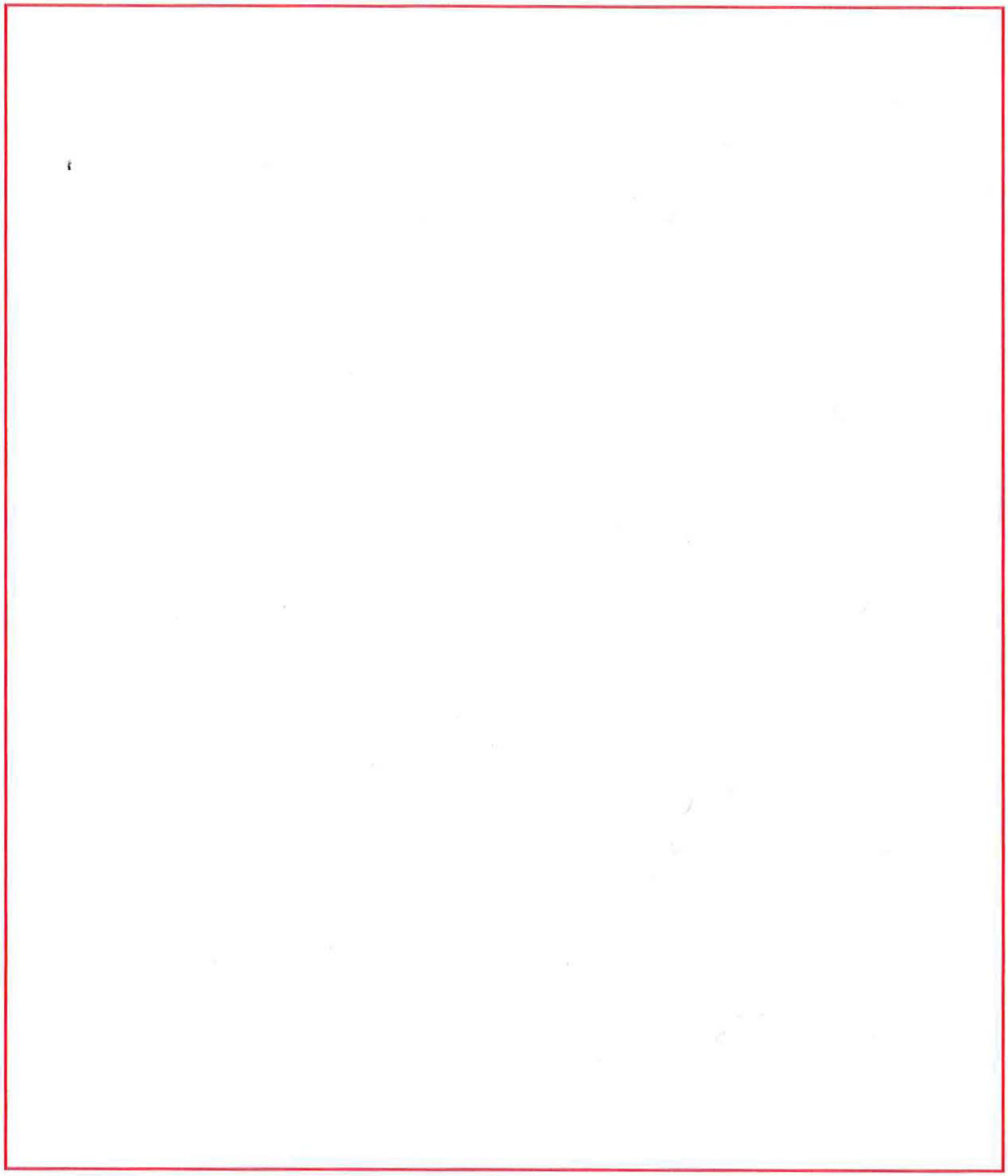
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Derivative Declassifier
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declassification

Classified by: Matt B. Moury, AU-1, DOE
Reason: 1.4(b)(d)
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DATE 8/4/2021

UKRAINE'S WINTER ENERGY SECURITY PREPAREDNESS AND RESPONSE PLAN II

2019-2020

Ukraine's "Winter Energy Security Preparedness Plan" outlines a series of measures to ensure sufficient energy supplies for residential, industrial and commercial energy consumers for the 2019-2020 heating season. This includes measures to minimize threats to the oil and gas sector, maximizing natural gas storage, and expanding the natural gas reverse flow capacity from the European Union (EU). Additional findings of this planning effort include the need to incorporate training on crisis response coordinating structures and procedures. Training for these recommendations should include comprehensive exercises at all levels to organize and prepare for a crisis response scenario. This is the second iteration of Ukraine's Winter Energy Security Preparedness and Response Plan.

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~~Classified by: Matt B. Moury, AU-1, DOE~~
Reason: 1.4(b)(d)
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EXECUTIVE SUMMARY

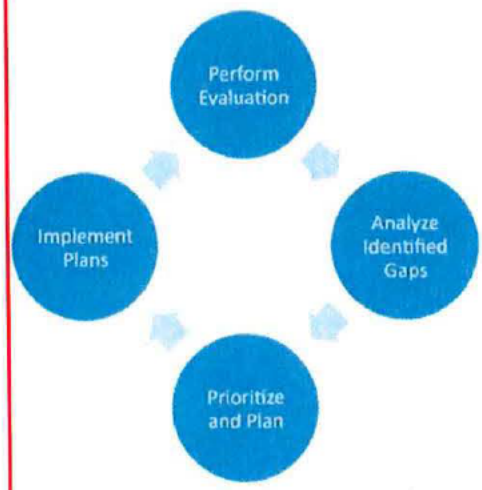
1. Overview

Ukraine's "Winter Energy Security Preparedness and Response Plan" (The Plan) outlines a series of measures to ensure sufficient energy supplies for residential, industrial and commercial energy consumers for the 2019-2020 heating season. This includes measures to minimize threats to the oil and gas sector, maximize natural gas storage and expand natural gas reverse flow capacity from the European Union (EU). Additional findings of this planning effort include the need to incorporate training on crisis response coordinating structures and procedures. Training for these recommendations should include comprehensive exercises at all levels to organize and prepare for a crisis response scenario. The Plan defines the following areas:

- Key preparedness measures to help mitigate threat emergency situations in the energy sector; and
- Key response actions to disruptions to power supply systems, district heating and heat generation facilities, and supply of energy resources.

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2. Stakeholder Engagement

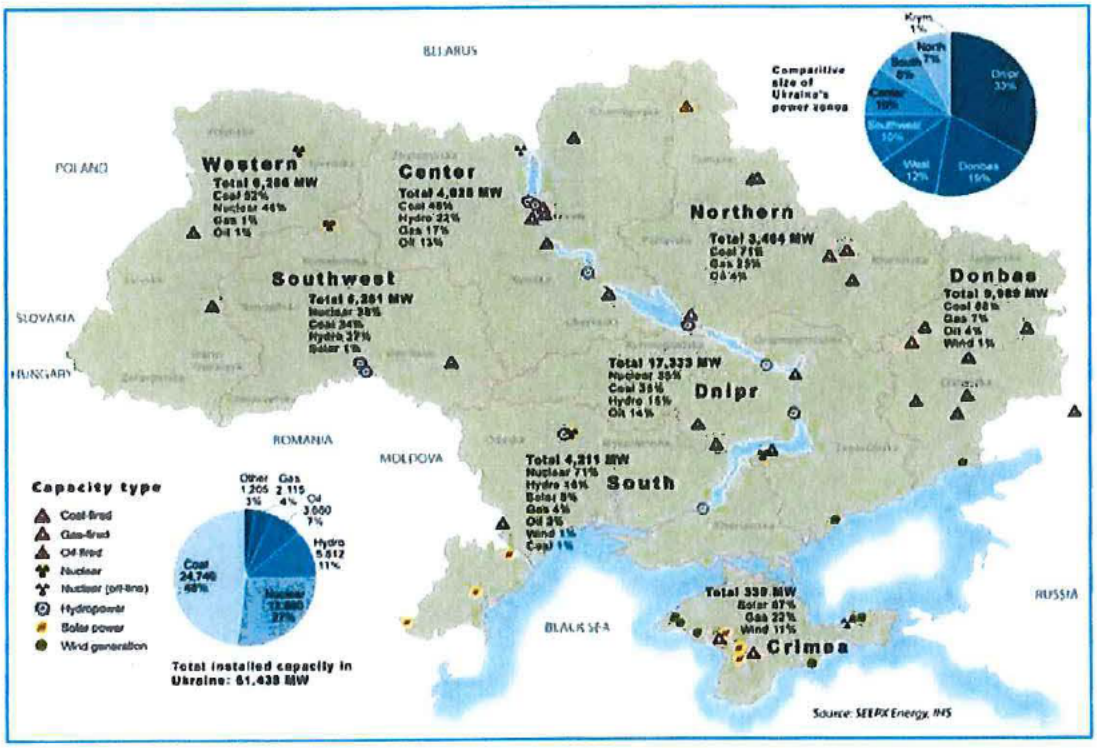
Stakeholder engagement and coordination represents a key to success. Streamlined decision making in the event of a crisis greatly reduces response times and danger of gridlock. Tabletop exercises among stakeholders to define roles and responsibilities for executing the Plan can help identify key gaps and lines of communication in the event of a crisis. The Plan provides guidance, *inter alia*, for the following national authorities:

- Ministry of Energy and Coal Industry
- Ministry of Regional Development, Building and Housing

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- Ministry of Internal Affairs
- Ministry of Infrastructure
- Ministry of Defense
- Ministry of Health
- Ministry of Social Policy
- National Electricity Regulatory Commission
- State Nuclear Regulatory Inspectorate
- State Emergency Service
- Naftogaz
- Ukrenergo
- Energoatom
- State Energy Efficiency and Conservation Agencies
- State Highway Agency
- State Special Communication and Data Protection Service
- Local self-government authorities

3. Electricity Generation



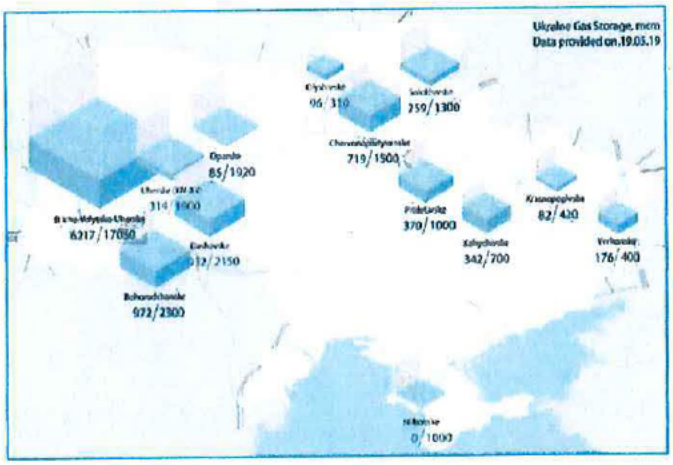
Ukraine's electric energy sector relies primarily on thermal power plants (TPP), combined heat and power plants (CHP), hydroelectric power plants (HPP), pumped storage power plants (PSP), and nuclear power plants (NPP). The system (excluding the Crimean energy system) generates approximately 55 gigawatt (GW) from fourteen thermal power plants, four nuclear power plants, seven hydroelectric power plants, three pumped storage power plants, and 94 combined heat and power systems. Approximately 23,000 km of main and interstate transmission lines of 35-800 kV voltage, and 996,000 km distribution lines of

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0.4-150 kV voltage serve as the national transmission system with limited interconnection across regions.

The Plan's electric generation recommendations section outlines a series of measures to ensure that Ukraine's residential, industrial and commercial electricity users have a sufficient supply for the 2019-2020 heating season. This includes increasing coal influx, reducing electric power consumption, increasing imports and reducing exports of electricity, and opening congested transmission pathways by completing interconnection lines (e.g. high voltage lines (HVL) to shift energy from Rivne to the Kyiv substation). Preparedness measures for emergencies in heat and power engineering sector include:

Natural Gas



Ensuring Ukraine's replenishment of underground storage reservoirs by the start of the heating season on October 15, 2019 represents a core priority area for this planning effort. Ukraine will require 19-21 bcm of storage supplies to mitigate the impact of a prolonged disruption of transit supplies, 3 bcm more than average due to system compression requirements in a zero transit scenario. As of May 19, according to Naftogaz statistics, Ukraine held 10.56 bcm in storage. Naftogaz should maximize Ukraine's import capacity and storage injections as soon as possible but lacks funding to purchase gas. Natural gas prices may rise significantly in the fall 2019 if European consumers become concerned about a possible gas cutoff. Adequate volumes may also be unavailable since other European consumers may use the opportunity to fill their own storage facilities. At $140-180/mcm, Naftogaz will also need to borrow over $1 billion to make these purchases.

4. Coal

Ensuring access to coal and heavy fuel oil represents a key part of the Plan. Ukraine needs to increase coal production and imports, and to reduce electricity consumption and export if it is to have sufficient resources for the heating season. A conservative approach would be to prepare for a colder winter (-20°C) since several of the current influxes of coal are not certain to be maintained through the heating season. For the upcoming winter season, the Plan recommends securing the following amounts of coal to ensure an adequate supply of stocks exist to get through the heating season ending:

A-type coal *(assuming a baseline supply of 300 kTons/month)*:

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5. District Heating

District heating provides a measure to provide space heating and water heating to the majority of Ukrainian residences. The Plan envision a temperature trigger for district heating systems at 16°C accompanied by public service broadcasts (e.g. billboards and posters, TV commercials, radio, press and text messages for mobile phones, messages through electronic payment systems and heating utility bills) about the importance of reducing heating fuel use and urge avoiding the use of electric heaters as substitutes. A crisis triggers additional actions:



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6. Crisis Response

Stakeholders at the national, regional and local levels should prepare for emergency response scenarios in the event of a crisis. Scenarios where a major system accident becomes possible include when the Unified Energy Systems of Russia and Belarus are operated separately, or when there's a major shortage of generation capacity and the Unified Energy System (UES) of Ukraine is disconnected from the Unified Energy Systems of Russia and Belarus. On exceeding the maximum allowed power exchange, stability of the UES of Ukraine may be breached at connections with Russia and Belarus, and UES of Ukraine may be automatically separated by

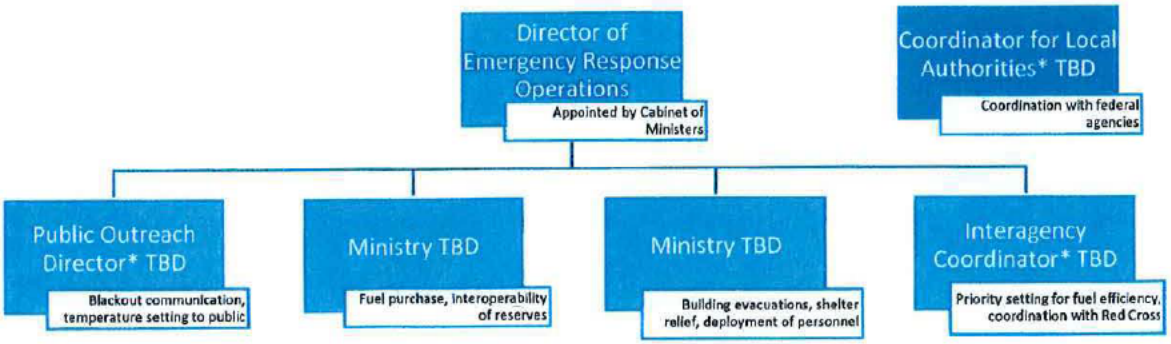
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actuating devices counteracting asynchronous operation under generation capacity shortage.

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Major tasks for all-level operating and dispatch personnel in the event of a major system accident should be put into place supported by training and tabletop exercises.



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PREPAREDNESS

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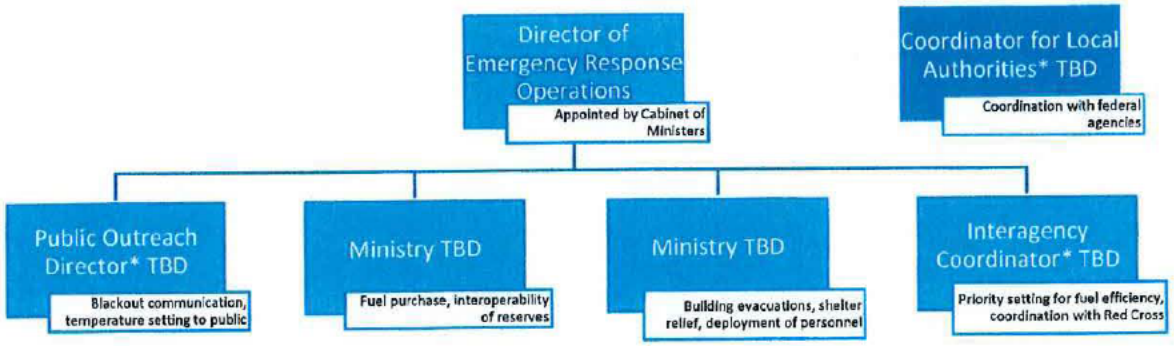
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STAKEHOLDERS

1. Overview

Stakeholder engagement and coordination represents a key to success. Streamlined decision making in the event of a crisis greatly reduces response times and danger of gridlock. Tabletop exercises among stakeholders to define roles and responsibilities for executing the Plan can help identify key gaps and lines of communication and help energy sector decision in the event of a crisis. Major tasks for all-level operating and dispatch personnel in the event of a major system accident should be put into place supported by training and tabletop exercises.



2. Ministry of Energy and Coal Industry

The Ministry of Energy and Coal Industry of Ukraine is the primary central government agency responsible for electricity sectors policies; the civil-nuclear complex, oil and gas sector; and coal industry. The ministry operates under the authority of the Cabinet of Ministers.

3. Ministry of Regional Development, Building and Housing

The Ministry for Regional Development, Building and Housing of Ukraine is responsible for housing infrastructure development and the formation and implementation of state policy in order to create a comfortable, high quality and safe living space for human development. The ministry advances energy planning and implementation efforts by increasing the competitiveness of regions (energy investment and reform) and promoting energy efficiency in the housing and utilities sector.

4. Ministry of Internal Affairs

The Ministry of Internal Affairs executes state policy for the protection of rights and liberties of citizens, investigates unlawful acts against the interest of society and state, fights crime, provides civil order, ensures civil security, and regulates traffic safety. The Ministry also protects energy infrastructure.

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5. Ministry of Infrastructure

The Ministry of Infrastructure formulates and implements state policy in the fields of air, road, rail, sea, river and urban electric transport, as well as on issues related to the use of subway systems, roads, transportation safety, merchant shipping and navigational/hydrographic support for vessels. The Ministry has programs for improving energy efficiency in the transportation and communications sectors.

6. Ministry of Defense

The Ministry of Defense is responsible for preventing hostility, structuring the military, and repelling all types of aggression (both in country and internationally). The Ministry has been integrating energy efficiency into its military programs across the country. Under the new Cyber Security Strategy, the Ministry will be responsible for implementing cybersecurity protection, as cyberattacks against energy infrastructure is common.

7. Ministry of Health

The Ministry of Health is the main healthcare body of the central government, responsible for managing the universal healthcare system and implementing state policy in the fields of medicine and healthcare. The Ministry has an interest in reducing illness linked to pollution and nuclear safety.

8. Ministry of Social Policy

The Ministry of Social Policy is responsible for regulating labor relations, family and children, immigration and trafficking, women's rights, children's rights, and humanitarian aid. The Ministry is also involved in an inter-agency working group for assessing and managing regulatory reforms for energy performance contracts and supporting activities.

9. National Electricity Regulatory Commission (NERC)

The NERC is involved in the formation and enforcement of a unified state policy towards electricity markets, natural gas, petroleum and petroleum products in the areas of heating, centralized water supply and drainage, treatment and disposal of household waste. The NERC is responsible for the licensing of economic activities in the fields of electricity, heating, centralized water supply and drainage in the oil and gas sector. The NERC sets the prices (tariffs) for electricity, for the supply of natural gas and gas (methane) of coal deposits, and other tariffs.

10. State Nuclear Regulatory Inspectorate (SNRI)

SNRI is the central government executive authority responsible for formation and implementation of state policy in the field of nuclear and radiation safety. The SNRI sets criteria, requirements and conditions of safety in nuclear energy use (normative documents, standards), issues permits and licenses to carry out activities in this area (licensing), and exercises the state supervision for observance of legislation, norms, rules and standards of nuclear and radiation safety (supervision).

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11. State Emergency Service (SES)

The SES implements state policies in the domain of civil protection, protection of population and territories from emergencies, prevention of emergencies, rectification of emergency consequences, rescue work, fire extinguishing, fire and technogenic safety, accident rescue service activities and hydrometeorologic activities. The former Ministry was created from the consequences of the Chernobyl catastrophe. The SES is a central body of executive power with activities directed and coordinated by the Cabinet of Ministers through the Ministry of Internal Affairs.

12. Naftogaz

Naftogaz is the national oil and gas company of Ukraine; it is a state-owned company. The company is involved with extraction, transportation, and refinement of natural gas and crude oil. Naftogaz operates under the Ministry of Energy and Coal Mining.

13. Ukrenergo

UKRENERGO is a national power company responsible for operational and technological control of the Integrated Power System (IPS) of Ukraine and electricity transmission via trunk power grids from generating plants to the distribution networks of the regional electricity suppliers (*oblenergos*). UKRENERGO is a state enterprise that covers the entire territory of Ukraine.

14. Energoatom

The National Nuclear Energy Generating Company of Ukraine (Energoatom) is a state enterprise operating all four active nuclear power stations in Ukraine. Energoatom operates under the Ministry of Fuel and Energy.

15. State Agency on Energy Efficiency and Energy Saving of Ukraine (SAEE)

The SAEE is a central executive authority governed and coordinated by the Cabinet of Ministers of Ukraine and is responsible for developing and implementing energy efficiency and renewable energy government policy.

16. State Highway Agency

Transport of fuel fossils (i.e. oil and gas) is under the Ministry on Energy and Fuel, while most of security responsibility matters are supervised by Ministry of Interior or other state agencies. The Ministry of Infrastructure only implements government policies related to the transport and communication sectors as well as security related to transport.

17. State Service of Special Communications and Information Protection

The State Service of Special Communications and Information Protection of Ukraine is responsible for protecting state information within data networks, safeguarding the critical

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information infrastructure, technical security, and intelligence services for the Administration.

18. Local self-government authorities

There are 24 regions in Ukraine and each one is divided into districts. The President of Ukraine and his Cabinet of Ministers appoint the heads of local governments. The city councils are tasked with disaster relief efforts and safety programs that protect population groups from natural disasters.

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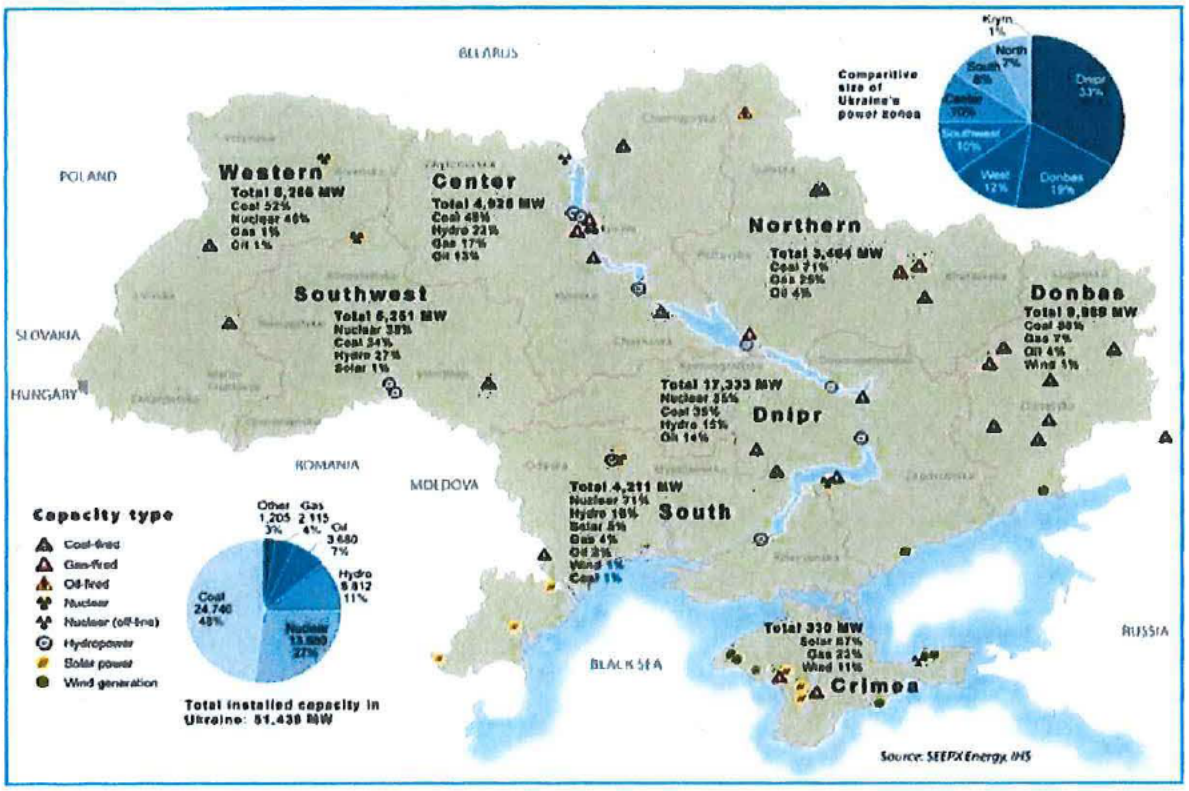
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POWER SECTOR

1. Overview

Ukraine's electric energy sector relies primarily on thermal power plants (TPP), combined heat and power plants (CHP), hydroelectric power plants (HPP), pumped storage power plants (PSP), and nuclear power plants (NPP). The system (excluding the Crimean energy system) generates approximately 55 gigawatt (GW) from fourteen thermal power plants, four nuclear power plants, seven hydroelectric power plants, three pumped storage power plants, and 94 combined heat and power systems. Approximately 23,000 km of main and interstate transmission lines of 35-800 kV voltage, and 996,000 km distribution lines of 0.4-150 kV voltage serve as the national transmission system with limited interconnection across regions.



2. Threats to the Power Sector

The following constitute the primary threats to steady-state operation of Ukraine's electricity sector:

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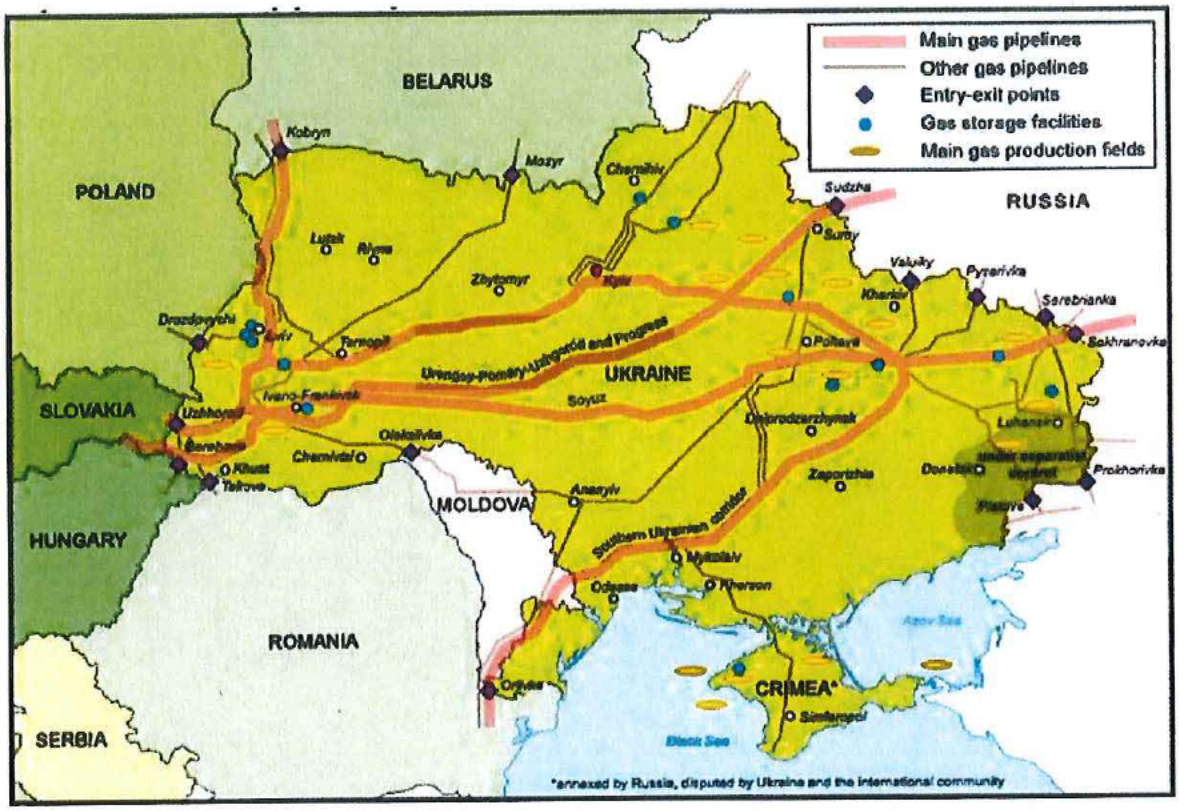
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NATURAL GAS

1. Overview

This section outlines a series of measures to ensure that Ukraine's residential, industrial and commercial oil and natural gas users have sufficient supply for the 2019-2020 heating season. This includes measures to minimize threats to the oil and gas sector, maximizing domestic natural gas production, and expanding the natural gas reverse flow capacity from the European Union (EU).



2. Zero-Transit Scenario

Ukraine is actively preparing for the possibility of a cut-off of Russian natural gas transit to Europe and Turkey via the Ukrainian Gas Transit System (GTS) this winter. Since 2014, Gazprom has used Ukraine's GTS to ship between 60-90 billion cubic meters of gas per year (bcma) to Europe and Turkey (equivalent to 12-18 percent of European Union gas demand). Western European energy markets may be able to withstand a prolonged cutoff with purchases of liquefied natural gas (LNG). This is not the case for a number of relatively unintegrated countries in Central and Southeastern Europe (notably Bulgaria and Moldova) dependent on Russia as a dominant—and many times sole—supplier. The most vulnerable country could be Ukraine itself. If Ukraine has not preemptively imported and stored adequate volumes of gas and Gazprom cuts off gas shipments to Europe via Ukraine, the country could face a serious energy crises. Key points include:

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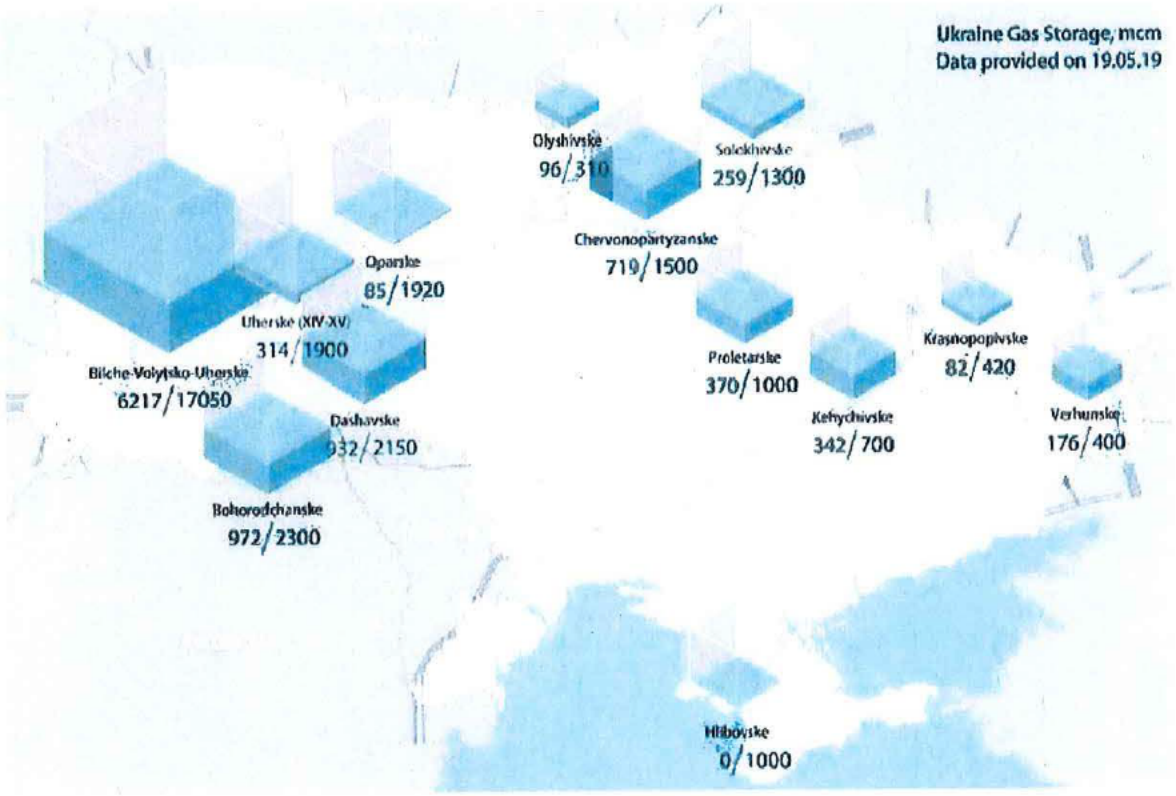
- A prolonged disruption of Russian natural gas supplies will put stress on European gas markets and potentially limit Ukraine's ability to contract for West-East supplies.

- Adding additional reverse flow capacity from existing pipeline infrastructure with neighboring countries is technically feasible by reconfiguring compression stations.

- Creative options such as virtual reverse flows and contracting with other countries to book capacity within Ukraine's large gas storage system present more ways to build resilience.

- A coordinated push to find financing opportunities from international financial institutions or the Eurobond market to allow Naftogaz or independent traders to purchase gas supplies to build storage will be key.

3. Storage



Ensuring Ukraine's replenishment of underground storage reservoirs by the start of the heating season on October 15, 2019 represents a core priority area for this planning effort. Ukraine will require 19-21 bcm of storage supplies to mitigate the impact of a prolonged disruption of transit supplies, 3 bcm more than average due to system compression requirements in a zero transit scenario. As of May 19, according to Naftogaz statistics, Ukraine held 10.56 bcm in storage. Naftogaz wants to maximize Ukraine's import capacity and storage injections as soon as possible but lacks funding to purchase gas. Natural gas prices may rise significantly in the fall 2019 if European consumers become concerned about a possible gas cutoff. Adequate volumes may also be unavailable since other European consumers may use the opportunity to fill their own storage

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facilities. At $140-180/mcm, Naftogaz will also need to borrow over $1 billion to make these purchases.

As Ukraine is currently using only about a third of its reverse flow capacity from the EU, the biggest obstacle in increasing natural gas storage injection levels to at least 60 MMcm/d is financial, not technical. Inadequate finances are also an obstacle to the option of Ukraine restoring gas supplies from Russia's Gazprom. Naftogaz needs to secure adequate credit in order to increase natural gas purchases and is encouraged to pursue all avenues to do so.

The Government of Ukraine should consider direct financing from the state budget to cover the shortfall in natural gas storage. Furthermore, Naftogaz needs to call for the reinstatement of natural gas curtailment measures. Curtailing domestic natural gas consumption will free up additional volumes of domestic production to be injected into underground storage.

4. Opening Greater Reverse Flow Capacity

Ukraine currently consumes approximately 30 bcm of natural gas per year. Domestic production meets two-thirds of this demand. A reverse flow-pipeline from Slovakia that returns the Russian gas to Ukraine once it crosses into the European Union supplies the remaining 10 bcm. Ukraine, the most energy intensive economy in Europe, uses most of the gas for household consumption and communal heating systems, as well as heavy industry. State-owned natural gas company Naftogaz is currently planning for a zero-transit scenario following the expiration of their long-term transit contract with Russia's Gazprom on December 31, 2019. This includes the need to not only expand routes from neighboring countries but also build sufficient storage supplies to maintain enough compression within the system for West-East flows. Ukraine's options include:

- **Slovakia:** Slovakia's system is the most capable of delivering additional supplies to Ukraine. Ukraine transit supplies enter the EU at the Veľké Kapušany compressor station in Eastern Slovakia. The station's total power of nearly 300 MW—the largest compressor station in Europe—allows technical entry flow of approximately 70 bcm per year. Most of these supplies transit onward to the Central European Gas Hub in Baumgarten. Of these transit supplies, an average of 8 bcm per year reverse flow back into Ukraine through the Bundice border point via the Vojany-Uzhorod pipeline. Absent East-West transit supplies, Slovakia's capacity would technically be free for sizeable flows of European gas to Ukraine. However, many EU Member States may themselves struggle to meet gas demand in the event of a prolonged cut-off. Moreover, Eustream believes that reversing the four lines at Veľké Kapušany would violate the agreement under which Gazprom has booked most of the capacity of the lines entering from Ukraine until 2028.

- **Poland:** Poland's current capacity to deliver reverse flow natural gas supplies to Ukraine stands at 1.5 bcma via the Drozdowice interconnector on the Poland-Ukraine border; the first reversed flows began in April 2014 in the wake of the Ukraine-Russia conflict under a 2012 deal with German utility RWE. The gas transits through Poland's Gaz-System with deliveries based on European wholesale price levels. Increasing the reverse flow capacity to the interconnector's 5 bcm capacity would probably require adding additional reverse compression. Technically, this would likely entail moving a mobile compression turbine from another station. Other discussions such as the Hermanowice interconnector, expanding

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the Świnoujście LNG terminal and Baltic Pipe present future, medium-term opportunities to expand north-south flows.

- **Hungary:** Three interconnector pipelines cross the Ukraine-Hungary border with one built with a reverse flow mode. The two others are sufficient to provide Hungary's full imports from Russia for domestic consumption, storage, and transit. This provides the potential to reverse flow 7.1 bcm to Ukraine. In the event of a supply shutoff from Russia to Ukraine, Hungary would utilize stored gas and try to find new supplies elsewhere, some via LNG. This will have impacts on Hungary's gas system configuration—as well as available supply—to enter into Ukraine.

- **Romania:** The Trans-Balkan pipeline through Ukraine transports about 20 bcm of natural gas through Romania to Bulgaria, Greece, Macedonia, and Turkey. When and if those shipments are halted, Ukrtransgaz hopes to equip Transit 1 pipeline—one of the three connections that form the Trans-Balkan pipeline—with physical reverse-flow capabilities. The facility could allow up to 5 bcm in additional supplies to be shipped to Ukraine. Romania's current upstream natural gas production could make this an attractive medium-term option if Black Sea gas development goes forward..

- **Virtual reverse flow:** European customers sometimes trade gas through an accounting mechanism known as "virtual reverse flow" whereby less physical gas is delivered downstream and the upstream recipient pays the downstream customer. Virtual reserve flow would permit Naftogaz to decrease physical gas shipments to Slovakia or Poland to divert the gas into Ukrainian gas storage or sell into the mid-stream market. This would not require physical reverse flow capability from the transmission network.

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Scenario No. 1: With gas supplies from Gazprom for the period of October 2019 - March 2020 (maximum offtake)

	October 2019		November 2019		December 2019		IV quarter 2019		January 2020		February 2020		March 2020		I quarter 2020		Total	
	total	a day	total	a day	total	a day	total	a day	total	a day	Total	a day	total	a day	total	a day	total	a day
Gas reserves	3187.8	102.8	4726.1	157.5	5796.9	187.0	13710.8	149.0	5833.5	188.2	4842.0	172.9	3805.0	122.7	14480.5	160.9	28191.3	154.9
Import	892.2	28.8	946.3	31.5	1517.0	48.9	3355.5	36.5	1991.8	64.3	2125.5	75.9	1653.7	53.3	5771.0	64.1	9126.5	50.1
including Gazprom PJSC	0.0	0.0	0.0	0.0	518.2	16.7	518.2	5.6	924.6	29.8	927.9	33.1	304.4	9.8	2156.9	24.0	2675.1	14.7
from Europe	892.2	28.8	946.3	31.5	998.8	32.2	2837.3	30.8	1067.3	34.4	1197.6	42.8	1349.3	43.5	3614.2	40.2	6451.5	35.4
Domestic production	1679.9	54.2	1650.3	55.0	1726.4	55.7	5056.6	55.0	1692.4	54.6	1532.3	54.7	1689.3	54.5	4914.0	54.6	9970.6	54.8
Offtake from	615.7	19.9	2129.5	71.0	2553.5	82.4	5298.7	57.6	2149.3	69.3	1184.2	42.3	462.0	14.9	3795.5	42.2	9094.2	50.0
UGSF[8] Injection into UGSF	112.9	3.6	0.0	0.0	0.0	0.0	112.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	112.9	0.6
Ukraine, total	3080.0	99.4	4717.8	157.3	5794.4	186.9	13592.2	147.7	5779.1	186.4	4773.8	170.5	3821.5	123.3	14374.4	159.7	27966.6	153.7
including																		
Consumers	2904.2	93.7	4539.8	151.3	5570.3	179.7	13014.3	141.5	5537.3	178.6	4556.8	162.7	3661.2	118.1	13755.3	152.8	26769.6	147.1
including Ministry of	513.6	16.6	560.6	18.7	655.2	21.1	1729.4	18.8	678.0	21.9	591.2	21.1	609.1	19.6	1878.3	20.9	3607.7	19.8
Industry - metallurgy	254.2	8.2	278.6	9.3	319.9	10.3	852.7	9.3	321.6	10.4	269.5	9.6	261.2	8.4	852.3	9.5	1705.0	9.4
- chemistry	259.4	8.4	282.0	9.4	335.3	10.8	876.7	9.5	356.5	11.5	321.7	11.5	348.0	11.2	1026.2	11.4	1902.9	10.5
including RSA funds	1601.8	51.7	3024.3	100.8	3922.2	126.5	8548.3	92.9	3965.2	127.9	3339.1	119.3	2691.5	86.8	9995.8	111.1	18544.1	101.9
- population	1131.6	36.5	1806.0	60.2	2299.5	74.2	5237.1	56.9	2385.3	76.9	1975.5	70.6	1526.4	49.2	5887.2	65.4	11124.3	61.1
- heat energy	389.6	12.6	1088.5	36.3	1426.3	46.0	2904.4	31.6	1437.8	46.4	1222.5	43.7	949.2	30.6	3609.5	40.1	6513.9	35.8
OTE	175.8	5.7	178.0	5.9	224.1	7.2	577.9	6.3	241.8	7.8	217.0	7.8	160.3	5.2	619.1	6.9	1197.0	6.6

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Scenario No 2: Without gas supply from Gazprom
Calculated Ukrainian balance for the period of October 2019 - March 2020 (maximum offtake)

	October 2019		November 2019		December 2019		IV quarter 2019		January 2020		February 2020		March 2020		I quarter 2020		Total	
	total	a day	total	a day	total	a day	total	a day	total	a day	Total	a day	total	a day	total	a day	total	a day
Gas reserves	3229,9	104,2	4717,8	157,3	5794,4	186,9	13742,1	149,4	5779,1	186,4	4773,8	170,5	3821,5	123,3	14374,4	159,7	28116,5	154,5
including																		
Import, including	1050,0	33,9	1791,5	59,7	882,0	28,5	3723,5	40,5	153,7	5,0	268,5	9,6	0,0	0,0	422,2	4,7	4145,7	22,8
"Gazprom" PJSC	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
from Europe	1050,0	33,9	1791,5	59,7	882,0	28,5	3723,5	40,5	153,7	5,0	268,5	9,6	0,0	0,0	422,2	4,7	4145,7	22,8
Domestic production	1679,9	54,2	1650,3	55,0	1726,4	55,7	5056,6	55,0	1692,4	54,6	1532,3	54,7	1689,3	54,5	4914,0	54,6	9970,6	54,8
Offtake from UGSF	500,0	16,1	1276,0	42,5	3186,0	102,8	4962,0	53,9	3933,0	126,9	2973,0	106,2	2132,2	68,8	9038,2	100,4	14000,2	76,9
Injection into UGSF	149,9	4,8	0,0	0,0	0,0	0,0	149,9	1,6	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	149,9	0,8
Ukraine, total	3080,0	99,4	4717,8	157,3	5794,4	186,9	13592,2	147,7	5779,1	186,4	4773,8	170,5	3821,5	123,3	14374,4	159,7	27966,6	153,7
including																		
Consumers	2904,2	93,7	4539,8	151,3	5570,3	179,7	13014,3	141,5	5537,3	178,6	4556,8	162,7	3661,2	118,1	13755,3	152,8	26769,6	147,1
including RSA funds	1601,8	51,7	3024,3	100,8	3922,2	126,5	8548,3	92,9	3965,2	127,9	3339,1	119,3	2691,5	86,8	9995,8	111,1	18544,1	101,9
OTE	175,8	5,7	178,0	5,9	224,1	7,2	577,9	6,3	241,8	7,8	217,0	7,8	160,3	5,2	619,1	6,9	1197,0	6,6

* In "consumers" category the volumes of gas consumption in ATO zone has not been included. It amounts to around 450 mln. c.m. per month (15-20 mln.c.m. per day) ** Consumption is calculation based on the assumption of mildly cold winter.
*** Values for gas offtake from UGSF were accepted on the maximum process level, including remains during offtake period. It amounts to 19 bln. c.m., including 4.8 bln.c.m. for process stock reserve

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Coal

1. Overview

While nuclear power plants are used for baseload power in Ukraine, coal-fired power plants operate in intermediate and peaking modes. Therefore, coal-fired units are most essential during the high power-consumption periods of winter and summer. Having adequate fuel supplies on hand during these seasons (especially winter) is of crucial importance in terms of maintaining reliable electricity supply. The following section presents recommendations that address these factors.

2. Coal Market

Coal from non-government controlled Donbas, which previously provided all anthracite and a significant part of gas coal (G-coal), is no longer available. Ukraine is converting some plants to burn G-coal rather than anthracite, significantly reducing Ukraine's reliance on anthracite. More than 80 percent of coal is produced by private company DTEK, which operates the most productive mines. The remaining state-owned mines have been united in the new National Coal Company. The main buyers of thermal coal are the private company DTEK and state-owned Centrenergo. Because of the method NKREKP uses to regulate electricity tariffs, coal prices in Ukraine are the highest in Europe. Ukraine is highly dependent on coal resources and it needs a more transparent system for maintaining and pricing supplies.

3. Reliance on Anthracite

Russian anthracite appears to be the Achilles heel of Ukraine's coal supply. Although some coal-fired power plant units have already converted from burning anthracite to burning bituminous coal and more are planned, a number of power plant units still burn anthracite. Ukraine is forced to import roughly one fourth of the coal it consumes, approximately 80 percent of which is anthracite imported from Russia. If that supply is disrupted during severe winter cold or summer heat or when one of Ukraine's nuclear power plants goes offline, then Ukraine's electric supply could be negatively affected. The world markets for coal are dominated by bituminous and subbituminous coals, so the reliance on Russian anthracite necessarily constrains Ukraine's alternative fuel supply options.

4. Ensuring Sufficient Supplies

Ensuring access to coal and heavy fuel oil represents a key part of the Plan. Ukraine needs to increase production and imports, and to reduce electricity consumption and export if it is to have sufficient resources for the heating season. A conservative approach would be to prepare for a colder winter (-20°C) since several of the current influxes of coal are not certain to be maintained through the heating season. For the upcoming winter season, the Plan recommends securing the following amounts of coal to ensure an adequate supply of stocks exist to get through the heating season ending:

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5. **Railway and port infrastructure for Coal transloading and transportation to National Thermal Power Plants**

Planning Factor	Capacity
Thermal Power Plants (TPP) and Coal Consumption	
Freight rail cars (of all types)	
Transportation of coal by rail	
Transportation of coal by sea through the Odessa region sea ports (includes Illichivsk, Pivdenny, TIC)	
Transportation of coal through all ports	

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1. Overview

District heating plays an important role in Ukraine serving almost 60 percent of the population with over 25 million customers (Eurostat). Municipalities and communal users account for over 40 percent of heat energy usage. Natural gas serves as the dominant fuel. The Plan envision a temperature trigger for district heating systems at 16°C accompanied by public service broadcasts (e.g. billboards and posters, TV commercials, radio, press and text messages for mobile phones, messages through electronic payment systems and heating utility bills) about the importance of reducing heating fuel use and urge avoiding the use of electric heaters as substitutes.

2. Threats to Combined Heat and Power (CHP) System

For household heating the main threats to ensuring the established operating conditions for heat sources (boiler houses and CHP), which supply thermal energy to public institutions and to communities in Ukraine, and the reliable and safe operation of the heating energy sector production, transmission and delivery entities (heating and hot water supply) are:

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- Fuel shortfall (decrease of operational fuel stockpiles at boiler houses and CHP below levels Deleted);
- Insufficient gas delivery volumes or gas pressure decrease in the main and distribution gas networks to the heating sector enterprises;
- Complete cessation or emergency cut-off of the gas supply to the heating sector enterprises;
- Cessation of power supply and water supply to the heating energy sector enterprises as a consequence of an emergency in the electric energy sector.

3. Response Measures to Remove Threats to Communal Heating Enterprises

The heat equipment of communal heating enterprises, according to the applicable Ukrainian legislation, falls into high-risk facilities category, and, consequently, has emergency response plans for all facilities (broken down by the categories of a boiler house, heating network area and central heat distribution station) approved according to a procedure established by legislation. There is an emergency stock of necessary materials and spare parts.

Emergency response exercises help personnel understand procedures and respond in a prompt manner during crisis events. In every specific situation, preparedness allows for a calculation analysis to identify the stability of heating networks and of building heating systems. This calculation then triggers a sequence of actions to prevent negative effects of a potential blackout.

4. Preparedness Measures for Emergencies in the Heat and Power Engineering Sector

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The following measures should be taken in order to prevent possible threats to the heat and power energy sector:

- Ensure fulfillment of proposals regarding purchase of fuel (coal and mazut) and establish policies to implement a more transparent and cost reflective tariff setting process.
- A check of actual conditions and operability using backup fuel (in the case of natural gas as primary fuel and heavy oil as reserve fuel), etc.
- Ensure heavy oil purchase in the volumes required for a sustainable fall-winter period.
- Ensure the availability of backup sources of power and water supply.
- The implementation of energy conservation measures for all types of properties for the fall-winter period.
- Consideration of the possibility of shifting vacation periods at all education institutions and prolongation of vacations. Development of a mechanism for implementation of new terms and duration, if necessary.
- Development of prioritization lists of consumers' groups in the event of the possible shutoff of the heating system.
- The development of messaging by the Ministry of Regional Development and Construction to limit consumption of heating and distribution using billboards and posters; TV commercials, radio, press and text messages for mobile phones; electronic payment systems, heating utility bills; and letters by the Ministry of Regional Development and Construction to industrial enterprises indicating the reasons for limitations in heating consumption and recommending measures to be taken;
- Extension of the term of hot water supply shutoff for the population and public institutions.

5. Fuel switching to Mazut

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The estimated consumption of natural gas at TPPs and CHPs during fall-winter 2019-20 amounts **Deleted**. Taking into account the technical and process capacity on TPPs of generating companies and CHPs (current mazut equipment stock is in satisfactory technical condition or in out of use state and can start its operation after routine maintenance, proper condition of access roads or mazut pipelines) the following are suggested:

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Transportation of heavy oil by rail	Deleted	DOE b(1)

6. Planning

A prolonged cut-off in natural gas supplies during the winter heating season carries the potential to trigger a crisis for household heating, particularly in the event of below-average temperatures. Preparedness entails establishing a system of public outreach to ensure reduction in consumption by both households and industry. The following actions should be taken for district heating systems in the event of a cut-off in natural gas supplies:



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RESPONSE

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EMERGENCY RESPONSE

1. Overview

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This section details Ukraine's emergency response procedure in the event of a major system accident. A major system accident is an accident leading to power loss at a greater part of Ukraine's territory and loss of own needs generation at combined heat power and nuclear power plants followed Deleted A major system accident may be preceded with:

- Gradual increase in generation capacity shortage;
- Sudden loss of major generation capacity;
- Emergency shut-down of several system-forming transmission lines of the main grid.

Scenarios where a major system accident become possible include conditions where the Unified Energy Systems of Russia and Belarus are operated separately, or when there is a major shortage of generation capacity and the Unified Energy System of Ukraine is disconnected from the Unified Energy Systems of Russia and Belarus.

2. Major Tasks for All-level Operating and Dispatch Personnel

Major tasks for all-level operating and dispatch personnel in the event of a major system accident include:

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3. Prevention of accident evolving into a special system wide collapse

Personnel should undertake the following procedures in the case of separate operation of the UES of Ukraine from the Unified Energy Systems of Russia and Belarus consistent with

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3. Recovery after a special (extreme) system wide collapse and restoration of a greater part of the Unified Energy System of Ukraine «from 0».

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