

# Imputation Implemented for Remaining Cases

## Use “Hot Deck” Methodology

- Has been used in the Decennial Census since 1960
- Classify units by similar characteristics (imputation cells)
- Use all characteristics available: enumerator provided information, housing unit type (Single vs Multi-unit), MAF information, and USPS information
- Match characteristics to a nearby unit and take information from nearby unit to fill missing information
- Use information from nearest neighbor for status (vacant, occupied) and count of persons
- Takes advantage of spatial correlation among nearby addresses
- Similarities in size and type

Note: Hot deck methodology is also used in item imputations which are when characteristics (age, race, origin,...) are missing or invalid in otherwise completed cases.

# Imputation Improvements for 2020

	2010 Procedure	2020 Procedure
Donor selection (within the same imputation cell)	Selected a donor from <u>anywhere</u> in the tract. <i>Donor could be 2 blocks away or 10 blocks away</i>	Selects nearest neighbor, i.e., nearest preceding resolved record on file. Benefits from spatial correlation*
Information used to define imputation cells	Very little. Structure type (single- vs. multi-unit)	All information available. Paradata on unresolved address, notes from enumerator, MAF, and USPS information

\*Deletes and vacants tend to cluster geographically.  
Population counts tend to be correlated within small local areas.

# Research Results on 2020 Procedure

We conducted research to compare 2010 procedure to alternatives for 2020 using a truth deck based on census data (true responses) from 2010

2020 procedure outperformed 2010 procedure

- 1. The 2020 produced a distribution of {occupied, vacant, delete} that was much closer to the truth (more vacants and deletes) than 2010

Table 1. Distribution of status (based on cases in truth deck)

	Occupied	Vacant	Delete
Truth	82.2%	12.0%	5.8%
2010 Procedure	85.7%	10.3%	4.0%
2020 Procedure	82.7%	11.7%	5.6%

# Research Results on 2020 Procedure (continued)

2020 procedure outperformed 2010 procedure

- 2. For cases imputed as occupied, 2020 yielded a closer number of people per household than 2010

Table 2. Average number of people in household (based on truth deck)

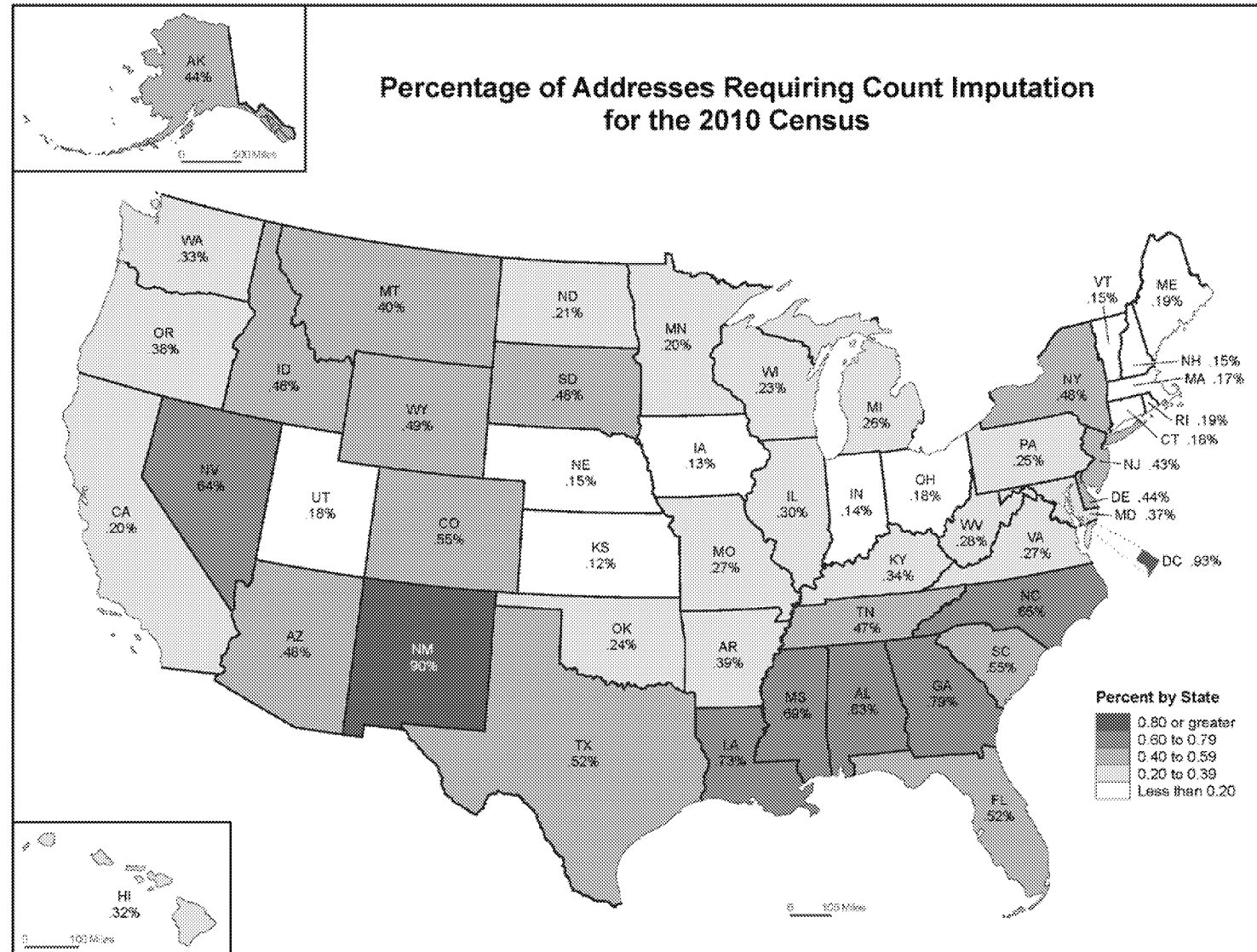
For cases imputed as occupied	
Truth	2.33
2010 Procedure	2.65
2020 Procedure	2.48



# Count Imputation, Results from Recent Censuses

Census	Self-Response Rate <sup>1</sup>	Percent of Addresses Unresolved	People Added via Count Imputation as a Percent of Resident Population	Percent Net Undercount <sup>2</sup>
1970	78.3%	n/a	0.44%	n/a
1980	75.0%	n/a	0.34%	0.8%* to 1.4%*
1990	65.0%	n/a	0.02%	1.61%*
2000	64.3%	0.55%	0.42%	-0.49%*
2010	63.5%	0.38%	0.39%	-0.01%
<sup>1</sup> Response rates as of the start of the Nonresponse Follow-Up operation. <sup>2</sup> In 1980, the Census Bureau produced 12 estimates of net undercount, ranging from 0.8% to 1.4%.				
			*Statistically different from 0	

# Percentage of Addresses Requiring Imputation in 2010 Census



# Frequency of Count Imputation in 2000 and 2010 Censuses

State	2000 % CI	2010 % CI	Difference in Percent from 2000 to 2010
U.S. Total	0.550%	0.382%	-0.168%
Alabama	0.710%	0.632%	-0.078%
Alaska	0.800%	0.436%	-0.364%
Arizona	1.373%	0.480%	-0.893%
Arkansas	0.386%	0.389%	0.003%
California	0.500%	0.198%	-0.302%
Colorado	0.476%	0.546%	0.070%
Connecticut	0.394%	0.176%	-0.218%
Delaware	0.771%	0.436%	-0.335%
District of Columbia	0.923%	0.927%	0.004%
Florida	0.771%	0.520%	-0.251%
Georgia	0.487%	0.794%	0.307%
Hawaii	0.602%	0.321%	-0.281%
Idaho	0.699%	0.457%	-0.242%
Illinois	0.704%	0.299%	-0.405%
Indiana	0.564%	0.139%	-0.425%
Iowa	0.238%	0.126%	-0.112%
Kansas	0.315%	0.120%	-0.195%
Kentucky	0.441%	0.342%	-0.099%
Louisiana	0.368%	0.725%	0.357%
Maine	0.806%	0.192%	-0.614%
Maryland	0.537%	0.374%	-0.163%
Massachusetts	0.468%	0.169%	-0.299%
Michigan	0.341%	0.259%	-0.082%
Minnesota	0.337%	0.202%	-0.135%
Mississippi	0.516%	0.692%	0.176%

Missouri	0.294%	0.266%	-0.028%
Montana	0.679%	0.400%	-0.279%
Nebraska	0.264%	0.147%	-0.117%
Nevada	1.304%	0.638%	-0.666%
New Hampshire	0.915%	0.153%	-0.762%
New Jersey	0.404%	0.432%	0.028%
New Mexico	1.253%	0.902%	-0.351%
New York	0.655%	0.476%	-0.179%
North Carolina	0.539%	0.646%	0.107%
North Dakota	0.361%	0.213%	-0.148%
Ohio	0.268%	0.178%	-0.090%
Oklahoma	0.374%	0.241%	-0.133%
Oregon	0.680%	0.376%	-0.304%
Pennsylvania	0.463%	0.253%	-0.210%
Rhode Island	0.656%	0.193%	-0.463%
South Carolina	0.722%	0.545%	-0.177%
South Dakota	0.576%	0.479%	-0.097%
Tennessee	0.470%	0.470%	0.000%
Texas	0.585%	0.524%	-0.061%
Utah	0.362%	0.179%	-0.183%
Vermont	1.194%	0.152%	-1.042%
Virginia	0.401%	0.268%	-0.133%
Washington	0.537%	0.325%	-0.212%
West Virginia	0.345%	0.276%	-0.069%
Wisconsin	0.610%	0.228%	-0.382%
Wyoming	1.178%	0.492%	-0.686%

# Count Imputation, Legal Precedent

2000 Census, *Utah v. Evans*

- The state of Utah barely missed a 4th Congressional seat, losing out to North Carolina's 13th seat.
- Utah sued, claiming (among other things) that imputation is sampling (in January 1999, the U.S. Supreme Court had ruled that the Census Bureau could not use sampling for apportionment)
- U.S. Supreme Court majority ruled that
  - imputation was not sampling
  - the use of imputation did not violate the Census Clause of the Constitution

# Questions?

**Meeting with IG**

June 10, 2020

2:00pm – 2:30pm

**b(6)**

**Agenda:**

**OS:**

- No particular topics to raise

**IG:**

- No formal topics to address

**Invitees:**

Tom Gilman

Mike Walsh

Peg Gustafson

**b(6)**

Kevin Preskenis

KDK

Dan Risko

## Bureau Leadership Meeting

June 10, 2020

11:00am – 11:45am

**b(6)**

### Agenda:

1. Secretary's Schedule – Tala G.
2. Phase #1 Discussion – KDK
3. Around the Horn
  - Invitees:
    - i. NIST – Walt Copan
    - ii. USPTO – Andrei Iancu
    - iii. OBL – Patrick Wilson
    - iv. NOAA – Neil Jacobs
    - v. MBDA – David Byrd
    - vi. OLIA – Anthony Foti
    - vii. CENSUS – Steve Dillingham
    - viii. BIS – Cordell Hull
    - ix. ITA – Joseph Semsar
    - x. EDA – Dana Gartzke
    - xi. Space Commerce – Kevin O'Connell
    - xii. CFO/ASA – Tom Gilman, Kevin Preskenis
    - xiii. OS – Mike Walsh, James Rockas
    - xiv. OGC – Stephanie Olson
    - xv. OPA – Meghan Burris
    - xvi. OWHL – Sean McLean
    - xvii. OPSP – Rob Blair
    - xviii. OSP – Sean Brebbia
    - xix. PTO – Andrei Iancu

Topics for Bureau Leadership

**b(5) - DP**

**b(5) - DP**



**From:** Martin, Nicole (Federal) [NMartin1@doc.gov]  
**Sent:** 6/2/2020 6:25:22 PM  
**To:** Kelley, Karen (Federal) [KKelley@doc.gov]  
**CC:** Risko, Daniel (Federal) [DRisko@doc.gov]; Lane, Jennifer (Federal) [JLane@doc.gov]; Rafiekian, Christine (Federal) [CRafiekian@doc.gov]; Brooke, Beatrice E. (Federal) [BBrooke1@doc.gov]  
**Subject:** Schedule: Wednesday, June 3, 2020  
**Attachments:** Kelley Karen (Federal) Calendar.ics; Od 6.4.2020 REEAC\_\_SWR Briefing Paper for REEEAC Meeting.docx; 0e) 6.4.2020 REEAC\_\_REEEAC V [b(5) - DP] updated May 28 2020.pdf; Of) 6.4.2020 REEAC\_\_REEEAC V [b(5) - DP] [b(5) - DP] DRAFT.pdf; Og) 6.4.2020 REEAC\_\_REEEAC V [b(5) - DP] 02 06 2020 [b(5) - DP] pdf; 2) 06-03-2020 Bureau Leadership Agenda\_KDK Book.docx; 3) 06-03-2020 Policy Committee Meeting Agenda\_KDK Book.docx; 1) 06-03-2020 Front Office Meeting Agenda\_KDK Book.docx

Ma'am,

Please see tomorrow's schedule below. Meeting materials are attached and the attachment numbers are listed in the annotated schedule.

We have included **ATTACHMENT 0D, 0E, 0F, 0G** in advance of tomorrow's REEAC meeting with finalized remarks forthcoming. Note that materials **0D – 0G** are the same materials you received last night.

We are waiting on the materials for tomorrow's White House Liaison meeting and will provide if/when received.

Best,  
Nicole

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Karen Kelley Calendar  
Wednesday, June 3, 2020

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June 2020

▲ Wed, Jun 3

<input type="checkbox"/>	8:00 AM – 8:45 AM	Free
<input checked="" type="checkbox"/>	8:45 AM – 9:00 AM	Prep Call [b(6)]
<input checked="" type="checkbox"/>	9:00 AM – 10:00 AM	Daily Leadership Call [b(6)]
<input checked="" type="checkbox"/>	9:45 AM – 10:15 AM	Call Time-Census Update [b(6)]
<input type="checkbox"/>	10:15 AM – 10:30 AM	Free
<input checked="" type="checkbox"/>	10:30 AM – 11:00 AM	Front Office Meeting [b(6)] ATTACHMENT 1

<input type="checkbox"/>	10:30 AM – 11:00 AM	Integrity...Security Transactions
<input checked="" type="checkbox"/>	11:00 AM – 11:45 AM	DOC Bureau Leadership b(6) ATTACHMENT 2
<input checked="" type="checkbox"/>	11:45 AM – 1:00 PM	Daily Check-In b(6)
<input checked="" type="checkbox"/>	12:00 PM – 12:30 PM	PMC COVID Call: (M,W,F) b(6)
<input checked="" type="checkbox"/>	1:00 PM – 2:00 PM	Policy Committee Meeting b(6) ATTACHMENT 3
<input checked="" type="checkbox"/>	2:00 PM – 3:00 PM	Check in: White House Liaison Office b(6) ATTACHMENT FORTHCOMING
<input type="checkbox"/>	3:00 PM – 3:30 PM	Free
<input checked="" type="checkbox"/>	3:30 PM – 4:00 PM	Pre-Brief for REEEAC b(6) ATTACHMENT 0D, 0E, 0F, 0G
<input checked="" type="checkbox"/>	4:00 PM – 4:30 PM	NEPA Follow-up b(6)
<input checked="" type="checkbox"/>	4:30 PM – 5:00 PM	Census Touch Base b(6)
<input type="checkbox"/>	After 5:00 PM	Free

**Nicole Martin**  
 Office of the Deputy Secretary  
 U.S. Department of Commerce  
[NMartin1@doc.gov](mailto:NMartin1@doc.gov)  
 Cell: b(6)

**Organizer:** Kelley, Karen (Federal) : KKelley@doc.gov

**Subject:** Check in: White House Liaison Office

**Location:** b(6)

**Start Time:** 2020-06-02T14:00:00-04:00

**End Time:** 2020-06-02T15:00:00-04:00

**Attendees:** Risko, Daniel (Federal) : DRisko@doc.gov, Walsh, Michael (Federal) : MWalsh@doc.gov, Preskenis, Kevin (Federal), KPreskenis@doc.gov, Gilman, Thomas (Federal) : TGilman@doc.gov, LaBruna, Anthony (Federal), ALaBruna@doc.gov, McLean, Sean (Federal) : SMcLean@doc.gov, DepSec Conference Room Calendar: b(6)@doc.gov, Rafiekian, Christine (Federal) : invalid:nomail, Oscarson, Alexandra (Federal), AOscarson@doc.gov

Dial-in information:

b(6)

Participant: b(6)

**Start Time:** 2020-06-03T18:00:00Z

**End Time:** 2020-06-03T19:00:00Z

Dial-in information:

**b(6)**

Participant: **b(6)**

**Organizer:** Rigas, Michael J. EOP/OMB [b(6)]

**Subject:** PMC COVID Call: (M,W,F)

**Location:** (NEW) Participant Dial-In: [b(6)] Code: [b(6)]

**Start Time:** 2020-06-03T12:00:00-04:00

**End Time:** 2020-06-03T12:30:00-04:00

**Attendees:** dsx2@cdc.gov : invalid:nomail, byi8@cdc.gov : invalid:nomail, dcm4@cdc.gov : invalid:nomail, sob8@cdc.gov, invalid:nomail, [b(6)] : invalid:nomail, Kelley, Karen (Federal) : invalid:nomail, [b(6)] : invalid:nomail, mark.menezes@hq.doe.gov : invalid:nomail, kate\_macgregor@ios.doi.gov, invalid:nomail, pizzella.patrick@dol.gov : invalid:nomail, Steven.Bradbury@dot.gov, invalid:nomail, Mitchell.Zais@ed.gov : invalid:nomail, benevento.douglas@epa.gov, invalid:nomail, robert.borden@gsa.gov : invalid:nomail, emily.murphy@gsa.gov, invalid:nomail, eric.hargan@hhs.gov : invalid:nomail, Brian.D.Montgomery@hud.gov, invalid:nomail, Charles.P.Rettig@irs.gov : invalid:nomail, j.morhard@nasa.gov, invalid:nomail, Kristine.Svinicki@nrc.gov : invalid:nomail, Boyd, Marshall T. EOP/OMB, invalid:nomail, Corrigan, Patrick M. EOP/OMB : invalid:nomail, Duffey, Michael P. EOP/OMB : invalid:nomail, Ginn, Vance V. EOP/OMB : invalid:nomail, Hayes, Bradley F. EOP/OMB : invalid:nomail, Kent, Suzette K. EOP/OMB, invalid:nomail, Kinneen, Kelly A. EOP/OMB : invalid:nomail, McCormack, Brian V. EOP/OMB, invalid:nomail, McGuire, Denzel E. EOP/OMB : invalid:nomail, Warren, Peter N. EOP/OMB : invalid:nomail, Wooten, Michael E. EOP/OMB : invalid:nomail [b(6) - Michael Rigas] : invalid:nomail, [b(6)] invalid:nomail, Bulatao [b(6)] : invalid:nomail, David.Eisner@treasury.gov : invalid:nomail, bglick@usaid.gov : invalid:nomail, SLC1@usda.gov : invalid:nomail, Lofthus, Lee EOP : invalid:nomail, [b(6)] @va.gov : invalid:nomail, Bedan, Morgan E. EOP/WHO : invalid:nomail, Connor, Cameron M. EOP/WHO, invalid:nomail, Nevins, Kristan K. EOP/WHO : invalid:nomail, jovita@sba.gov, invalid:nomail, vmo0@cdc.gov : invalid:nomail, Brown, Dustin S. EOP/OMB : invalid:nomail, Cutts, Matthew D. EOP/OMB : invalid:nomail, Daphnis, Kristy L. EOP/OMB : invalid:nomail, Frazier, Ashley N. EOP/OMB, invalid:nomail, Garza, Tony R. EOP/OMB : invalid:nomail, Kan, Derek T. EOP/OMB, invalid:nomail, Kelley, Michelle B. EOP/OMB : invalid:nomail, Smith, Sarah B. EOP/OMB : invalid:nomail, Uldricks, Nathan R. EOP/OMB : invalid:nomail, kailee.tkacz@usda.gov : invalid:nomail, Maureen.Gardner@usda.gov, invalid:nomail, Kenneth.Callahan@hhs.gov : invalid:nomail, cathy.h.mangum@nasa.gov, invalid:nomail, Noah.Mitchell@ed.gov : invalid:nomail, FZH7@cdc.gov : invalid:nomail, Walsh, Michael (Federal) : invalid:nomail, KStaley@usaid.gov : invalid:nomail, Croghan, Mary E. EOP/WHO, invalid:nomail, Talbert, Kent : invalid:nomail, Schneider, Grant M. EOP/OMB : invalid:nomail, Evelyn.Lim@hud.gov, invalid:nomail, Soltis, Timothy F. EOP/OMB : invalid:nomail, Field, Lesley A. EOP/OMB, invalid:nomail, Johnson, Miles M. EOP/OMB : invalid:nomail, Schoen, Ansley M. EOP/OMB : invalid:nomail, Alexandra Petrucci - AC : invalid:nomail, Pasquantino, John C. EOP/OMB : invalid:nomail, Reilly, Tom M. EOP/OMB, invalid:nomail, Abrams, Andrew D. EOP/OMB : invalid:nomail, Sandy, Mark S. EOP/OMB, invalid:nomail, Fairweather, Rob S. EOP/OMB : invalid:nomail, chris.fall@hq.doe.gov : invalid:nomail, Taransky, Naomi S. EOP/OMB : invalid:nomail, Lim, Evelyn : invalid:nomail, Billy, Stephen M. EOP/OMB, invalid:nomail, [b(6)] : invalid:nomail, biegun [b(6)] : invalid:nomail, Catherine.Bird@hhs.gov, invalid:nomail, William.Bookless@nnsa.doe.gov : invalid:nomail, allison.brigati@gsa.gov, invalid:nomail, Burris, Jordan C. EOP/OMB : invalid:nomail, scott\_cameron@ios.doi.gov, invalid:nomail, Denise.Carter@ed.gov : invalid:nomail, william.cooper@hq.doe.gov, invalid:nomail, Demps, Tasha M. EOP/OMB : invalid:nomail, DeputySecretary@hhs.gov, invalid:nomail, Aman.Dickel@hhs.gov : invalid:nomail, [b(6) - Director Cabaniss], invalid:nomail, Dreher, Megan E. EOP/OMB : invalid:nomail, [b(6) - Timothy Duffy] invalid:nomail, [b(6)] @hhs.gov : invalid:nomail, [b(6)] : invalid:nomail, Eng.Connie@epa.gov : invalid:nomail, dfeith@usaid.gov : invalid:nomail, sfrechter@usaid.gov, invalid:nomail, Jennifer.Funk@dot.gov : invalid:nomail, Ursula.S.Gillis@irs.gov : invalid:nomail, [b(6)] @treasury.gov : invalid:nomail, [b(6)] : invalid:nomail, Taylor.Hittle@hhs.gov, invalid:nomail, [b(6)] @va.gov : invalid:nomail, kevin.d.johnson@gsa.gov : invalid:nomail, [b(6)] @treasury.gov : invalid:nomail, Thomas.Keane@hhs.gov : invalid:nomail, [b(6)] invalid:nomail, [b(6)] : invalid:nomail, Lucas, Adrienne E. EOP/OMB : invalid:nomail, natalie.massey@nasa.gov : invalid:nomail, Erin.McCracken@sba.gov : invalid:nomail, Kevin.Q.McIver@irs.gov, invalid:nomail, [b(6)] invalid:nomail, Mounts [b(6)] : invalid:nomail, [b(6)] : invalid:nomail, Aman.Onallah@hhs.gov : invalid:nomail, Paranzino, Anthony (Federal), invalid:nomail, Preskenis, Kevin (Federal) : invalid:nomail, Rafiekian, Christine (Federal) : invalid:nomail, carla.sansalone@gsa.gov : invalid:nomail, Scher, Adam A. EOP/OMB : invalid:nomail, Seidner, Rob B. EOP/OMB, invalid:nomail, natalie.l.simms@nasa.gov : invalid:nomail, [b(6)] @va.gov, invalid:nomail, SLC1@osec.usda.gov : invalid:nomail, [b(6)] invalid:nomail, emily.threadgill@sba.gov : invalid:nomail, Todd [b(6)] : invalid:nomail, Jeffrey.J.Tribiano@irs.gov, invalid:nomail, [b(6)] @treasury.gov : invalid:nomail, annette.vietti-cook@nrc.gov, invalid:nomail, Jacklyn.A.Ward2@hud.gov : invalid:nomail, kiel\_weaver@ios.doi.gov : invalid:nomail, katherine\_white@ios.doi.gov : invalid:nomail, Williams.James.E2@dol.gov : invalid:nomail, Sarah.Williams@sba.gov, invalid:nomail [b(6)] invalid:nomail, Agrella, Austin J. EOP/WHO, invalid:nomail, Pfundt, Tiffany (OS/IOS) : invalid:nomail, Otalora, Nicolas (HHS/IOS) :

**DO NOT FORWARD**

//Direct all questions to: DL.OMB.DirOffice

b(6)

**Daily PMC COVID Call**

**(New Cadence)** Monday, Wednesday and Friday at 12 PM.

**(NEW) Dial-in**

**Please dial in 10 minutes before 12:00 PM to ensure all participants will be able to join the call**

Participant Dial-In: b(6)

Access Code: b(6)

**Reminders:**

- This is a private call – closed to the press and off the record.
- This call is fully interactive – please mute your line if you are not speaking.
- This is a moderated call, all participants must dial-in directly.
- Please dial-in 10 minutes prior to the start of the call.
- Summary notes from the call will be emailed to all participants.

**Organizer:** Kelley, Karen (Federal) : KKelley@doc.gov

**Subject:** Prep Call

**Location:** b(6)

**Start Time:** 2020-06-03T08:45:00-04:00

**End Time:** 2020-06-03T09:00:00-04:00

**Attendees:** Olson, Stephanie (Federal) : SOlson@doc.gov, Walsh, Michael (Federal) : MWalsh@doc.gov, Gorey, Lauren (Federal), LGorey@doc.gov, Blair, Robert (Federal) : RBlair@doc.gov, Preskenis, Kevin (Federal) : KPreskenis@doc.gov, Rafiekian, Christine (Federal) : CRafiekian@doc.gov, Lane, Jennifer (Federal) : JLane@doc.gov, Schnare, Nicholas (Federal) : NSchnare1@doc.gov, Kornegay, Nick (Federal) : NKornegay@doc.gov, Brebbia, Sean (Federal) : SBrebbia@doc.gov, Coggins, Wynn (Federal) : WCoggins@doc.gov, LaBruna, Anthony (Federal) : ALaBruna@doc.gov, Overbaugh, Melinda (Federal) : MOverbaugh@doc.gov, Burris, Meghan (Federal) : MBurris@doc.gov, Paranzino, Anthony (Federal) : AParanzino@doc.gov, Martin, Nicole (Federal) : NMartin1@doc.gov, Guenther, John (Federal) : JGuenther@doc.gov, Risko, Daniel (Federal) : DRisko@doc.gov, Mendes, Andre (Federal) : AMendes@doc.gov, Gilman, Thomas (Federal) : TGilman@doc.gov, Rockas, James (Federal) : JRockas@doc.gov, McLean, Sean (Federal) : SMcLean@doc.gov, Townsend, Richard (Federal) : RTownsend@doc.gov, Armstrong, Darlene (Federal) : DArmstrong@doc.gov, Foti, Anthony (Federal) : AFoti@doc.gov, Washington, Harold (Federal) : hWashington@doc.gov, Oscarson, Alexandra (Federal) : AOscarson@doc.gov, Boney, Virginia (Federal) : VBoney@doc.gov

b(6)

Participant: b(6)



**Start Time:** 2020-06-03T12:45:00Z  
**End Time:** 2020-06-03T13:00:00Z

**Organizer:** Kelley, Karen (Federal) : KKelley@doc.gov

**Subject:** Front Office Meeting

**Location:** Room b(6)

**Start Time:** 2020-06-03T12:00:00-04:00

**End Time:** 2020-06-03T12:30:00-04:00

**Attendees:** Wilson, Patrick (Federal) : pwilson@doc.gov, Foti, Anthony (Federal) : AFoti@doc.gov, Gilman, Thomas (Federal), TGilman@doc.gov, Olson, Stephanie (Federal) : SOlson@doc.gov, Walsh, Michael (Federal) : invalid:nomail, Williams, Allaire (Federal) : AWilliams2@doc.gov, Gorey, Lauren (Federal) : LGorey@doc.gov, Brebbia, Sean (Federal) : SBrebbia@doc.gov, Rockas, James (Federal) : JRockas@doc.gov, Risko, Daniel (Federal) : DRisko@doc.gov, Goudarzi, Talat (Federal) : TGoudarzi@doc.gov, Barranca, Steven (Federal) : SBarranca1@doc.gov, DepSec Conference Room Calendar, b(6)@doc.gov, McDermott, Ryan (Federal) : RMcDermott1@doc.gov, Ding, Michael (Federal), invalid:nomail, LaBruna, Anthony (Federal) : ALaBruna@doc.gov, McLean, Sean (Federal), SMcLean@doc.gov, Pughe, John (Federal) : JPughe@doc.gov, Cogley, Nathaniel (Federal) : NCogley@doc.gov, Philipkosky, Eric (Federal) : EPhilipkosky@doc.gov, Rzendzian, Kelly (Federal) : KRzendzian@doc.gov, Gardner, Grant (Federal) : GGardner@doc.gov, Burris, Meghan (Federal) : MBurris@doc.gov, Preskenis, Kevin (Federal) : KPreskenis@doc.gov, Meredith, Ethan (Federal) : EMeredith@doc.gov, Smith, Cannon (Federal) : CSmith3@doc.gov, Martin, Nicole (Federal) : NMartin1@doc.gov, Korzeniewski, Adam (Federal) : AKorzeniewski@doc.gov, Blair, Robert (Federal) : RBlair@doc.gov, Sleiman, William (Federal) : WSleiman@doc.gov, Oscarson, Alexandra (Federal) : AOscarson@doc.gov, Rafiekian, Christine (Federal) : invalid:nomail, Brooke, Beatrice E. (Federal) : BBrooke1@doc.gov, Hageman, Adam (Federal) : AHageman@doc.gov, Boney, Virginia (Federal) : VBoney@doc.gov

Dial-in: b(6)

Participant: b(6)

Leader code: b(6) - Nicole

**Location:** b(6)

**Start Time:** 2020-06-03T14:30:00Z

**End Time:** 2020-06-03T15:00:00Z

Dial-in: b(6)

Participant: b(6)

Leader code: b(6) - Nicole

**Subject:** Integrity...Security Transactions  
**Start Time:** 2020-06-03T10:30:00-04:00  
**End Time:** 2020-06-03T11:00:00-04:00

**Organizer:** Kelley, Karen (Federal) : KKelley@doc.gov  
**Subject:** Census Touch Base  
**Location:** b(6)  
**Start Time:** 2020-06-03T16:30:00-04:00  
**End Time:** 2020-06-03T17:00:00-04:00  
**Attendees:** Walsh, Michael (Federal) : invalid:nomail, Olson, Stephanie (Federal) : SOlson@doc.gov, Risko, Daniel (Federal), DRisko@doc.gov, Korzeniewski, Adam (Federal) : AKorzeniewski@doc.gov, Cogley, Nathaniel (Federal), NCogley@doc.gov

b(6)  
Participant: b(6)

Leader: b(6) - Dan

**Organizer:** Kelley, Karen (Federal) : KKelley@doc.gov  
**Subject:** NEPA Follow-up  
**Location:** b(6)  
**Start Time:** 2020-06-03T16:00:00-04:00  
**End Time:** 2020-06-03T16:30:00-04:00  
**Attendees:** Kinkoph, Douglas : DKinkoph@ntia.gov, Candeub, Adam : acandeub@ntia.gov, Blair, Robert (Federal) : RBlair@doc.gov, Rockas, James (Federal) : JRockas@doc.gov, Walsh, Michael (Federal) : invalid:nomail, Luce, John (Federal), john.luce@noaa.gov, Jacobs, Neil (Federal) : neil.jacobs@noaa.gov, Burris, Meghan (Federal), MBurris@doc.gov, Goldman, Jason : jgoldman@ntia.gov, Risko, Daniel (Federal) : DRisko@doc.gov, Boney, Virginia (Federal) : VBoney@doc.gov

b(6)  
Participant: b(6)

Leader: b(6) - Dan

**Organizer:** Fleming, John C. Jr. EOP/WHO : [b(6)]@who.eop.gov  
**Subject:** Call Time-Census Update  
**Location:** Participant Dial-In: [b(6)] Participant Code: [b(6)]  
**Start Time:** 2020-06-03T09:45:00-04:00  
**End Time:** 2020-06-03T10:15:00-04:00  
**Attendees:** Kelley, Karen (Federal) : invalid:nomail

Re: Census updates

On the call:  
Dr. John Fleming  
Deputy Secretary Kelley  
Mike Walsh  
Nathaniel Cogley

Participant Dial-In: [b(6)]  
Participant Code: [b(6)]



**Organizer:** Kelley, Karen (Federal) : KKelley@doc.gov  
**Subject:** Pre-Brief for REEEAC  
**Location:** b(6)  
**Start Time:** 2020-06-03T15:30:00-04:00  
**End Time:** 2020-06-03T16:00:00-04:00  
**Attendees:** Dickson, Cora : Cora.Dickson@trade.gov, Nikakhtar, Nazak : Nazak.Nikakhtar@trade.gov, Lenihan, Brian : Brian.Lenihan@trade.gov, OMalley, Adam : Adam.OMalley@trade.gov, McKinney, Bradley : Bradley.McKinney@trade.gov, Risko, Daniel (Federal) : DRisko@doc.gov

b(6)  
Participant: b(6)

Leader: b(6) - Dan

May 29, 2020

**BRIEFING MEMORANDUM FOR SECRETARY ROSS**

**THROUGH:** Nazak Nikakhtar, Assistant Secretary, Industry & Analysis

**FROM:** Cora Dickson, Designated Federal Officer, Renewable Energy and Energy Efficiency  
Advisory Committee (REEEAC)  
Office of Energy and Environmental Industries, (202) 482-6083

**RE:** Virtual Meeting with the Renewable Energy and Energy Efficiency Advisory  
Committee (REEEAC) on Thursday, June 4, 2020, from 2:00 PM to 2:30 PM  
Via WebEx – login info to be provided

**b(5) - DP**

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## ATTACHMENT 2: LIST OF CHARTER V REEEAC MEMBERS

*\*Denotes REEEAC Chair*

- Chrissy Camacho Borskey, *General Electric*, Boston, MA
- Matt Card, *Suniva*, Norcross, GA
- Peter Chiaravalle, *POM Energy Concepts*, Fort Lauderdale, FL
- Kelly Davis, *Renewable Fuels Association*, Ellisville, MO
- Jen Derstine, *Capstone Turbine Corporation*, Van Nuys, CA
- Terence Dittrich, *TWD Global Enterprises LLC*, Hartland, WI
- Brett Feldman, *Guidehouse Insights*, Burlington, MA
- Carl Fleming, *McDermott Will & Emery LLP*, Washington, DC
- Terry Fry, *The Cadmus Group LLC*, Oakland, CA
- Svetoslav Gatchev, *Delphos International, Ltd.*, Washington, DC
- Mark Higgins, *Strategen Consulting*, Berkley, CA
- \*Kenneth Kramer, *Rushton Atlantic, LLC*, New York, NY
- Morry Markowitz, *Fuel Cell and Hydrogen Energy Association*, Washington, DC
- Sam Martens, *OCI Enterprises*, San Antonio, TX
- Joseph Mendelson, *Tesla*, Washington, DC
- William Pott, *POWER Engineers, Inc.*, Hailey, ID
- Gary Rackliffe, *ABB Inc.*, Raleigh, NC
- Donn Samsa, *Toshiba Mitsubishi-Electric Industrial Systems Corporation*, Roanoke, VA
- Jorge Sanchez, *Thor Energy*, San Antonio, TX
- Scott Sklar, *The Stella Group*, Arlington, VA
- John Smirnow, *Solar Energy Industry Association*, Washington, DC
- Paula Soos, *Covanta*, Morristown, NJ
- David Spira, *Deloitte Consulting LLP*, New York, NY
- Adam Stern, *American Wind Energy Association*, Washington, DC
- Trey Taylor, *Verdant Power Inc.*, New York, NY
- Paul Thomsen, *Ormat Technologies*, Reno, NV
- Cindy Thyfault, *Global Biofuture Solutions, Inc.*, Los Angeles, CA
- Ross Tyler, *Business Network for Offshore Wind*, Towson, MD
- Laura Van Wie McGrory, *Alliance to Save Energy*, Washington, DC
- Ravindra Vora, *Transventure Energy LLC*, Arvada, CO
- Fred Walti, *Network for Global Innovation*, Los Angeles, CA
- Kathleen Weiss, *First Solar*, Tempe, AZ
- Candice Wilson, *U.S. Grains Council*, Washington, DC
- Thomas Wright, *GreenStar Products, Inc.*, San Antonio, TX



## **ATTACHMENT 3: U.S. Government Attendees for Session 4**

### Commerce

Wilbur Ross, Secretary

Nazak Nikakhtar, Assistant Secretary, Industry and Analysis, ITA

Brian Lenihan, Deputy Assistant Secretary for Manufacturing, ITA

Adam O'Malley, Director, Office of Energy and Environmental Industries (OEEI), ITA

Man Cho, Deputy Director, OEEI/ITA

Cora Dickson, Designated Federal Officer for REEEAC and Senior Renewable Energy Specialist, OEEI/ITA

Christian Herman, International Trade Specialist, Renewable Energy and Thermal Power, OEEI/ITA

Devin Horne, Senior International Trade Specialist, Energy Storage, OEEI/ITA

Andrew Moyseowicz, International Trade Specialist, Electric Utility Industry, OEEI/ITA

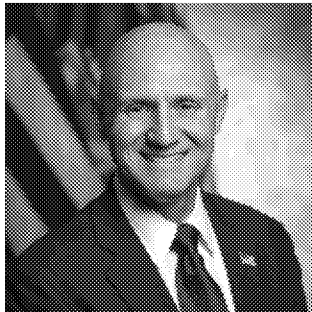
Others TBD

### Department of Energy

Daniel Simmons, Assistant Secretary for EERE

Others TBD

## **Participant Bio**



### **Daniel Simmons**

Assistant Secretary of Energy Efficiency and Renewable Energy (EERE)  
U.S. Department of Energy

Assistant Secretary Simmons leads EERE to promote affordable and reliable energy to enhance America's economic growth and energy security. Before joining the Department, Daniel served as the Institute for Energy Research's Vice President for Policy, and previously held positions at the American Legislative Exchange Council and on the Committee on Resources of the U.S.

House of Representatives. He is a graduate of Utah State University and George Mason University School of Law.

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## **ATTACHMENT 6: Recent News Articles**

### **Record drop in energy investment, warns International Energy Agency**

27 May 2020

[ [HYPERLINK "https://www.bbc.com/news/amp/business-52812709"](https://www.bbc.com/news/amp/business-52812709) ]

The coronavirus crisis is causing the biggest fall in global energy investment in history.

Before the pandemic, funding was set to rise 2%, but now it's predicted to plunge 20%, says the International Energy Agency (IEA).

Fossil fuels are hit hardest, with a 30% funding drop expected for oil and a 15% fall for coal.

Renewables investment is down 10% - and it's only about half what's needed to combat climate change.

Due to coronavirus lockdown measures imposed by many countries, for the time being, the fall in investment is leading to a drop in planet-heating carbon emissions.

But the IEA warns that that use of fossil fuels is likely to rebound when the crisis is over, leading to a spike in CO2.

One reason is because China and other Asian nations are putting in orders now for a new generation of coal-fired power plants to supply energy in the future.

"We see a historical decline in emissions, but unless we have the right economic recovery packages, we might see emissions again skyrocket and the decline of this year would be completely wasted," the IEA's executive director Fatih Birol told the BBC.

"Remember the 2008-2009 crashes. We immediately saw a decline in emissions, but afterwards it rebounded. We must learn from history."

Approvals of new coal plants in the first quarter of 2020, mainly in China, were running at twice the rate observed over the whole of 2019, he added.

Overall energy investment has fallen almost \$400bn (£324.3bn) short of what was expected in 2020, and the IEA says there are now serious doubts about secure energy supplies when the global economy picks up, because energy projects take so long to deliver.

The report says the decline in investment is "staggering" in its scale and swiftness, mostly due to low demand and low prices for energy, especially oil.

Dr Birol said: "The historic plunge in investment is deeply troubling. It means lost jobs and economic opportunities today, as well as lost energy supply that we might well need tomorrow, once the economy recovers.

"The slowdown in spending also risks undermining the much-needed transition to more sustainable energy systems."

## Investment in renewables falling

The report says a combination of falling demand, lower prices and a rise in non-payment of bills means energy revenues to governments and industry are set to fall by well over a trillion dollars in 2020.

Oil accounts for most of the total of this decline. Shale gas – previously the darling of the energy sector – is anticipated to take the biggest percentage hit overall, with a 50% investment fall.

Renewables investment has been more resilient, but spending on rooftop solar installations by has been strongly affected. Energy efficiency is suffering too, as investment is set to fall by an estimated 10-15%.

The overall share of global energy spending that goes to clean energy has been stuck at around one-third in recent years.

In 2020 it will jump towards 40% of total investment – but that's only relative, because fossil fuels are taking such a battering.

Dr Birol added: “The crisis has brought lower emissions but for all the wrong reasons. If we are to achieve a lasting reduction in global emissions, then we will need to see a rapid increase in clean energy investment.”

Decisions to commission new coal-fired plants are down more than 80% since 2015, but the global coal fleet continues to grow.

## Here's How Covid-19 Is Affecting The Biggest Source of Clean Energy Jobs

*Since the pandemic arrived, the country has lost almost 600,000 clean energy jobs.*

**May 21, 2020**

[ [HYPERLINK "https://insideclimatenews.org/news/20052020/inside-clean-energy-jobs-coronavirus-wind-electric-vehicles-energy" \h](https://insideclimatenews.org/news/20052020/inside-clean-energy-jobs-coronavirus-wind-electric-vehicles-energy) ]

Talk about clean energy jobs and it often conjures images of wind turbines and solar panels. But wind and solar represent just a fraction of the jobs of the big kahuna that is energy efficiency.

And energy efficiency jobs—which include manufacturers and installers of efficient lighting, appliances and heating systems, among many other groups—are taking a beating because of the coronavirus and the economic disruption it has caused.

This is a shame because these are products and services that help people save energy and save money, and that's just what we need right now.

Some numbers: Of the 3.4 million clean energy jobs in the United States last year, 2.4 million were in energy efficiency, followed by 522,811 in renewable energy, and the rest in smaller categories of clean energy jobs. This is according to the Clean Jobs America 2020 [ [HYPERLINK "https://e2.org/wp-content/uploads/2020/04/E2-Clean-Jobs-America-2020.pdf" \h](https://e2.org/wp-content/uploads/2020/04/E2-Clean-Jobs-America-2020.pdf) ] from Environmental Entrepreneurs, or E2, a trade group for clean energy companies.

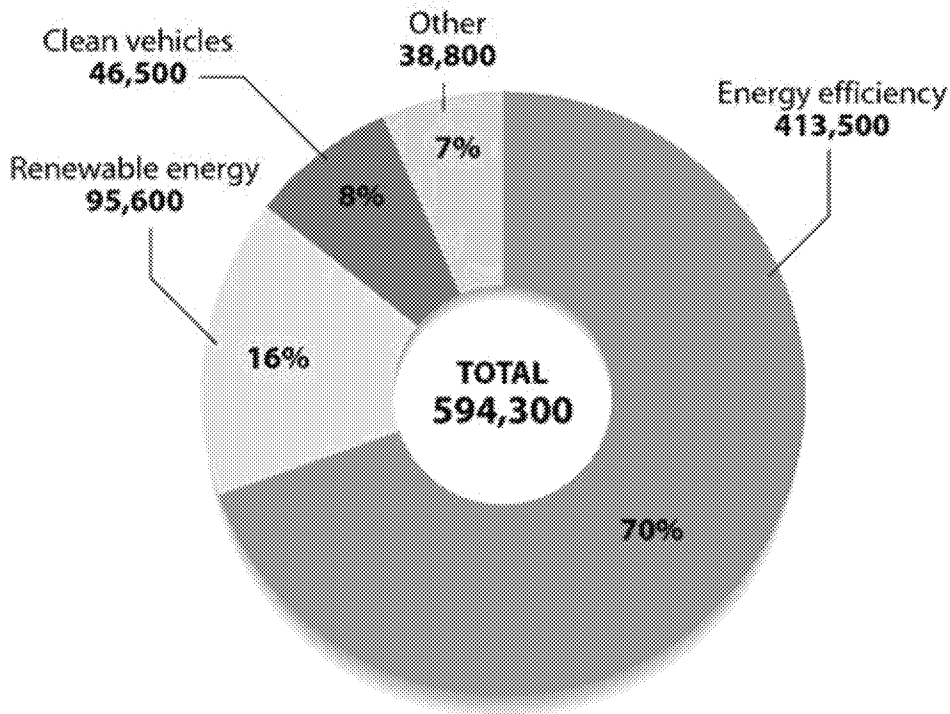


## Covid-19's Impact on Clean Energy Jobs

The country had nearly 3.5 million clean energy jobs at the end of last year. Here is how many were lost in March and April as the coronavirus hit the economy.

### U.S. CLEAN ENERGY JOB LOSSES

By sector, March-April, 2020



Note: Sum does not equal total due to rounding.

SOURCE: BW Research

PAUL HORN / InsideClimate News

Since the pandemic hit, the country has lost 594,300 clean energy jobs, according to a [\[HYPERLINK "https://bwresearch.com/covid/docs/BWResearch\\_CleanEnergyJobsCOVID-19Memo\\_05-13-2020.pdf"\]](https://bwresearch.com/covid/docs/BWResearch_CleanEnergyJobsCOVID-19Memo_05-13-2020.pdf) issued last week by BW Research Partnership, the same firm that did the data analysis for the E2 report.

Of that total, 413,500, or 70 percent of the losses, were in energy efficiency.

"Our previous projection of a half million or 15 percent of all clean energy jobs lost by the end of June has already been surpassed," said the report, by Philip Jordan of BW Research Partnership. Jordan offered a new projection: The country, he believes, is on track to lose 850,000 clean energy jobs by the end of June, which would be 25 percent of the jobs that were in place before the virus hit.

"Some customers have said they want to get work done, but just are not comfortable right now," said Mark Hall, founder and CEO of Revalue.io in Oakland, California, a company with five employees that helps customers implement energy-saving plans.

But he told me he is optimistic that the worst is behind him and his company will soon be able to get back to some semblance of normal.

John Seryak, CEO of Go Sustainable Energy in Columbus, Ohio, has been unable to do site visits with his customers, which is a key part of how his company advises them on potential changes to lighting, insulation and heating and cooling.

But he hasn't had to lay off any of his staff of 16 people, in part because his business has a number of big jobs already in progress, and his customers are mainly large organizations with the budgets to follow through on existing contracts.

Still, this has been a stressful and disorienting time. Seryak said he wants to remind people that energy efficiency is a virtuous form of cost-cutting.

"A lot of organizations are going to focus on cost-cutting and energy efficiency helps to do that," he said. "It's an economic activity that helps align with what customers want and need to do in the near term. It can have quick returns on investments, which is going to be highly valued. It creates jobs." Clean energy advocacy groups have called on Congress to make clean energy jobs a part of stimulus legislation, which could take many forms, including grants and loans to help companies and households do energy-saving projects. That's what the Obama administration [\[ HYPERLINK "https://obamawhitehouse.archives.gov/the-press-office/2016/02/25/fact-sheet-recovery-act-made-largest-single-investment-clean-energy" \h \]](https://obamawhitehouse.archives.gov/the-press-office/2016/02/25/fact-sheet-recovery-act-made-largest-single-investment-clean-energy) with the 2009 stimulus.

## **As utilities tackle immediate COVID-19 impacts, analysts stress need to focus beyond the pandemic**

**May 20, 2020**

[\[ HYPERLINK "https://www.utilitydive.com/news/as-utilities-tackle-immediate-covid-19-impacts-analysts-stress-need-to-foc/577928/" \]](https://www.utilitydive.com/news/as-utilities-tackle-immediate-covid-19-impacts-analysts-stress-need-to-foc/577928/)

Data now verifies a pandemic-driven collapsing commercial-industrial (C&I) electricity load is only partially offset by sheltering-at-home customers' spiking residential usage.

Utilities have implemented measures to help residential customers cope with rising powerbills. But some utility leaders and analysts are thinking beyond today's uncertainties and looking instead toward tomorrow's system needs in light of these shifting load dynamics, they told Utility Dive.

Because of the economic turmoil, "a sharp recovery to previous 'normal' daily load shapes is unlikely without new stimulus efforts," Energy Innovation Senior Fellow Eric Gimon told Utility Dive. But "utilities are safer equities than most in this storm, so it could be a moment for CEOs to pursue new electrification revenues and expenditures for system flexibility they will need going forward."

The growing "emphasis on energy efficiency and clean and alternative resources" will present new "opportunities for economic development as the economy reopens," Consolidated Edison (ConEd)

spokesperson Allan Drury agreed. "Coming out of the pandemic, customers and regulators are likely to set higher expectations for reliability" that require new "smart investments" that will be "good for the economy," he told Utility Dive.

Disconnection moratoria and bill relief address near term needs, and keeping close track of shifting load data is vital, but the better question is what tomorrow's power system can be, utility spokespeople and system analysts told Utility Dive.

#### C&I decline amid the pandemic

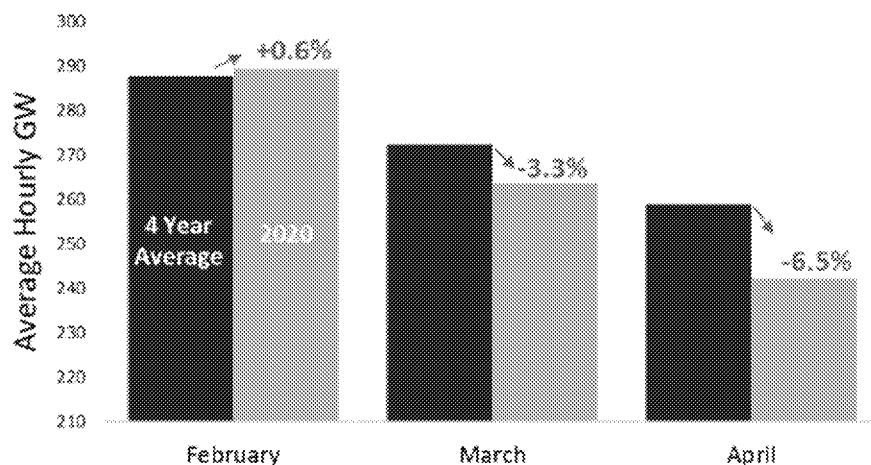
For system operators across the country, C&I loads are sharply down and residential use is rising, but with flatter peaks. Overall, U.S. load was down 6.5% in April, according to a May 12 Brattle Group report.

A sampling of residential demand showed an average 12% increase and that C&I demand was off by an average of 31% through April 27, consulting firm ICF reported May 3. Average "daily peak demand dropped by 10%" from April 27 to May 3, but has since "reached relative steady state," it found.

Meanwhile, utilities face new challenges created by the shifting C&I and residential loads. Demand from residential air conditioning is up "about 40%," which is "a real concern" for system operators and customers, Scott Hinson, chief technology officer at consumer energy data specialist Pecan Street, told Utility Dive. "Electricity bills could go very high in June, July, and August when it gets hot."

"With more people at home using electricity, DR programs will likely get less use reduction per household and need higher enrollments to spread reductions over more customers."

7 ISOs' Electricity Load in February-April 2020 Relative to Load for Prior 4 Years (2016-2019)



Permission granted by The Brattle Group: <https://www.brattle.com/news-and-knowledge/publications/impacts-and-implications-of-covid-19-for-the-energy-industry>

Because residential customers' usage is atypically high, local utilities could face higher transmission charges and ERCOT could face reliability challenges, Hinson said. "Texas operates on a fairly thin

reserve margin and has data center and manufacturing loads that are not flexible, which means an increased air conditioning load could test those margins."

To protect reliability and keep customer bills low, Austin Energy and other utilities "probably need to ask residential customers for changes in behavior," like reducing home cooling or using public cooling centers during heat waves, he added.

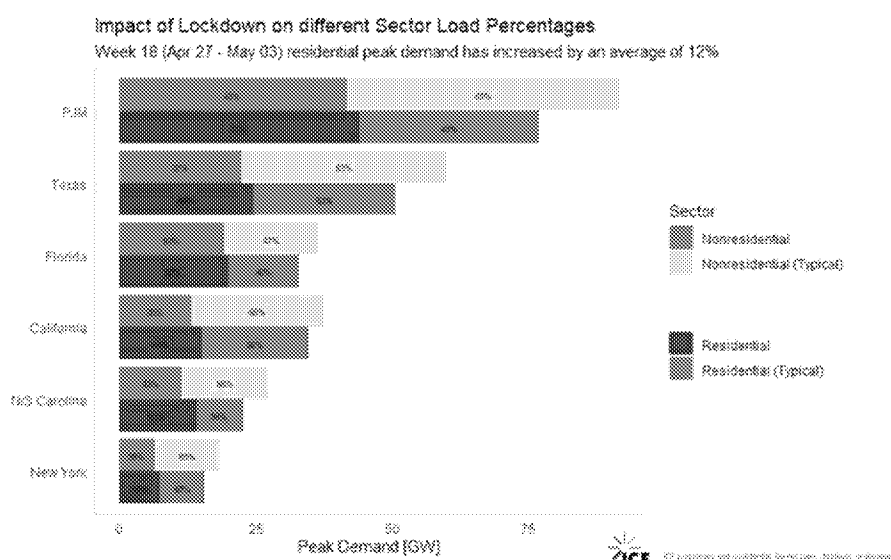
Similar conclusions from a larger analysis of residential customers during the first three weeks following isolation orders were reported by utility data specialist Uplight. The analysis included customers under the service of undisclosed utilities in an Eastern and mid-America region.

Among Uplight's findings, average residential peak loads increased 21% in the mid-American region and 35% in the Eastern region which, "for families facing job or income losses, could mean significant bill impacts," Uplight Senior Vice President, Marketing, Indran Ratnathicam, told Utility Dive.

Utility disconnection moratoria offer near term protection, but utilities should take two further steps before summer air conditioning loads come on, Ratnathicam suggested. One is reworking demand response (DR) programs for residential customers and shifting them away from C&I customers, whose usage reductions will be less available.

"With more people at home using electricity, DR programs will likely get less use reduction per household and need higher enrollments to spread reductions over more customers," Ratnathicam said. "But newly cost-conscious residential customers will be more interested if enrollment includes opportunities for smart thermostats and new light bulbs that save money."

The second step is to "act now, before usage rises, to upgrade residential distribution system infrastructure and technologies," he added. Hot weather demand "could overwhelm operations, but new smarter technologies can manage that dispatch."



Permission granted by ICF

Successful messaging from utilities must strike "a delicate balance" with customers and regulators, Ratnathicam said. "It is informing about higher bills and solutions without disturbing customers."

Many utilities are developing near-term responses to these new challenges focused on demand response and energy efficiency, they told Utility Dive.

#### Utility responses

Utilities can be central to the pandemic response because they can help implement solutions "one home or business at a time," Electric Power Research Institute (EPRI) Director of Energy Utilization Mark Duvall told Utility Dive.

TVA, Austin Energy and the Sacramento Municipal Utility District are working on the kind of messaging described by Uplight and Pecan Street, but not making changes to their DR programs, their spokespeople emailed Utility Dive.

New England's Eversource Energy is developing new residential bill relief and savings along with energy efficiency offerings, company spokesperson Reid Lamberty said. The utility is also expanding its DR programs "to offset the potential for increased residential loads," including adding new incentives and technologies to bring more smart thermostats and window air conditioners to its DR capabilities, Lamberty said.

Southern California Edison's (SCE) total load was down 6% from 2019 and 11% below its five-year average load from March 16 to April 10, SCE spokesperson Julia Roether emailed Utility Dive. But with residential load up 14% from 2019, and non-residential load down 16%, "the overall load shape has less of a ramp, which means the DR need may not be as high," she added.

"Significant no-regrets investments in shovel-ready transportation electrification projects can create jobs and have important economic impacts that, in the long term, will increase utility kWh sales and savings for consumers," Mark Duvall, Director of Energy Utilization, EPRI

DR stakeholders in New York, however, have recommended significant adjustments to DR programs, and ConEd is "reviewing those recommendations" with regulators and other utilities, Drury said.

"Changes in electric demand and consumption patterns from COVID-19 have created uncertainty and challenges," Advanced Energy Management Alliance Executive Director Katherine Hamilton wrote to the New York Department of Public Service (DPS) on April 15, on behalf of the Joint DR providers.

Over-burdened essential businesses "may not have load flexibility to respond to DR events," and shuttered non-essential businesses "do not have load available to be reduced," she said.

In response, DPS has granted new flexibility to DR providers on enrollments and ConEd is implementing changes to its DR programs focused on deferring consumption and reducing summer peak load.

Both ConEd and SCE agree with EPRI's Duvall that there can be a significant role for utilities in a broader economic recovery and have begun thinking about specifics.

ConEd's "access to low-cost capital" and "expertise in running large energy systems" would make utility ownership of large-scale renewables "an economic plus," Drury said. And its authorization by New York's regulators to administer incentives for heat pumps is "an opportunity to drive customer savings and job growth."

SCE's new 770 MW battery storage project and ongoing electric vehicle charging program both offer important "shovel-ready" investments "when restrictions are lifted, that should help California's economy," SCE's Roether said.

The shifting system dynamics will also require a response from utility regulators, Regulatory Assistance Program Senior Advisor Jim Lazar told Utility Dive.

#### How regulators can help

Utilities can more readily allocate expenditures for things like new messaging and improved DR programs if regulators give them assurance that any new financial burdens from the pandemic-induced economic downturn will be well-handled in rate cases, Lazar said.

The key for regulators is to recognize both impacts that put "upward pressure on rates and bills" and "those that provide downward pressure," Lazar said on the Regulatory Assistance Project website May 5. Regulators' responses will differ in vertically integrated and restructured states and can be critical to utility financial stability where there is revenue decoupling, he said.

About half of states have revenue decoupling, which allows a utility revenue recovery when kWh sales fall unless the utility acted imprudently, he said. But most decoupling was designed to protect utilities that offer revenue-reducing incentives for customer-sited energy efficiency and distributed renewables, not for "a sudden and deliberate pandemic-induced economic contraction."

Decoupling does, though, provide recovery for the "lost sales margins" that utilities now face, and regulators should cautiously but seriously consider applying it, he added.

"This is a moment to re-imagine the energy system and understand the value of new transmission, long duration storage, and demand response programs that add load and dispatch flexibility," V. John White, Executive Director, Center for Energy Efficiency and Renewable Technologies.

Regulators should also require utilities to track and disclose all revenue changes, ensure the changes are properly treated in accounting procedures, and guard against improper rate case claims, he added. Finally, regulators should consider utilities' falling cost of capital against requests to recover lost revenues.

Former electric utility commissioners Ann McCabe of Illinois, Richard Sedano of Vermont, and David Littell of Maine, who all work at the Regulatory Assistance Project along with Lazar, told Utility Dive they agree with Lazar's prescriptions.

Data analysis offers regulators and utilities reassuring guidance in the face of today's uncertainty, but there is a "better question" to ask on behalf of utilities and their customers as they face increasingly variable supply and flexible loads, some power system analysts say.

#### The better question

The "better question" is how power system stakeholders can use this moment to prepare for the future, Center for Energy Efficiency and Renewable Technologies (CEERT) Executive Director V. John White told Utility Dive.

As in 2008, there is economy-wide trauma and double-digit unemployment, including huge job losses in the clean energy sector, White said. But 2009 stimulus policies provided loan guarantees and other incentives and led to "thousands of megawatts of new renewable capacity," he recalled. "Renewables proved their value to the economy by paying off the loans and adding more to the recovery than they cost."

Many states now "have pipelines of renewable and storage projects that are shovel-ready," White said. "Clean energy and storage infrastructure can provide jobs and new capital investments to help bring our economy back."

"Virtually every utility at the highest levels was already focused on how to facilitate electric vehicle charger installations and that has not changed," EPRI's Duvall said. "Significant no-regrets investments in shovel-ready transportation electrification projects can create jobs and have important economic impacts that, in the long term, will increase utility kWh sales and savings for consumers."

The investments will also allow deployment of other technologies that increase load flexibility and add value for utilities, customers and the economic recovery, Duvall added.

TVA, SMUD and Eversource are staying with long term plans to increase system flexibility, their spokespeople said. SCE's Roether described shovel-ready projects in development.

Working at home "gives people motivation to manage their home energy usage," ConEd's Drury said. "Energy companies and their regulators should see savings opportunities" in deploying energy efficiency for residential customers and "economic benefits for equipment installers, retailers and others."

"This is a moment to re-imagine the energy system and understand the value of new transmission, long duration storage, and demand response programs that add load and dispatch flexibility," White said. As in 2009, "we need innovative, forward-looking policies that address the energy system's new stresses and protect companies teetering on the brink."

When the nation emerges from the current crises, climate change "will be there waiting for us," EPRI's Duvall said. "It is up to policymakers to propose solutions, but utilities can figure out [that] cost-effective implementations can come from millions and millions of very small customer decisions and transactions."

[ PAGE \\* MERGEFORMAT ]



**b(5) - DP**

## Bureau Leadership Meeting

June 02, 2020

11:00am – 11:45am

**b(6)**

### Agenda:

1. Secretary's Schedule – Tala G.
2. COVID-19 Update – KDK
3. Around the Horn
  - Invitees:
    - i. NIST – Walt Copan
    - ii. USPTO – Andrei Iancu
    - iii. OBL – Patrick Wilson
    - iv. NOAA – Neil Jacobs
    - v. MBDA – David Byrd
    - vi. OLIA – Anthony Foti
    - vii. CENSUS – Steve Dillingham
    - viii. BIS – Cordell Hull
    - ix. ITA – Joseph Semsar
    - x. EDA – Dana Gartzke
    - xi. Space Commerce – Kevin O'Connell
    - xii. CFO/ASA – Tom Gilman, Kevin Preskenis
    - xiii. OS – Mike Walsh, James Rockas
    - xiv. OGC – Stephanie Olson
    - xv. OPA – Meghan Burris
    - xvi. OWHL – Sean McLean
    - xvii. OPSP – Rob Blair
    - xviii. OSP – Sean Brebbia
    - xix. PTO – Andrei Iancu

Topics for Bureau Leadership **b(5) - DP**

**b(5) - DP**

**Policy Committee Meeting**

Wednesday, June 3

1:00PM – 2:00PM

b(6)

**Agenda:**

- |   |                  |
|---|------------------|
| 1. MBDA/Commerce support of businesses        | ~1:00PM – 1:20PM |
| 2. Bureau Innovation Group (BIG) Presentation | ~1:20PM – 1:40PM |
| 3. Discussion                                 | ~1:40PM – 2:00PM |

**Invitees:**

All bureaus have been included on the invitation for the meeting

**Front Office Meeting**

Wednesday, June 02

10:30AM – 11:00AM

**b(6)**

**Agenda:**

1. C-19 Operational Updates (questions, comments, concerns, etc.) – KDK
2. Anything else anyone needs to share?

**Invitees:**

**OBL:** Patrick Wilson, Kelly Rzendzian, Grant Gardner

**OLIA:** Anthony Foti

**Advance/Protocol:** Eric Philipkosky, Cannon Smith

**CFO/ASA:** Tom Gilman, Kevin Preskenis

**OGC:** Stephanie Olson, Ethan Meredith

**OS:** Mike Walsh, Tala Goudarzi, Steven Barranca

**OSP:** Sean Brebbia

**OPSP:** Rob Blair, James Rockas, Michael Ding, William Sleiman

**OWHL:** Sean McLean, Anthony LaBruna, Alex Oscarson

**EXECSEC:** Allaire Williams, Ryan McDermott

**OPA:** Lauren Gorey, Anthony Paranzino

**CFBNP:** John Pughe

**O/DEPSEC:** Christine Rafiekian, Beatrice Brooke, Dan Risko, Nathaniel Cogley, Adam Korzeniewski, Nicole Martin

**From:** Martin, Nicole (Federal) [NMartin1@doc.gov]  
**Sent:** 9/2/2020 6:06:28 PM  
**To:** Kelley, Karen (Federal) [KKelley@doc.gov]  
**CC:** Risko, Daniel (Federal) [DRisko@doc.gov]; Brooke, Beatrice E. (Federal) [BBrooke1@doc.gov]; Johnston, Dane (Federal) [DJohnston@doc.gov]; Paranzino, Anthony (Federal) [AParanzino@doc.gov]; Lane, Jennifer (Federal) [JLane@doc.gov]  
**Subject:** Schedule: Thursday, September 3, 2020  
**Attachments:** Kelley Karen (Federal) Calendar.ics; 2) 09-03-20 Bureau Leadership Agenda\_KDK Book (1).docx; 1) 09-03-2020 Politicals Meeting Agenda\_KDK Book (1).docx; 3A) Agenda 09.02.2020.docx; 3C) CEO FIRSTNET 08 31 20 WEEKLY REPORT\_v3.docx; 3B) NTIA Weekly Secretary Report 08.31.2020.docx; 0B) [REDACTED] b(4) pdf; 0A) China- CO Return\_depsec\_090120.docx; 0C) UK- UK-FTA Round 3 Talks\_depsec\_08312020.docx

Ma'am,

Please see tomorrow's schedule below. Meeting materials are attached and the attachment numbers are listed in the annotated schedule.

We have also included ATTACHMENT 0A, 0B, 0C for you to review.

We are waiting on the materials for tomorrow's OWHL Meeting and will provide if/when received.










Best,  
Nicole

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Karen Dunn Kelley Calendar  
Thursday, September 3, 2020

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▲ Thu, Sep 3

	<b>Before 8:00 AM</b>	<b>Free</b>
	8:00 AM – 8:30 AM	Check in [REDACTED] b(6)
	8:30 AM – 8:45 AM	<u>Weekly Political Appointees Meeting</u> <b>ATTACHMENT 1</b>
	8:45 AM – 9:00 AM	Prep Call [REDACTED] b(6)
	9:00 AM – 10:00 AM	Daily Leadership Call [REDACTED] b(6)
	9:30 AM – 10:00 AM	DOC Bureau Leadership [REDACTED] b(6) <b>ATTACHMENT 2</b>
	10:00 AM – 11:00 AM	[REDACTED] b7(E)
	11:00 AM – 12:00 PM	Census Small Group [REDACTED] b(6)
	12:00 PM – 12:30 PM	Check in: NTIA [REDACTED] b(6)

**ATTACHMENT 3A, 3B, 3C**

	12:30 PM – 1:00 PM	OPSP Check In <b>b(6)</b>
	1:00 PM – 1:30 PM	Free
	1:30 PM – 2:00 PM	Enterprise Services <b>b(6)</b>
	2:00 PM – 3:00 PM	<b>b7(E)</b>
	3:00 PM – 3:30 PM	Meet with CFO ASA TG to call KDK
	3:30 PM – 4:00 PM	Check in: White House Liaison Office <b>b(6)</b>
<b>ATTACHMENT FORTHCOMING</b>		
	4:00 PM – 4:30 PM	Drive to WH HCHB to WH
	4:30 PM – 5:30 PM	PC WH
	5:30 PM – 6:00 PM	Drive to HCHB WH to HCHB
	After 6:00 PM	Free

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**Nicole Martin**

Office of the Deputy Secretary  
U.S. Department of Commerce

[NMartin1@doc.gov](mailto:NMartin1@doc.gov)

Cell: **b(6)**

**Organizer:** Kelley, Karen (Federal) : KKelley@doc.gov  
**Subject:** Meet with CFO ASA  
**Location:** TG to call KDK  
**Start Time:** 2020-09-02T16:30:00-04:00  
**End Time:** 2020-09-02T17:00:00-04:00  
**Attendees:** Gilman, Thomas (Federal) : TGilman@doc.gov, DepSec Conference Room Calendar :  
[b(6)]@doc.gov

**Start Time:** 2020-09-03T19:00:00Z  
**End Time:** 2020-09-03T19:30:00Z



**Organizer:** Kelley, Karen (Federal) : KKelley@doc.gov  
**Subject:** Check in: White House Liaison Office  
**Location:** b(6)  
**Start Time:** 2020-09-02T15:30:00-04:00  
**End Time:** 2020-09-02T16:30:00-04:00  
**Attendees:** Risko, Daniel (Federal) : DRisko@doc.gov, Walsh, Michael (Federal) : MWalsh@doc.gov, Preskenis, Kevin (Federal), KPreskenis@doc.gov, Gilman, Thomas (Federal) : TGilman@doc.gov, LaBruna, Anthony (Federal), ALaBruna@doc.gov, McLean, Sean (Federal) : SMcLean@doc.gov, DepSec Conference Room Calendar, b(6)@doc.gov, Martin, Nicole (Federal) : NMartin1@doc.gov, Reid, Sloane (Federal), SReid@doc.gov

Dial-in information:

b(6)  
Participant: b(6)

**Start Time:** 2020-09-03T19:30:00Z

**End Time:** 2020-09-03T20:00:00Z

Dial-in information:

**b(6)**

Participant **b(6)**

**Organizer:** Kelley, Karen (Federal) : KKelley@doc.gov

**Subject:** Enterprise Services

**Location:** b(6)

**Start Time:** 2020-09-02T13:30:00-04:00

**End Time:** 2020-09-02T14:00:00-04:00

**Attendees:** Lane, Jennifer (Federal) : JLane@doc.gov, Coggins, Wynn (Federal) : WCoggins@doc.gov, Gilman, Thomas (Federal), TGilman@doc.gov, Preskenis, Kevin (Federal) : KPreskenis@doc.gov, Risko, Daniel (Federal) : DRisko@doc.gov, Schnare, Nicholas (Federal) : NSchnare1@doc.gov, Armstrong, Darlene (Federal) : DArmstrong@doc.gov

b(6)

P b(6)

L b(6) Dan

**Start Time:** 2020-09-03T17:30:00Z

**End Time:** 2020-09-03T18:00:00Z

**b(6)**  
P **b(6)**

L **b(6)** - Dan

**Organizer:** LaBruna, Anthony (Federal) : ALaBruna@doc.gov

**Subject:** Weekly Political Appointees Meeting

**Start Time:** 2020-09-03T08:30:00-04:00

**End Time:** 2020-09-03T08:45:00-04:00

**Attendees:** Clark, Jason P. : Jason.Clark@USPTO.GOV, Gallatin, Kirt : Kirt.Gallatin@trade.gov, Lee Smith : Lee.Smith@bis.doc.gov, Michael Cys : Michael.Cys@bis.doc.gov, Ahmad, Ali M : ali.m.ahmad@census.gov, Ambrosini, Vanessa, Vanessa.Ambrosini@trade.gov, Ashooh, Richard : Richard.Ashooh@bis.doc.gov, Barranca, Steven (Federal), SBarranca1@doc.gov, Peter.Barrett@trade.gov : Peter.Barrett@trade.gov, Beaumont, Dina, Dina.Beaumont@trade.gov, Billy, Stephen : Stephen.Billy@bis.doc.gov, Brebbia, Sean (Federal), SBrebbia@doc.gov, Brooke, Beatrice E. (Federal) : BBrooke1@doc.gov, Burgess, Michael : Michael.Burgess@USPTO.GOV, Burkett, Robert (Federal) : RBurkett@doc.gov, Byrd, David (Federal) : DBYrd@mbda.gov, Cooney, John : John.Cooney@trade.gov, Cooney-Porter, Kathleen : Kathleen.Cooneyporter@USPTO.GOV, Copan, Walter : walter.copan@nist.gov, Curyto, Jessica : Jessica.Curyto@bis.doc.gov, Davis, Caitlin (Federal) : CDavis4@doc.gov, Delgado, Christina : Christina.Delgado@trade.gov, Ding, Michael (Federal) : MDing@doc.gov, Dombrowski, Eileen (Federal) : EDombrowski@doc.gov, Dorsey, Cameron : Cameron.Dorsey@trade.gov, Elsner, Brandon (Federal) : Brandon.Elsner@noaa.gov, Flocken, Nicholas (Federal) : nicholas.flocken@noaa.gov, Foti, Anthony (Federal), AFoti@doc.gov, Frushone, Joel (Federal) : JFrushone@eda.gov, Ganoe, Donna : Donna.Ganoe@bis.doc.gov, Gardner, Grant (Federal) : GGardner@doc.gov, Gartzke, Dana (Federal) : DGartzke@eda.gov, Gilman, Thomas (Federal) : TGilman@doc.gov, Glacken, Meredith (Federal) : MGlacken@doc.gov, Goudarzi, Talat (Federal) : TGoudarzi@doc.gov, Grove, Nicole : Nicole.Grove@USPTO.GOV, Guevara, Ana : Ana.Guevara@trade.gov, Ham, Holly (Federal) : HHam@doc.gov, Hay, Mikell (Federal) : DHay1@doc.gov, Herbert, Stephanie (Federal) : SHerbert@doc.gov, Cull, Mary (Federal) : mary.cull@noaa.gov, Iancu, Andrei : Andrei.Iancu@USPTO.GOV, Ilagan, Kelly, Kelly.Ilagan@trade.gov, Jacobs, Neil (Federal) : neil.jacobs@noaa.gov, Jordan, Taylor (Federal), Taylor.Jordan@noaa.gov, Kalbaugh, Greg : Greg.Kalbaugh@trade.gov, Katopis, Chris : Chris.Katopis@USPTO.GOV, Kessler, Jeffrey : Jeffrey.Kessler@trade.gov, Kluttz, Lawson (Federal) : LKluttz@doc.gov, Krug, Peter : Peter.Krug@USPTO.GOV, Kumar, Harry (Federal) : HKumar@doc.gov, Lang, Jon, Jon.Lang@trade.gov, Laroski, Joseph : Joseph.Laroski@trade.gov, Lawler, Andrew (Federal) : andrew.lawler@noaa.gov, Leach, Macie (Federal) : SLeach@doc.gov, Lenihan, Brian : Brian.Lenihan@trade.gov, Leppert, Ryan H. (Federal) : RLeppert@doc.gov, stu.levenbach@noaa.gov : stu.levenbach@noaa.gov, Lewis, Wendy (Commissioned) : Wendy.Lewis@noaa.gov, Lopez, Christopher (Federal), DLopez@doc.gov, Lovas, Philip : Philip.Lovas@trade.gov, Luce, John (Federal) : john.luce@noaa.gov, Matich, Nicholas : Nicholas.Matich@USPTO.GOV, McCommas, Brendan : Brendan.McCommas1@USPTO.GOV, McCormack, Richard (Federal) : RMcCormack@doc.gov, McDermott, Ryan (Federal), RMcDermott1@doc.gov, McGaan, Duncan (Federal) : DMcGaan@doc.gov, McKinney, Bradley, Bradley.McKinney@trade.gov, Meyers, Steven : Steven.Meyers@trade.gov, Morgan, Ashley (Federal), AMorgan@mbda.gov, Neuhaus, Chelsey (Federal) : CNeuhaus@doc.gov, Nikakhtar, Nazak : Nazak.Nikakhtar@trade.gov, Noble, Erik (Federal) : erik.noble@noaa.gov, Norton, Barbara : Barbara.Norton@trade.gov, Oconnell, Kevin (Federal) : kevin.oconnell@noaa.gov, Oliver, Chris (Federal) : Chris.W.Oliver@noaa.gov, Peter, Laura : Laura.Peter@USPTO.GOV, Preskenis, Kevin (Federal) : KPreskenis@doc.gov, Pughe, John (Federal) : JPughe@doc.gov, Quinley, Kevin : kevin.quinley@census.gov, Rafiekian, Christine (Federal) : CRafiekian@doc.gov, alex.rankin@trade.goc : alex.rankin@trade.goc, Rauch-Mannino, Ned : Ned.Rauch-Mannino@trade.gov, Risko, Daniel (Federal) : DRisko@doc.gov, Ritchie, Branden : Branden.Ritchie@USPTO.GOV, Roberts, Julie (Federal) : Julie.Roberts@noaa.gov, Rzendzian, Kelly (Federal) : KRzendzian@doc.gov, Sanders, Jane : Jane.Sanders@trade.gov, Semsar, Joseph : Joseph.Semsar@trade.gov, Shipp, Christopher : Christopher.Shipp@USPTO.GOV, Smith, Cannon (Federal) : CSmith3@doc.gov, Stanley, Christopher J : christopher.j.stanley@census.gov, Steff, Ian : Ian.Steff@trade.gov, Stoddard, Alexander : Alexander.Stoddard@trade.gov, Sullivan, James : James.Sullivan@trade.gov, Sun, Ryan (Federal) : RSun@mbda.gov, Tucker, Caroline (Federal) : CTucker@doc.gov, Tufts, Clayton D. (Federal) : ctufts@doc.gov, Walsh, Michael (Federal) : MWalsh@doc.gov, Smith, Tina (Federal) : tsmith1@doc.gov, Wheeler, Kevin (Federal), Kevin.Wheeler@noaa.gov, Williams, Allaire (Federal) : AWilliams2@doc.gov, Wood, Lloyd, Lloyd.Wood@trade.gov, Zimmerman, Paul (Federal) : PZimmerman@doc.gov, Zuchold, Caroline (Federal), CZuchold@doc.gov, Cunningham, Jose : Jose.Cunningham@trade.gov, McLean, Sean (Federal), SMcLean@doc.gov, Oscarson, Alexandra (Federal) : AOscarson@doc.gov, Cogley, Nathaniel (Federal), NCogley@doc.gov, McLean, Sean L. EOP/WHO : b(6)@who.eop.gov, Youngstrom, Tristan (Federal), TYoungstrom@doc.gov, Kelley, Karen (Federal) : KKelley@doc.gov, Costello, John (Federal), JCostello@doc.gov, Steve, Kenneth W : kenneth.w.steve@census.gov, Dillingham, Steven : steven.dillingham@census.gov, Reid, Sloane (Federal) : SReid@doc.gov, Cogley, Nathaniel : nathaniel.cogley@census.gov, Martin, Nicole (Federal) : NMartin1@doc.gov, Korzeniewski, Adam (Federal) : AKorzeniewski@doc.gov, Philipkosky, Eric (Federal) : EPhilipkosky@doc.gov, MORITZ, CHRISTOPHER : CHRISTOPHER.MORITZ@trade.gov, Cheng, Amy (Federal) : ACheng@mbda.gov, Hageman, Adam (Federal), AHageman@doc.gov, Van Meter, Garth (Federal) : GVanMeter@eda.gov, Medica, James : jmedica@ntia.gov, Rafiekian, Christine : christine.rafiiekian@trade.gov, Thomas, Melanee (Federal) :

**b(6)**

Participate Code

**b(6)**

**Start Time:** 2020-09-03T12:30:00Z  
**End Time:** 2020-09-03T12:45:00Z

**Organizer:** Kelley, Karen (Federal) : KKelley@doc.gov

**Subject:** Daily Leadership Call

**Location:** b(6)

**Start Time:** 2020-09-03T09:00:00-04:00

**End Time:** 2020-09-03T10:00:00-04:00

**Attendees:** Ramdat, Grace : Grace.Ramdat@USPTO.GOV, Dillingham, Steven : invalid:nomail, Simms, Pat (Federal) : Pat.A.Simms@noaa.gov, Sun, Ryan (Federal) : RSun@mbda.gov, Wasilewski, Jim : JWasilewski@ntia.gov, Mitchell, Maggie, MMitchell@ntia.gov, Hannah, Lisle (Federal) : invalid:nomail, Olthoff, James K. : james.olthoff@nist.gov, Boehm, Jason : jason.boehm@nist.gov, Sharp, Kimberly : kimberly.sharp@nist.gov, Hoofnagle, Holden (Federal), hhoofnagle@doc.gov, Kline, Katherine (Federal) : invalid:nomail, Armstrong, Darlene (Federal), DArmstrong@doc.gov, Sweet, Jon (Federal) : invalid:nomail, Ritchie, Wayne : WRitchie@ntia.gov, Bersani, Kurt (Federal) : Kbersani@doc.gov, Ding, Michael (Federal) : MDing@doc.gov, Frushone, Joel (Federal), JFrushone@eda.gov, Hawkins, Tanika (Federal) : THawkins@doc.gov, Candeub, Adam, acandeub@ntia.gov, Martin, Nicole (Federal) : NMartin1@doc.gov, Boney, Virginia (Federal) : VBoney@doc.gov, Weiss, Michael (Federal) : Michael.Weiss@noaa.gov, Meredith, Ethan (Federal) : EMeredith@doc.gov, Schnare, Nicholas (Federal) : NSchnare1@doc.gov, Van Meter, Garth (Federal) : GVanMeter@eda.gov, Byrd, David (Federal) : DByrd@mbda.gov, Gartzke, Dana (Federal) : DGartzke@eda.gov, Rose, Carol : invalid:nomail, McKinney, Bradley : Bradley.McKinney@trade.gov, Farrell, Diane, Diane.Farrell@trade.gov, Stewart, Coke : Coke.Stewart@uspto.gov, Copan, Walter : walter.copan@nist.gov, lancu, Andrei : Andrei.lancu@USPTO.GOV, Walsh, Michael (Federal) : MWalsh@doc.gov, Ashooh, Richard : invalid:nomail, Oconnell, Kevin (Federal) : kevin.oconnell@noaa.gov, Jacobs, Neil (Federal), neil.jacobs@noaa.gov, Nikakhtar, Nazak : invalid:nomail, Gilman, Thomas (Federal) : TGilman@doc.gov, Goudarzi, Talat (Federal) : TGoudarzi@doc.gov, Fleming, John (Federal) : invalid:nomail, Roberts, Julie (Federal) : Julie.Roberts@noaa.gov, Paranzino, Anthony (Federal) : AParanzino@doc.gov, Foti, Anthony (Federal) : AFoti@doc.gov, Kluttz, Lawson (Federal) : LKluttz@doc.gov, Hull, Cordell, invalid:nomail, Berrios, Nelly (Federal) : invalid:nomail, Moyer, Brian : Brian.Moyer@bea.gov, Kinkoph, Douglas, DKinkoph@ntia.gov, Semsar, Joseph : Joseph.Semsar@trade.gov, Brebbia, Sean (Federal), SBrebbia@doc.gov, Glacken, Meredith (Federal) : MGlacken@doc.gov, Gardner, Steve (Federal) : sGardner1@doc.gov, Lane, Jennifer (Federal) : JLane@doc.gov, Olson, Stephanie (Federal) : SOlson@doc.gov, Gorey, Lauren (Federal) : LGorey@doc.gov, Risko, Daniel (Federal) : DRisko@doc.gov, Grove, Nicole, Nicole.Grove@USPTO.GOV, Peter, Laura : Laura.Peter@USPTO.GOV, Alvord, Dennis (Federal), DAlvord@eda.gov, DeVore, Ja'Nelle (Federal) : jdevore@doc.gov, Boards, Fernandez : invalid:nomail, Bohman, Mary : Mary.Bohman@bea.gov, Brockett, Del : del.brockett@nist.gov, Brown, Greg (Federal), gbrown@eda.gov, Caldwell, Randy : rcaldwell@ntis.gov, Capella, Gregory : invalid:nomail, DiGiacomo, Brian (Federal), bDiGiacomo@doc.gov, Friedman, Benjamin (Federal) : benjamin.friedman@noaa.gov, James, Kathleen : Kathleen.James@bea.gov, Jarmin, Ron S : ron.s.jarmin@census.gov, Jenkins, George : george.jenkins@nist.gov, Lamas, Enrique : enrique.lamas@census.gov, McCloud, Edith (Federal) : emccloud@mbda.gov, Mendes, Andre : Andre.Mendes@trade.gov, Mitchell, Margaret : invalid:nomail, Picard, Michelle : Michelle.Picard@USPTO.GOV, Seiler, Mark (Federal) : Mark.Seiler@noaa.gov, Semsar, Joseph (Federal) : JSemsar@doc.gov, Steckler, Frederick : Frederick.Steckler@USPTO.GOV, Strouse, Gregory F. : gregory.strouse@nist.gov, Vanek, Anita : anita.vanek@nist.gov, Ware, Terri (Federal) : TWare@doc.gov, White, Tania (Federal), twhite1@mbda.gov, Krauk, Jamie (Federal) : jkrauk@doc.gov, Phelps, Michael (Federal), MPhelps@doc.gov, McClelland, Michelle O (Federal) : mMcClelland@doc.gov, Berkowitz, Barry (Federal), invalid:nomail, Kunze, Stephen (Federal) : SKunze@doc.gov, Mendes, Andre (Federal) : AMendes@doc.gov, Adkins, Byron (Federal) : BAdkins@doc.gov, Guenther, John (Federal) : JGuenther@doc.gov, Coggins, Wynn (Federal) : WCoggins@doc.gov, DepSec Conference Room Calendar : b(6)@doc.gov, Brooke, Beatrice E. (Federal) : BBrooke1@doc.gov, Preskenis, Kevin (Federal), KPreskenis@doc.gov, Rafiekian, Christine (Federal) : CRafiekian@doc.gov, Mendes, Paulo (Federal), PMendes@doc.gov, Pelter, Jeremy : invalid:nomail, Preston, Robert (Federal) : RPreston@doc.gov, Bradley, Olivia (Federal) : OBradley@doc.gov, Campbell, Mara (Federal) : MCampbell@eda.gov, Curyto, Jessica : invalid:nomail, Hill, Joann (Federal) : Jhill@mbda.gov, Hitt, Lucas : Lucas.Hitt@bea.gov, Jones, Christa D : christa.d.jones@census.gov, Kimball, Kevin A. : kevin.kimball@nist.gov, b(6) & b7(C) : invalid:nomail, Luce, John (Federal) : john.luce@noaa.gov, Matthews, Franklyn (Federal), FMatthews@doc.gov, Gardner, Grant (Federal) : GGardner@doc.gov, Neuhaus, Chelsey (Federal), CNeuhaus@doc.gov, Rockas, James (Federal) : JRockas@doc.gov, Shipp, Christopher, Christopher.Shipp@USPTO.GOV, Billy, Stephen : invalid:nomail, Teague, Anne (Federal) : ATeague@doc.gov, Wasilewski, Jim : JWasilewski@ntia.doc.gov, Wyvill, Robin L : robin.l.wyvill@census.gov, Yang, Joe (Federal) : jyang@doc.gov, Higgins, Ryan (Federal) : RHiggins@doc.gov, Kornegay, Nick (Federal) : NKornegay@doc.gov, McLean, Sean (Federal) : SMcLean@doc.gov, Clark, Jason : invalid:nomail, Keller, Catherine (Federal) : CKeller@doc.gov, b(6) : b(6), Anderson, Lawrence (Federal) : LAnderson@doc.gov, Blair, Robert (Federal), RBlair@doc.gov, Overbaugh, Melinda (Federal) : MOverbaugh@doc.gov, Furgione, Laura : laura.furgione@census.gov, Burris, Meghan (Federal) : MBurris@doc.gov, Bahar, Mojdeh : mojdeh.bahar@nist.gov, b(6) : b(6), Rzendzian, Kelly (Federal) :



A friendly reminder to please ensure your line is on mute unless you need to speak.

Thank you!

\*\*\*

Dial in:

**b(6)**

Participant Passcode

**b(6)**

**Start Time:** 2020-09-03T13:00:00Z

**End Time:** 2020-09-03T14:00:00Z

A friendly reminder to please ensure your line is on mute unless you need to speak.  
Thank you!  
\*\*\*

Dial in:  

**b(6)**

Participant Passcode

**b(6)**

**Organizer:** Kelley, Karen (Federal) : KKelley@doc.gov

**Subject:** DOC Bureau Leadership

**Location:** b(6)

**Start Time:** 2020-09-02T11:00:00-04:00

**End Time:** 2020-09-02T11:45:00-04:00

**Attendees:** Burris, Meghan (Federal) : MBurris@doc.gov, Byrd, David (Federal) : DByrd@mbda.gov, Dillingham, Steven, steven.dillingham@census.gov, Brebbia, Sean (Federal) : SBrebbia@doc.gov, Blair, Robert (Federal), RBlair@doc.gov, Semsar, Joseph : Joseph.Semsar@trade.gov, Gartzke, Dana (Federal) : DGartzke@eda.gov, Gilman, Thomas (Federal) : TGilman@doc.gov, Risko, Daniel (Federal) : DRisko@doc.gov, Oconnell, Kevin (Federal) : kevin.oconnell@noaa.gov, Hull, Cordell : invalid:nomail, lancu, Andrei, Andrei.lancu@USPTO.GOV, Copan, Walter : walter.copan@nist.gov, Jacobs, Neil (Federal) : neil.jacobs@noaa.gov, Candeub, Adam : acandeub@ntia.gov, Walsh, Michael (Federal) : MWalsh@doc.gov, McLean, Sean (Federal), SMcLean@doc.gov, Olson, Stephanie (Federal) : SOlson@doc.gov, Foti, Anthony (Federal), AFoti@doc.gov, Bland, Simon (Federal) : SBland@doc.gov, LaBruna, Anthony (Federal) : ALaBruna@doc.gov, Martin, Nicole (Federal) : NMartin1@doc.gov, Paranzino, Anthony (Federal) : AParanzino@doc.gov, Ramdat, Grace : Grace.Ramdat@USPTO.GOV, Luce, John (Federal) : john.luce@noaa.gov, Preskenis, Kevin (Federal) : KPreskenis@doc.gov, Pelter, Jeremy : invalid:nomail, Sun, Ryan (Federal), RSun@mbda.gov, Boney, Virginia (Federal) : VBoney@doc.gov, Goudarzi, Talat (Federal) : TGoudarzi@doc.gov, Simms, Pat (Federal) : Pat.A.Simms@noaa.gov, Meredith, Ethan (Federal) : EMeredith@doc.gov, Keller, Catherine (Federal) : CKeller@doc.gov, Johnston, Dane (Federal) : DJohnston@doc.gov, Reid, Sloane (Federal) : SReid@doc.gov, NCO/OSC Conference Line :  
b(6)

Dial in:  
b(6)

Participant code b(6)

Leader code b(6)

**Start Time:** 2020-09-03T13:30:00Z

**End Time:** 2020-09-03T14:00:00Z

Dial in:  
**b(6)**

Participant code **b(6)**

Leader code: **b(6)**

**Organizer:** Kelley, Karen (Federal) : KKelley@doc.gov

**Subject:** Prep Call

**Location:** b(6)

**Start Time:** 2020-09-03T08:45:00-04:00

**End Time:** 2020-09-03T09:00:00-04:00

**Attendees:** Walsh, Michael (Federal) : MWalsh@doc.gov, Blair, Robert (Federal) : RBlair@doc.gov, Preskenis, Kevin (Federal), KPreskenis@doc.gov, Lane, Jennifer (Federal) : JLane@doc.gov, Schnare, Nicholas (Federal) : NSchnare1@doc.gov, Kornegay, Nick (Federal) : NKornegay@doc.gov, Brebbia, Sean (Federal) : SBrebbia@doc.gov, Coggins, Wynn (Federal) : WCoggins@doc.gov, LaBruna, Anthony (Federal) : ALaBruna@doc.gov, Overbaugh, Melinda (Federal) : MOverbaugh@doc.gov, Burris, Meghan (Federal) : MBurris@doc.gov, Paranzino, Anthony (Federal) : AParanzino@doc.gov, Martin, Nicole (Federal) : NMartin1@doc.gov, Guenther, John (Federal) : JGuenther@doc.gov, Risko, Daniel (Federal) : DRisko@doc.gov, Mendes, Andre (Federal) : AMendes@doc.gov, Gilman, Thomas (Federal) : TGilman@doc.gov, Rockas, James (Federal) : JRockas@doc.gov, Costello, John (Federal) : JCostello@doc.gov, Keller, Catherine (Federal) : CKeller@doc.gov, Meredith, Ethan (Federal) : EMeredith@doc.gov, Townsend, Richard (Federal) : RTownsend@doc.gov, Armstrong, Darlene (Federal) : DArmstrong@doc.gov, Foti, Anthony (Federal) : AFoti@doc.gov, Washington, Harold (Federal) : hwashington@doc.gov, Boney, Virginia (Federal) : VBoney@doc.gov, Pollman, Garrett (Federal) : GPollman@doc.gov, Hughes, Lee (Federal) : LHughes@doc.gov, Nowicki, Brian (Federal) : BNowicki@doc.gov, Ambrosini, Vanessa (Federal) : VAmbrosini@doc.gov, Johnston, Dane (Federal) : DJohnston@doc.gov

b(6)

Participant b(6)

**Organizer:** Kelley, Karen (Federal) : KKelley@doc.gov

**Subject:** OPSP Check In

**Location:**

**b(6)**

**Start Time:** 2020-09-01T16:30:00-04:00

**End Time:** 2020-09-01T17:00:00-04:00

**Attendees:** Boney, Virginia (Federal) : VBoney@doc.gov, Risko, Daniel (Federal) : DRisko@doc.gov, Blair, Robert (Federal), RBlair@doc.gov, Walsh, Michael (Federal) : invalid:nomail, Brooke, Beatrice E. (Federal) : BBrooke1@doc.gov

Location:

b(6)

Start Time:

2020-09-03T16:30:00Z

End Time:

2020-09-03T17:00:00Z

**Organizer:** Kelley, Karen (Federal) : KKelley@doc.gov  
**Subject:** Check in  
**Location:** b(6)  
**Start Time:** 2020-09-03T08:00:00-04:00  
**End Time:** 2020-09-03T08:30:00-04:00  
**Attendees:** Dillingham, Steven : steven.dillingham@census.gov, Cogley, Nathaniel : nathaniel.cogley@census.gov, 'benjamin.a.overholt@census.gov', benjamin.a.overholt@census.gov, Risko, Daniel (Federal) : DRisko@doc.gov

b(6)  
P b(6)

L b(6)



Organizer:  
Subject:  
Location:  
Start Time:  
End Time:  
Attendees:

**b(6) & b7(C)**

**b7(E)**

2020-09-03T10:00:00-04:00

2020-09-03T11:00:00-04:00

**b(6) & b7(C)**

**Organizer:** Kelley, Karen (Federal) : KKelley@doc.gov

**Subject:** Census Small Group

**Location:**

**b(6)**

**Start Time:** 2020-09-03T11:00:00-04:00

**End Time:** 2020-09-03T12:00:00-04:00

**Attendees:** Risko, Daniel (Federal) : DRisko@doc.gov, Overholt, Benjamin A : benjamin.a.overholt@census.gov, Abowd, John M, john.maron.abowd@census.gov, Cogley, Nathaniel : nathaniel.cogley@census.gov, Dillingham, Steven, steven.dillingham@census.gov, Jarmin, Ron S : ron.s.jarmin@census.gov, Lamas, Enrique : enrique.lamas@census.gov, Walsh, Michael (Federal) : MWalsh@doc.gov, Velkoff, Victoria A : victoria.a.velkoff@census.gov, Mathur, Anup : anup.mathur@census.gov, Schedule, Secretary's : 

**b(6)**

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**Subject:** PC  
**Location:** WH  
**Start Time:** 2020-09-03T16:30:00-04:00  
**End Time:** 2020-09-03T17:30:00-04:00

**Subject:** Drive to WH  
**Location:** HCHB to WH  
**Start Time:** 2020-09-03T16:00:00-04:00  
**End Time:** 2020-09-03T16:30:00-04:00

**Subject:** Drive to HCHB  
**Location:** WH to HCHB  
**Start Time:** 2020-09-03T17:30:00-04:00  
**End Time:** 2020-09-03T18:00:00-04:00

Organizer:  
Subject:  
Location:  
Start Time:  
End Time:  
Attendees:

b(6) & b7(C)

b7(E)

2020-09-03T14:00:00-04:00

2020-09-03T15:00:00-04:00

b(6) & b7(C)

## Bureau Leadership Meeting

September 3, 2020

9:30am – 10:00am

b(6)

### Agenda:

1. Budget Update – Mike Phelps
2. Around the Horn
  - Invitees:
    - i. NIST – Walt Copan
    - ii. USPTO – Andrei Iancu
    - iii. NOAA – Neil Jacobs
    - iv. MBDA – David Byrd
    - v. CENSUS – Steve Dillingham
    - vi. BIS – Cordell Hull
    - vii. ITA – Joe Semsar
    - viii. EDA – Dana Gartzke
    - ix. NTIA – Adam Candeub
    - x. Space Commerce – Kevin O’Connell
    - xi. CFO/ASA – Tom Gilman, Kevin Preskenis
    - xii. OS – Mike Walsh
    - xiii. OGC – Stephanie Olson
    - xiv. OPA – Meghan Burris
    - xv. OWHL – Anthony LaBruna
    - xvi. OPSP – Rob Blair
    - xvii. OSP – Sean Brebbia
    - xviii. OBL – Simon Bland
    - xix. OLIA – Anthony Foti

**Weekly Political Appointees Meeting**

Thursday, September 3, 2020

8:30-8:45am

**b(6)**

**Agenda:**

- 1) **FirstNet Update**– Jim Medica
- 2) **WHL Update** – Anthony LaBruna

DRAFT



**From:** Risko, Daniel (Federal)  
**To:** Martin, Nicole (Federal)  
**Cc:** Brooke, Beatrice E. (Federal)  
**Subject:** Fwd: [REDACTED]

b(4)

**Date:** Wednesday, September 2, 2020 1:57:42 PM  
**Attachments:** [image001.png](#)

Can you PDF and include in her book for tonight?

Dan Risko  
Chief of Staff  
Office of the Deputy Secretary  
United States Department of Commerce  
[202-482-6010](tel:202-482-6010) (o) [REDACTED] (c)  
[drisko@doc.gov](mailto:drisko@doc.gov)

Begin forwarded message:

**From:** Jose Cunningham <[Jose.Cunningham@trade.gov](mailto:Jose.Cunningham@trade.gov)>  
**Date:** September 2, 2020 at 12:06:15 PM EDT  
**To:** "Semsar, Joseph" <[Joseph.Semsar@trade.gov](mailto:Joseph.Semsar@trade.gov)>, "Farrell, Diane" <[Diane.Farrell@trade.gov](mailto:Diane.Farrell@trade.gov)>, "Steff, Ian" <[Ian.Steff@trade.gov](mailto:Ian.Steff@trade.gov)>, "Tasharski, Dale" <[Dale.Tasharski@trade.gov](mailto:Dale.Tasharski@trade.gov)>, "Kalbaugh, Greg" <[Greg.Kalbaugh@trade.gov](mailto:Greg.Kalbaugh@trade.gov)>, "Rockas, James (Federal)" <[JRockas@doc.gov](mailto:JRockas@doc.gov)>, "Kluttz, Lawson" <[Lawson.Kluttz@trade.gov](mailto:Lawson.Kluttz@trade.gov)>, "Rafiekian, Christine" <[Christine.Rafiekian@trade.gov](mailto:Christine.Rafiekian@trade.gov)>, "Gallatin, Kirt" <[Kirt.Gallatin@trade.gov](mailto:Kirt.Gallatin@trade.gov)>, "Ilagan, Kelly" <[Kelly.Ilagan@trade.gov](mailto:Kelly.Ilagan@trade.gov)>, "Risko, Daniel (Federal)" <[DRisko@doc.gov](mailto:DRisko@doc.gov)>

**Subject:** [REDACTED] b(4)

b(4)

Good afternoon, [REDACTED]

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**b(4)**

**b(4)**

Thank you,

José

José E. V. Cunningham  
Executive Director  
Advocacy Center  
U.S. Department of Commerce  
Office 202.482.5896  
Mobile b(6)  
[Jose.Cunningham@trade.gov](mailto:Jose.Cunningham@trade.gov)

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September 1, 2020

**INFORMATION MEMORANDUM FOR THE DEPUTY SECRETARY**

**THROUGH:** Joseph Semsar, Deputy Under Secretary for International Trade,  
Performing the non-exclusive functions and duties of the  
Under Secretary for International Trade

**FROM:** Dale Tasharski, Deputy Director General

**RE:** Commercial Service Officer Return to Posts in China

**b(5) - DP**

**b(5) - DP**

August 28, 2020

**INFORMATION MEMORANDUM FOR THE DEPUTY SECRETARY**

**THROUGH:** Joseph Semsar, Deputy Under Secretary for International Trade,  
Performing the non-exclusive functions and duties of the Under Secretary  
for International Trade

**FROM:** David DeFalco, DAS Europe, (202) 482-2178

**RE:** Third Session of U.S.-UK Free Trade Agreement (FTA) Negotiations

**b(5) - DP**



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