

# Illinois Century Network

## Policy Committee Meeting Agenda

April 11, 2017  
1:00 p.m.



**ILLINOIS CENTURY NETWORK  
POLICY COMMITTEE  
MEETING AGENDA  
ARIL 11, 2017  
1:00 P.M.**

<b>Item Number</b>		<b>Submitted for</b>	<b>Page Number</b>
1.	Call to Order and Attendance		-
2.	Announcements and Remarks		-
3.	Minutes – January 10, 2017	Action	
4.	E-rate Update	Informational	
5.	K-12 Broadband Initiative	Informational	
6.	Smart State Initiative	Informational	
7.	ICN Events Update	Informational	
8.	Advanced Engineering Task Force Membership	Action	

**Next Meeting**  
July 11, 2017  
Illinois State Library, Springfield  
James R. Thompson Center, Chicago

**ILLINOIS CENTURY NETWORK  
JANUARY 10, 2017 POLICY COMMITTEE MINUTES**

**Submitted for:** Action

**Summary:** Distribution of the January 10, 2017 minutes for review by the Policy Committee.

**Action Requested:** Adoption of the January 10, 2017 minutes.

**Recommended Motion:** *The ICN Policy Committee adopts the January 10, 2017 minutes with any edits as noted.*

**ILLINOIS CENTURY NETWORK  
JANUARY 10, 2017 POLICY COMMITTEE MINUTES**

Michael Dickson called the meeting to order at 1:00 p.m. on behalf of Chairman Bhatt who was unable to attend.

**Members Present (Springfield):**

David Antonacci, Board of Higher Education	Michael Dickson
Lori Sorenson, Central Management Services	Todd Jorns, Illinois Community College Board
Erich Schroeder, Illinois State Museum	Brent Engelman, State Board of Education

**Members on Audio Bridge:**

Chet Olson	Tom Steele
------------	------------

**Members Absent:**

Hardik Bhatt, Department of Innovation & Technology	Greg McCormick, Illinois State Library
---	--

**Staff and Guests:**

Essam El-Beik, Department of Innovation & Technology	Tom Oseland, Department of Innovation & Technology
Val Bolinger, Department of Innovation & Technology	Carla Poani, AT&T
John Leonard, Department of Innovation & Technology	

**Announcements and Remarks**

Michael Dickson welcomed board members and guests on behalf of Chairman Bhatt who was unable to attend.

**Minutes – January 10, 2017**

Michael Dickson introduced the first item on the agenda, approval of the minutes from the January 10, 2017 meeting. A motion was made by Todd Jorns to accept the minutes. The motion was seconded by Brent Engleman. The motion carried.

**E-rate Update**

Tom Oseland provided the E-rate update and referred members to pages 7 of the meeting packet. A total of \$1,065,560.18 was received by the ICN and its customers for supported services during the E-rate 2015-16 funding year. A total of \$708,614.13 was collected for invoice discounts given to ICN customers throughout the year. Seventy-six ICN customers claimed a total of \$356,946.05 in direct reimbursements for supported funding discounts after having paid for ICN services in full throughout the funding year. Reimbursement activity has essentially been completed for the 2015 funding year. USAC slowly continues its review of 2016-17 applications. There are 333 applications that list ICN as the service provider for Internet access. So far this year, 300 of these applications have been approved for funding with a total of almost \$1.8 million in E-rate funding support committed. Twenty-nine applications remain in various stages of review. In addition, a total of \$2,226.00 has been collected by ICN customers so far this year. Claim activity has been drastically hindered by the slow review of applications by USAC.

**K-12 Broadband Initiative**

Essam El-Beik provided update. The State of Illinois continues to work with EducationSuperHighway (ESH) to expand K-12 Broadband and Digital Learning throughout Illinois. His report highlighted key activities of the working group over the past three months including the second National Governors Association policy academy was held on October 17-19, 2016 in Denver Colorado. A service provider meeting was held December 9<sup>th</sup> to explain the Illinois Classroom Connectivity Initiative. ESH hosted three webinars in December

on the Compare and Connect K-12 tool used to facilitate bandwidth upgrades. ESH working one-on-one with 38 districts to bid and procure a fiber based broadband connection and will assist more districts in the near future.

**DoIT/ICN Services**

Lori Sorenson and Robin Woodsome provided report. The ICN Services team has been working on developing new services and updating existing services with a goal of introducing changes for Fiscal Year 2018.

**Adjourn**

Brent Engelman moved to adjourn the meeting. Todd Jorns seconded the motion. Motion passed and meeting adjourned at 1:55 p.m. The next meeting will be April 11, 2017 at the Illinois State Library in Springfield, the JRTC in Chicago or Webex.

**ILLINOIS CENTURY NETWORK  
E-RATE UPDATE**

**Submitted for:** Informational

**Summary:** This item provides an update on ICN E-rate funding requests.

**Action Requested:** None

**Recommended Motion:** *None*

**ILLINOIS CENTURY NETWORK  
E-RATE UPDATE**

ICN customers continue to file their remaining reimbursement claims for the 2015-16 funding year. To date, a total of \$1,145,086.21 has been received by the ICN and its customers for supported services during the E-rate 2015-16 funding year. A total of \$708,614.13 was collected for invoice discounts given to ICN customers throughout the year. Additionally, 100 ICN customers have claimed a total of \$436,472.08 in direct reimbursements for supported funding discounts after having paid for ICN services in full throughout the funding year. There are 333 applications that list ICN as the service provider for Internet access for the 2016-17 E-rate funding year. As of this writing, 322 of these applications have been approved for funding with a total of over \$2.5 million in E-rate funding support committed. USAC continues to review applications that have not yet received a decision regarding funding.

Additional reimbursement activity has taken place for the 2016-17 funding year. Several new claims were filed for reimbursement of invoice discounts given to ICN customers. A total of \$475,134.86 has been collected from these claims through December 2016. In addition, to date, a total of \$23,717.14 has been collected by ICN customers so far for the 2016-17 funding year. The application window for the 2017-18 E-rate funding year officially opened on February 27, 2017 and will close on May 11, 2017. ICN E-rate customers continue the process of completing and submitting their FCC Form 470 requests for services for the 2017-18 E-rate funding year and then filing their E-rate Form 471 application. ICN staff has been actively responding to the Form 470 postings with price quotes for requested services. There are 28 applications that have already been submitted that list ICN as the Internet access service provider. The total funding requested for those applications is a little over \$218,000.

The chart below summarizes activity for the ICN as a service provider in the E-rate program beginning with the 2013 funding year; the first year in which ICN participated as an Internet service provider.

\*Service Provider Activity

Funding Year	Total apps listing ICN	Total apps approved for funding (to date)	Total E-rate dollar amount approved (to date)	Total dollar amount claimed for support (to date)
Year 16 (2013)	117	107	\$823,699	\$261,086
Year 17 (2014)	162	151	\$1,273,953	\$595,758
Year 18 (2015)	368	356	\$2,405,595	\$1,145,086
Year 19 (2016)	333	322	\$2,528,592	\$498,852
Year 20 (2017)	28	N/A	-0-	-0-
<b>Totals</b>	<b>N/A</b>	<b>N/A</b>	<b>\$7,031,839</b>	<b>\$2,500,782</b>

The chart below summarizes ICN E-rate application history for each funding year up to 2012.

Funding Year	Received	Funding Year	Received
Year 3 (2000)	\$2,137,765	Year 10 (2007)	\$953,998
Year 4 (2001)	\$2,522,559	Year 11 (2008)	\$799,251
Year 5 (2002)	\$4,996,227	Year 12 (2009)	\$1,339,032
Year 6 (2003)	\$4,644,171	Year 13 (2010)	\$2,982,199
Year 7 (2004)	\$2,497,427	Year 14 (2011)	\$2,561,151
Year 8 (2005)	\$2,424,567	Year 15 (2012)	\$2,520,377
Year 9 (2006)	\$982,392	<b>Totals \$31,361,116</b>	

**ILLINOIS CENTURY NETWORK  
K-12 BROADBAND INITIATIVE**

**Submitted for:** Informational

**Summary:** This item provides an update on the K-12 Broadband Initiative program.

**Action Requested:** None

**Recommended Motion:** *None*



## ILLINOIS CENTURY NETWORK K12 BROADBAND INITIATIVE

The State of Illinois continues to work with Education SuperHighway (ESH) to expand K-12 Broadband and Digital Learning throughout Illinois. Key activities of the working group over the past 3 months include:

- ESH released a [State of the States report](#) in January highlighting the progress of Illinois and other states.
- Governor Rauner followed up with a [press release](#) showing improvement in number of Illinois school districts meeting minimum connectivity goals.
- ESH/LTC's provided data points and information to ISBE and Governor budget office regarding the state matching fund, and has started to engage the legislature.
- In February ISBE issued a Notice of Funding Opportunity/Request for Proposal for state matching grants for E-rate special construction projects. The project period is July 1<sup>st</sup> 2017 to June 30<sup>th</sup> 2018 and is contingent on state appropriation. The appropriation will not exceed \$5M and will help school districts cover the non-discount portion of project costs for E-rate special construction projects.
- ESH attended the Leadership Alliance Summit on February 21, 2017 as part of the Vision 20/20 initiative, providing over 500 board members, administrators, and school leaders with an Illinois State Match One Pager.
- ESH/LTCs have worked with over 30 districts interested in fiber upgrades in 2017, and have conducted outreach to dozens of others who are still below the 100 kbps/student minimum connectivity goal.

**ILLINOIS CENTURY NETWORK  
SMART STATE INITIATIVE**

**Submitted for:** Informational

**Summary:** This item provides an update on the Smart State Initiative.

**Action Requested:** None

**Recommended Motion:** *None*

**ILLINOIS CENTURY NETWORK  
SMART STATE INITIATIVE**

Following the Smart State workshop in December, 9 Smart State initiatives have been identified with corresponding leads. These initiatives are:

1. Build Environment and IOT
  - a. Smart Buildings
  - b. Smart Highways/Transportation
  - c. Connected Public Safety
  - d. Fleet management
  - e. Smart Streetlights
2. Business Platform
3. Shared Management & Technology Platform
4. State Assets/Resource Use: Future Ready
5. Master Contracts
6. Mobile eGov
7. Smart State Leadership in the Digital Age
8. Smart State Model
9. Policy

A kick off meeting was held on April 4<sup>th</sup>. The first deliverables are 75 day plans for each initiative. Some of the initiatives were started last year and have made significant progress. For example, with Smart Street Lights, the Department of Innovation & Technology (DoIT), in conjunction with Central Management Services (CMS), released a request for companies to bid on a statewide master contract for smart street lighting. This will allow local governments, both large and small, to benefit from a statewide contract and capitalize on the cost savings and scalability of LED street lighting. The smart street light infrastructure will also provide the foundation for implementation of value add services and applications. Responses are due April 13<sup>th</sup>. There has been significant interest as seen by the questions received, and published at the Illinois Procurement Bulletin.

**ICN EVENTS & MARKETING UPDATE**

**Submitted for:** Informational

**Summary:** This item provides an update on ICN Events and Marketing.

**Action Requested:** None

**Recommended Motion:** *None*

## **ILLINOIS CENTURY NETWORK ICN EVENTS UPDATE**

### **ICE Conference 2017 Wrap-up - February 28<sup>th</sup> through March 3<sup>rd</sup>**

With attendance of nearly 4,000 individuals, this year's Illinois Computing Educators (ICE) Conference was one of the largest since its inception 20 years ago. The ICN, was happy to be a Platinum partner of ICE 2017 by providing the Internet/Bandwidth service. Special thanks to AT&T who provided the 1Gbps transport over their MetroEthernet ASE.

The opening ceremony included some great keynote speakers including Eric Sheninger with the International Center for Leadership in Education (ICLE) and Joe Sanfelippo, the Superintendent of the Fall Creek School District. The agenda included numerous technology topics and practical workshops and breakout sessions that focused on certain technologies or projects.

ICN staff from our Regional Technology Centers and Network Team were in attendance. Network Operations Supervisor, Andre Bouravnev provided information on how to keep a school safe from a DDoS attack. Attendees had the opportunity to view a live simulation of a DDoS threat. ICN Staff shared information on our new bundled service option which includes transport and Internet access where available. Over 1000 informational handouts and various marketing materials/products were dispersed to attendees.

### **Conferences & Speaking Opportunities**

Conferences offers a rare opportunity to talk face-to face with active and dedicated members from a specific customer group (i.e. education, local governments, healthcare, etc.). We will continue to actively leverage speaking opportunities, participate in exhibits, and partner with businesses/organizations.

### **2017 Scheduled Conferences/Events:**

- Illinois Computing Educators (ICE) Conference: 02/28 – 03/03 (K-12)
- TECH 2017: 05/12 (K-12)
- Illinois Municipal Leagues (IML) Conference: 09/21 – 09/23 (Local Governments)
- Illinois Library Association (ILA Conference: 10/10 – 10/12 (Libraries)
- Illinois Digital Summit: 11/2 – 11/3 (Local Governments)
- GMIS-GIANTS Conference: 11/5 – 11/8 (Local Governments)
- Illinois Education & Technology Conference: 11/15/ - 11/17 (K-12)



LEARN  
DO  
ITERATE

ICE Conference 2017




**ILLINOIS CENTURY NETWORK  
ADVANCED ENGINEERING TASK FORCE MEMBERSHIP**

**Submitted for:** Action

**Summary:** This item seeks renewal of AET members whose terms expire June 30, 2017.

**Action Requested:** That the ICN Policy Committee approves the renewal of the membership appointments that expire June 30, 2017.

**Recommended Motion:** *That the ICN Policy Committee re-appointment Troy Brown and Robert Dulski to three-year terms to expire in June 2020.*

**ILLINOIS CENTURY NETWORK  
ADVANCED ENGINEERING TASK FORCE MEMBERSHIP**

The Advanced Engineering Task Force (AET) serves a critical role in shaping the services, rates and policies for the Illinois Century Network. Membership consists of technical staff representing the diverse community anchor institution categories connected to the network. AET members are appointed by the Policy Committee and serve staggered three year terms which begin on July 1<sup>st</sup>.

Attached is a chart of current members with the expiring terms highlighted.

The AET is seeking reappointment for the following members whose terms expire at the end of June 2017. The new three-year terms would extend through June 2020.

1. Troy Brown, Illinois Heartland Library System
2. Robert Dulski, Zoo's

The AET is not seeking reappointment for the following members whose terms expire at the end of June 2017. These members have not met the minimum attendance requirement to participate in at least 2 or 4 meetings each year.

1. Brian Murphy, Eastern Illinois University
2. Anita Nikolich, National Science Foundation

The staff recommends adoption of the following motion:

*The ICN Policy Committee re-appoints Troy Brown and Robert Dulski to three-year terms to expire June 30, 2020.*



**ILLINOIS CENTURY NETWORK  
ADVANCED ENGINEERING TASK FORCE MEMBER MATRIX FY 2017**

<b>K-12 Schools</b>	<b>Community Colleges</b>	<b>Universities</b>	<b>Libraries</b>	<b>Museums</b>	<b>Other Institutions</b>	<b>Units of Local Government</b>
Jim Flanagan IL Chief Technology Officers (2018)	*Comm. College Pres. Tech. Counsel Amin Kassem	Michael Shelton SIU (2018)	Andrew Bullen Illinois State Library (2019)	Robert Dulski Zoos (2017)	Anita Nikolich National Science Foundation (2017)	Glen Trommels City of Rockford (2018)
Mindy Fiscus LTC #6 (2019)	Rich Kulig COD (2018)	Mike Dickson (2019)	Brandon Gant CARLI (2018)			
Matthew Pennell ROE #20 (2019)	RJ McGarry Kishwaukee Comm. College (2018)	Joe Mambretti Northwestern University (2018)	Troy Brown Illinois Heartland Library System (2017)			
Tom Donovan Aptakisik-Tripp SD (2019)	Raj Siddaraju Spoon River College (2018)	Tracy Smith UIUC (2019)				
Shannon Smith Tuscola CUSD (2019)		Brian Murphy EIU (2017)				
		Herb Kuryliw NIU (2018)				

\*Standing Board Position

**ILLINOIS CENTURY NETWORK  
ADVANCED ENGINEERING TASK FORCE MEMBERSHIP ATTENDANCE**

<b>Member</b>	<b>1/15/2016</b>	<b>3/18/2016</b>	<b>5/20/2016</b>	<b>09/16/2016</b>	<b>1/06/2017</b>
Jim Flanagan, Chair	X	X	X	X	X
Troy Brown		X	X	X	X
Andrew Bullen	X	X	X	X	X
Mike Dickson	X	X	X	X	X
*Tom Donovan			X guest	X	X
Robert Dulski	X	X	X	X	X
Brandon Gant		X	X		X
*Mindy Fiscus			X guest	X	X
Amin Kassem	X	X	X **Doug Brooks	X	X **Doug Brooks
Rich Kulig	X	X	X	X	X
Herb Kuryliw	X				
Joe Mambretti	X	X	X		
RJ McGarry		X	X		X
Brian Murphy	X				
Anita Nikolich					
*Matthew Pennell				X	X
Mike Shelton			X	X	X
Raj Siddaraju		X			X
*Shannon Smith				X	X
Tracy Smith	X	X	X		
Glen Trommels			X	X	X

\*New Board Members – July 1, 2016

\*\*Alternate