Run 15, Time Meeting

24 Mar 2015

Agenda:

• Take 5 for safety	P. Cirnigliaro
• Schedule	P. Pile
• Linac Status	D. Raparia
• AGS Status	H. Huang
• Cryo Status	R. Than
• RHIC Status	V. Schoefer
• STAR Status	O. Eyser
• PHENIX Status	D. Fields
• RHIC Polarimeter	W. Schmidke
• Jet Target	Y. Makdisi
• RCF	M. Ernst
• APEX	Y. Luo
• NSRL	A. Rusek
• BLIP	P. Pile
• Operations	P. Ingrassia
• Maintenance	P. Sampson
• Other	

Run 15 plan based on 22 weeks cryo operation

and Fischer et.al. RHIC Collider Projections (FY 2013 – FY 2022), 21 Sep 2014

- 20 Jan, Begin cool-down to 4.5K
- 21 Jan (morning), Blue cold
- 22 Jan (evening), Yellow cold
- 23 Jan (after midnight), Beam in Blue
- 7 Feb, First overnight stores for experiments
- 10 Feb (3 days early) store 18662, Begin 9 week **√s=200 GeV pp** physics run

- ***14-17 Mar, Power Dip downtime***
- ***today, 24 Mar…***

STAR has requested a 2 week extension to pp run

- 17 April (Fri), End 9 week √s=200 GeV pp physics run – ***note this is a Friday!***

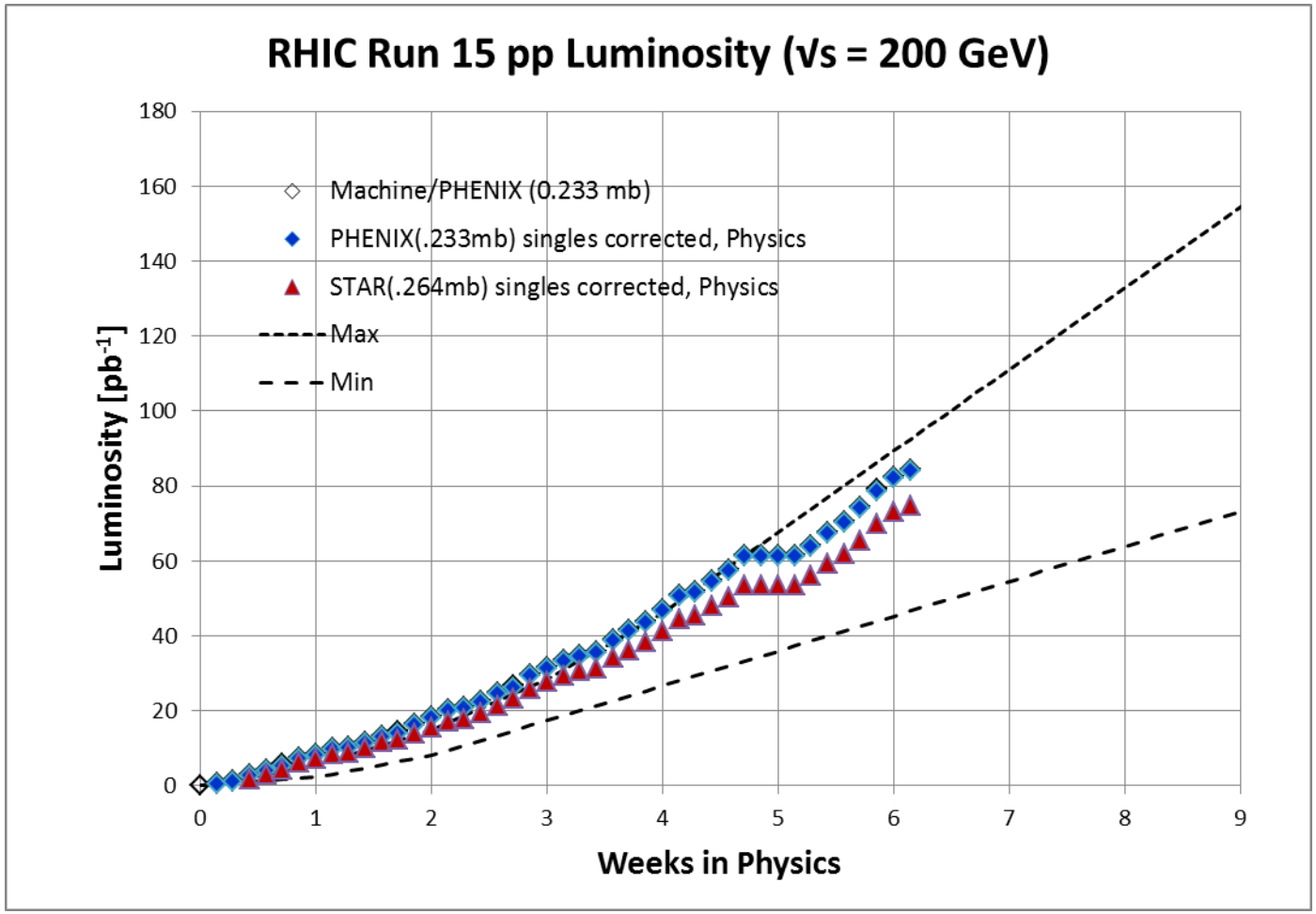
- 28 April (Tue), Begin 5 week **√s=200 GeV/n pAu** physics run
- 2 June (Tue), End 5 week √s=200 GeV/n pAu physics run

- 5 June (Fri), Begin 2 week **√s=200 GeV/n pAl** physics run
- 19 June (Fri), End 2 week √s=200 GeV/n pAl physics run

- 19 June (Fri), begin cryo warm-up
- 23 June, cryo warm-up complete, ***22.0 cryo weeks*** of operation

See http://www.rhichome.bnl.gov/AP/Spin2015/ for the Run Coordinator's detailed plan

Thru fill 18804, 24 Mar – with updated cross sections



http://www.bnl.gov/cad/esfd

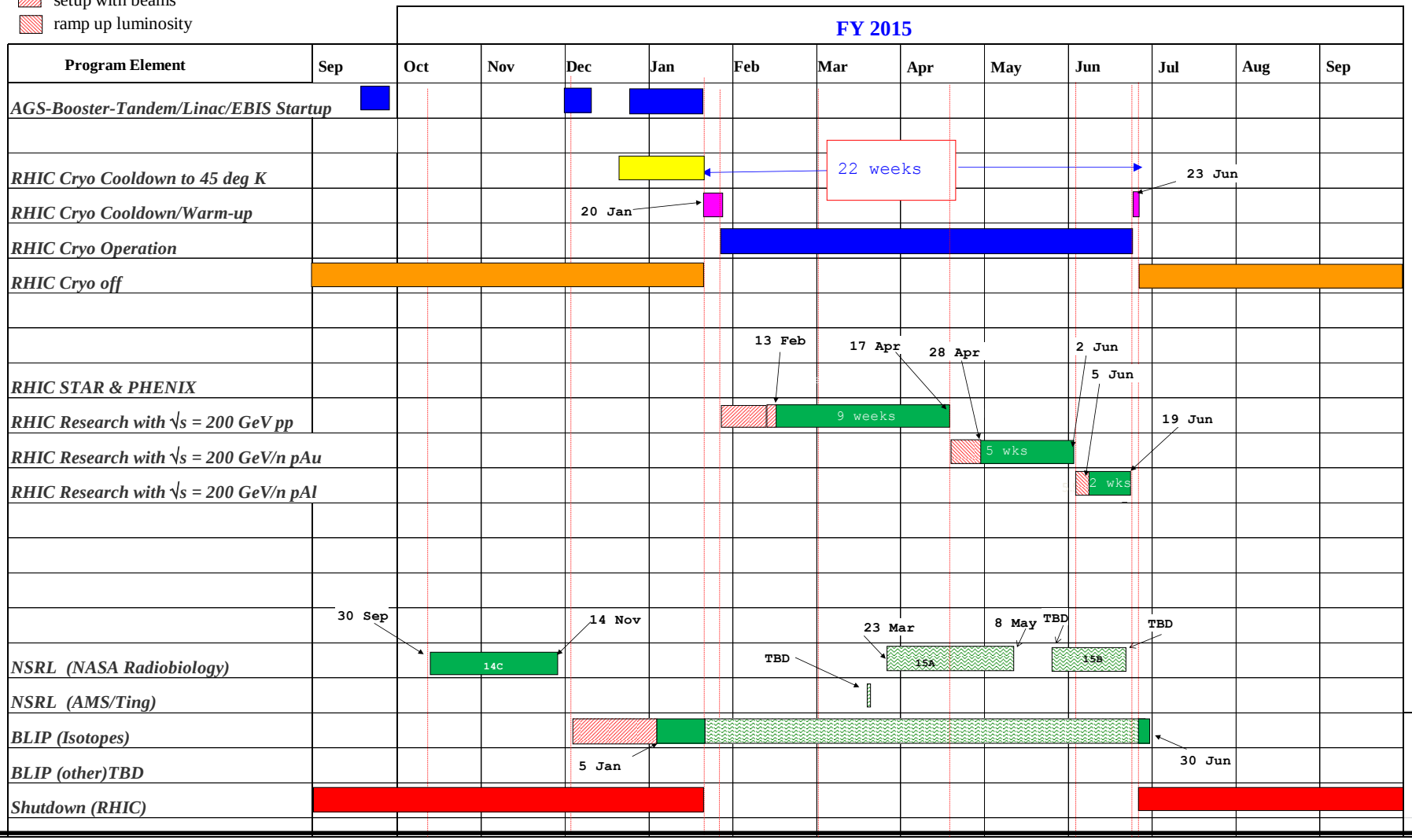
Scheduling Physicist: Makdisi/Pile

C-A Operations-FY15

8 Jan 15

Plan, subject to change

concurrent with RHIC
setup with beams
ramp up luminosity



Archive

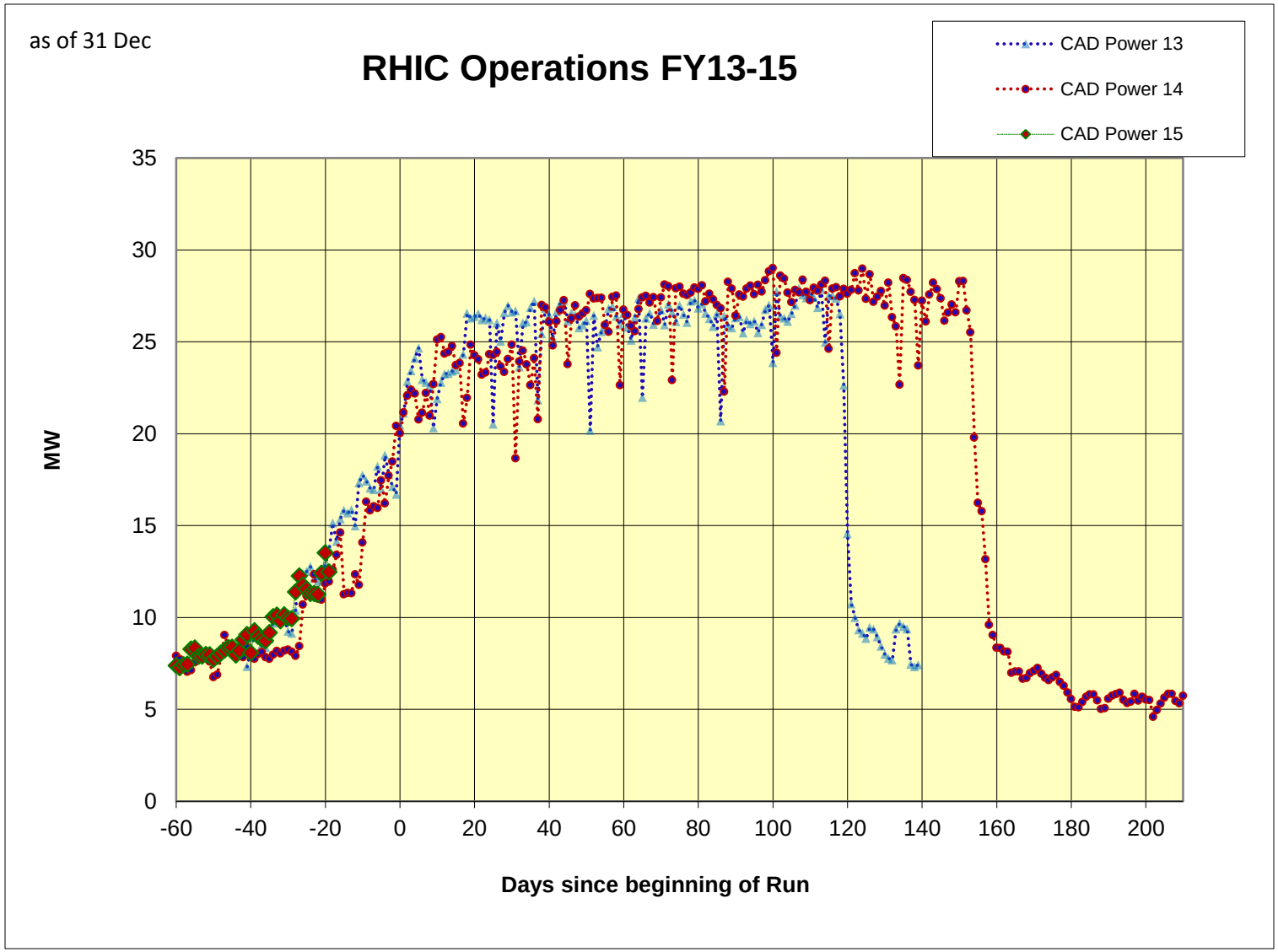
Who's Who for 2015

RHIC 100 x 100 GeV polarized protons:
Run Coordinator: Vincent Schoefer, schoefer@bnl.gov , 631-344-8453 (office)

RHIC 100 x 100 GeV/n polarized protons on gold and polarized protons on aluminum:
Run Coordinator: Chuyu Liu, cliu1@bnl.gov , 631-344-4431 (office)

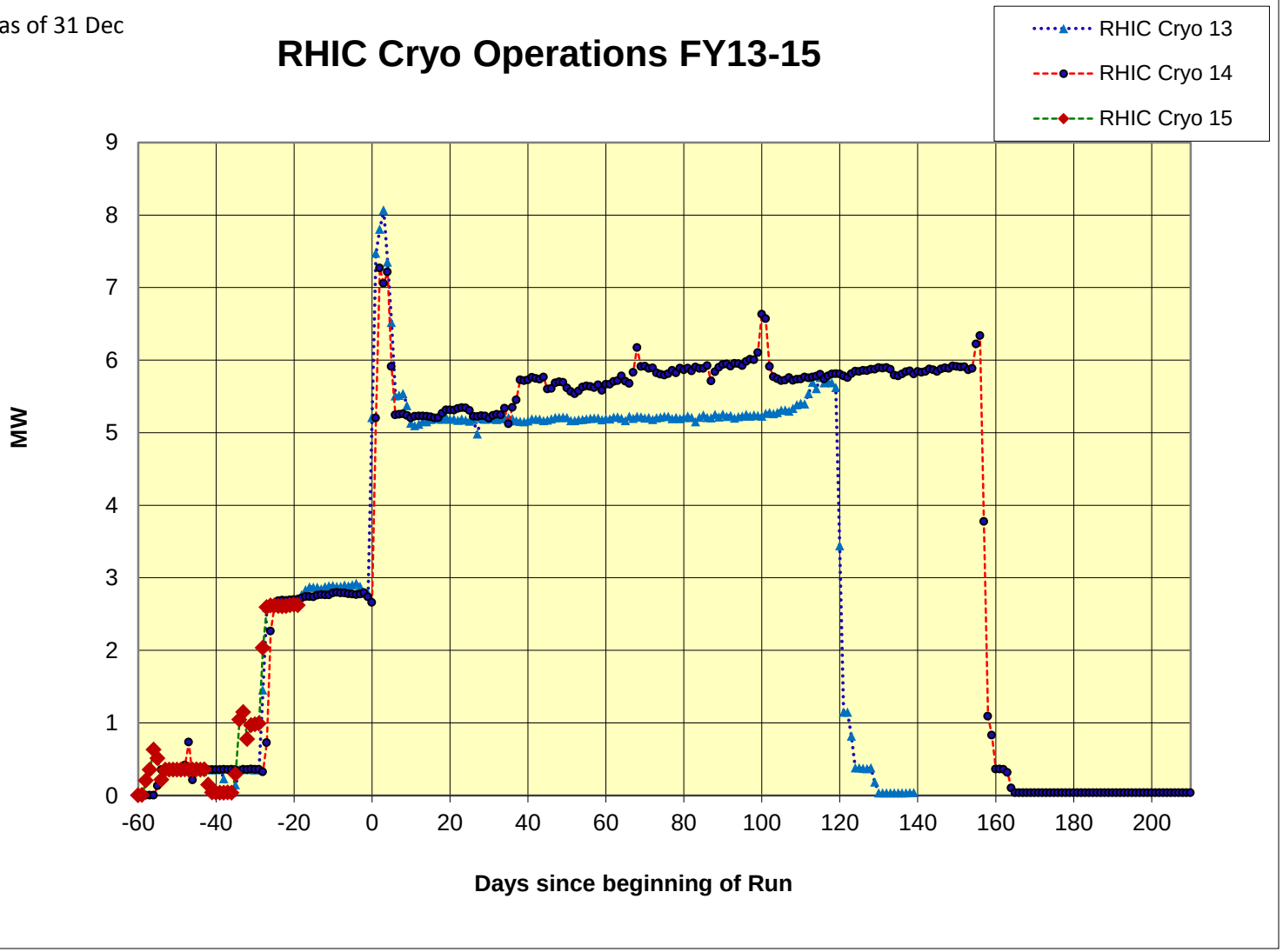
Scheduling Physicists:
Yousef Makdisi, makdisi@bnl.gov, 631-344-4932(office) 631-603-9688 (cell)
Phil Pile, pile@bnl.gov, 631-344-4643 (office), 631-834-2005 (cell)

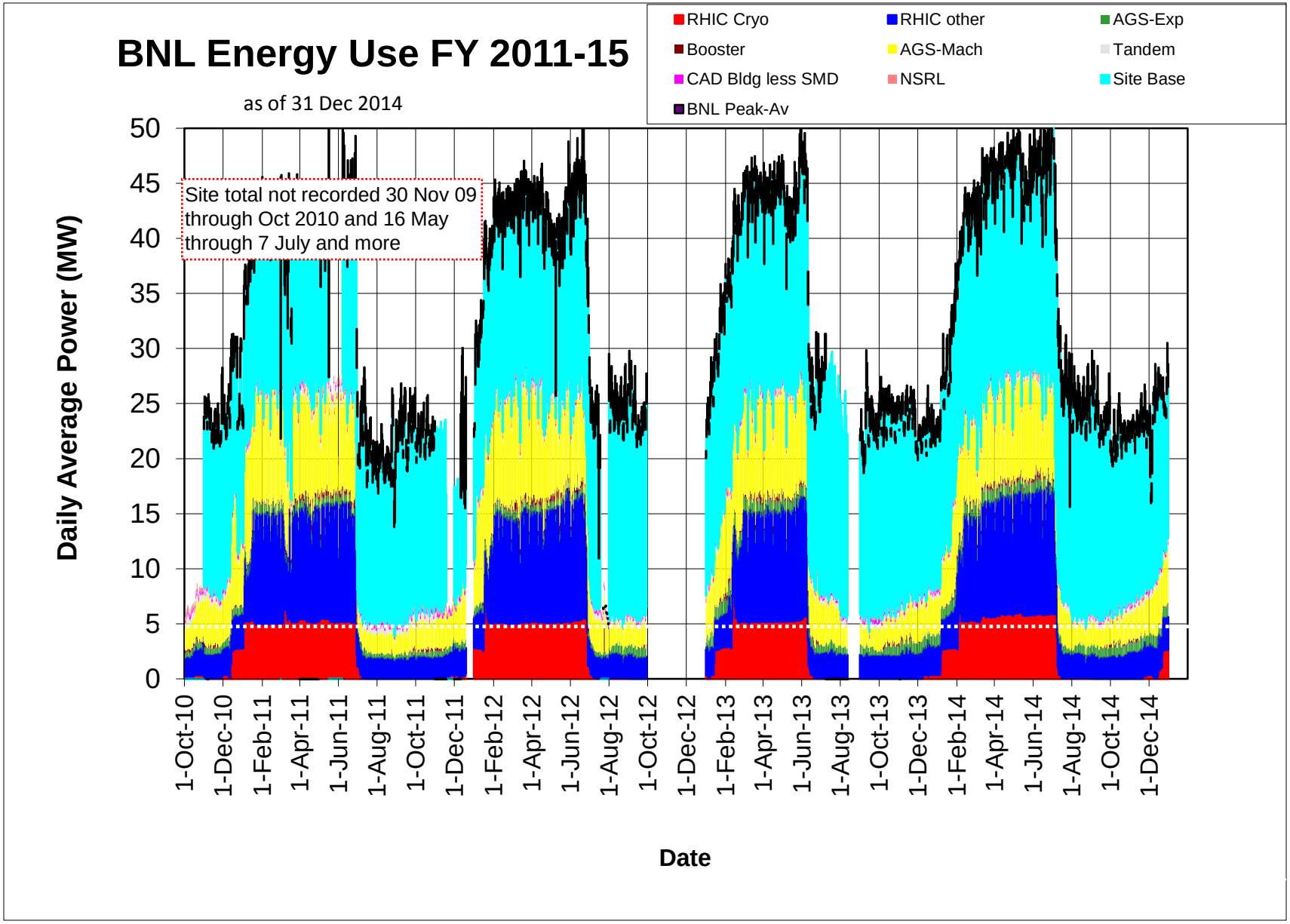
AGS Liaison:
Haixin Huang, huanghai@bnl.gov , 631-344-5446 (office)


as of 31 Dec
RHIC Operations FY13-15
CAD Power 13
CAD Power 14
CAD Power 15
MW
35
30
25
20
15
10
5
0
-60
-40
-20
0
20
40
60
80
100
120
140
160
180
200
Days since beginning of Run

as of 31 Dec

RHIC Cryo Operations FY13-15




BNL Energy Use FY 2011-15
as of 31 Dec 2014
RHIC Cryo
RHIC other
AGS-Exp
Booster
AGS-Mach
Tandem
CAD Bldg less SMD
NSRL
Site Base
BNL Peak-Av
Site total not recorded 30 Nov 09 through Oct 2010 and 16 May through 7 July and more
Daily Average Power (MW)
0
5
10
15
20
25
30
35
40
45
50
1-Oct-10
1-Dec-10
1-Feb-11
1-Apr-11
1-Jun-11
1-Aug-11
1-Oct-11
1-Dec-11
1-Feb-12
1-Apr-12
1-Jun-12
1-Aug-12
1-Oct-12
1-Dec-12
1-Feb-13
1-Apr-13
1-Jun-13
1-Aug-13
1-Oct-13
1-Dec-13
1-Feb-14
1-Apr-14
1-Jun-14
1-Aug-14
1-Oct-14
1-Dec-14
Date