Run 15, Time Meeting

7 Apr 2015

Agenda:

• Take 5 for safety	E. Lessard
• Schedule	P. Pile
• Linac Status	D. Raparia
• AGS Status	V. Schoefer
• 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	S. Smith
• Operations	P. Ingrassia
• Maintenance	P. Sampson
• Other	

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

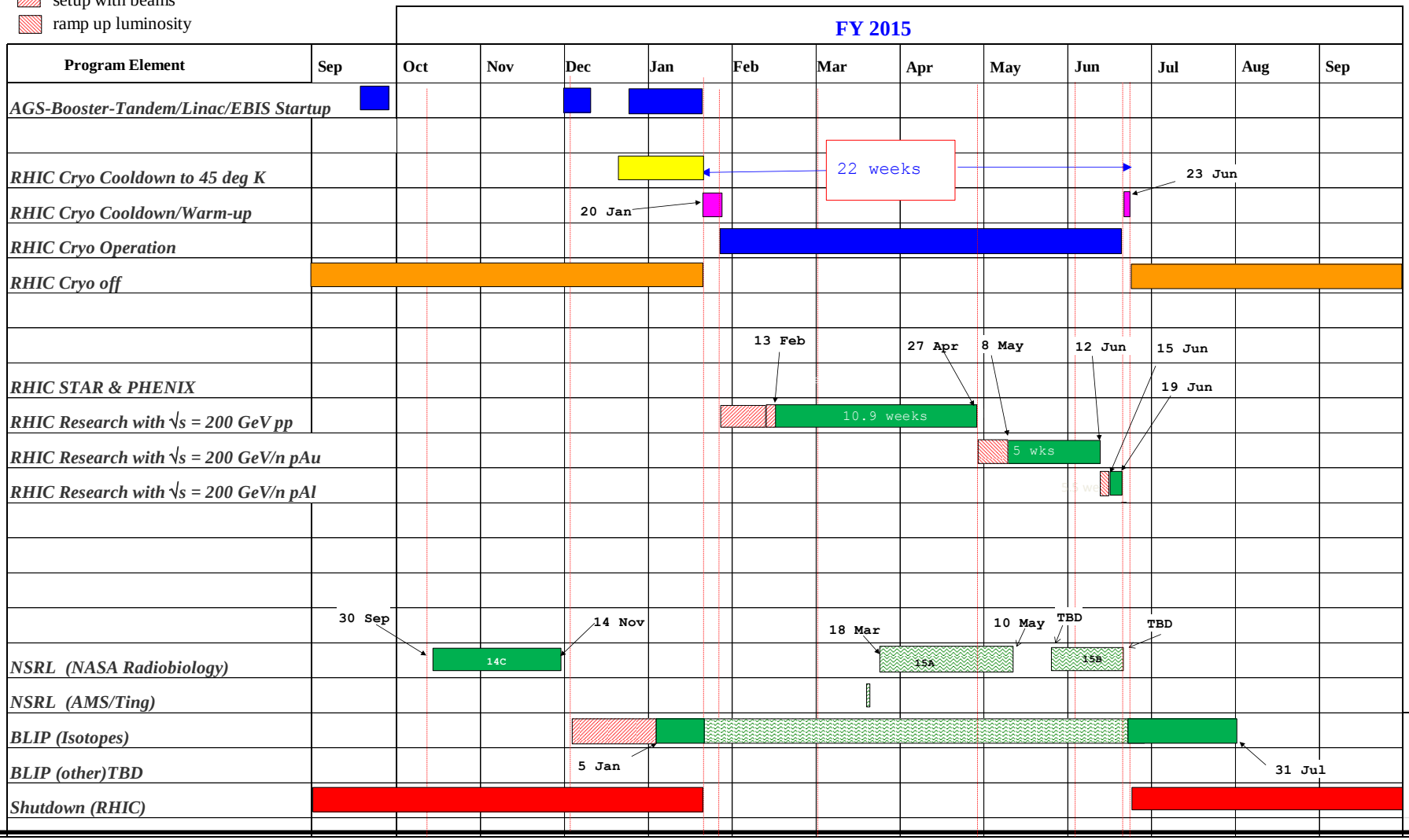
Scheduling Physicist: Makdisi/Pile

C-A Operations-FY15

7 Apr 15

Plan, subject to change

concurrent with RHIC
setup with beams
ramp up luminosity



Run 15 plan based on 22 weeks cryo operation
with 10 day extension of the 100 GeV pp run

- 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, 7 Apr…***

- 27 April (Mon), End 10.9 week √s=200 GeV pp physics run

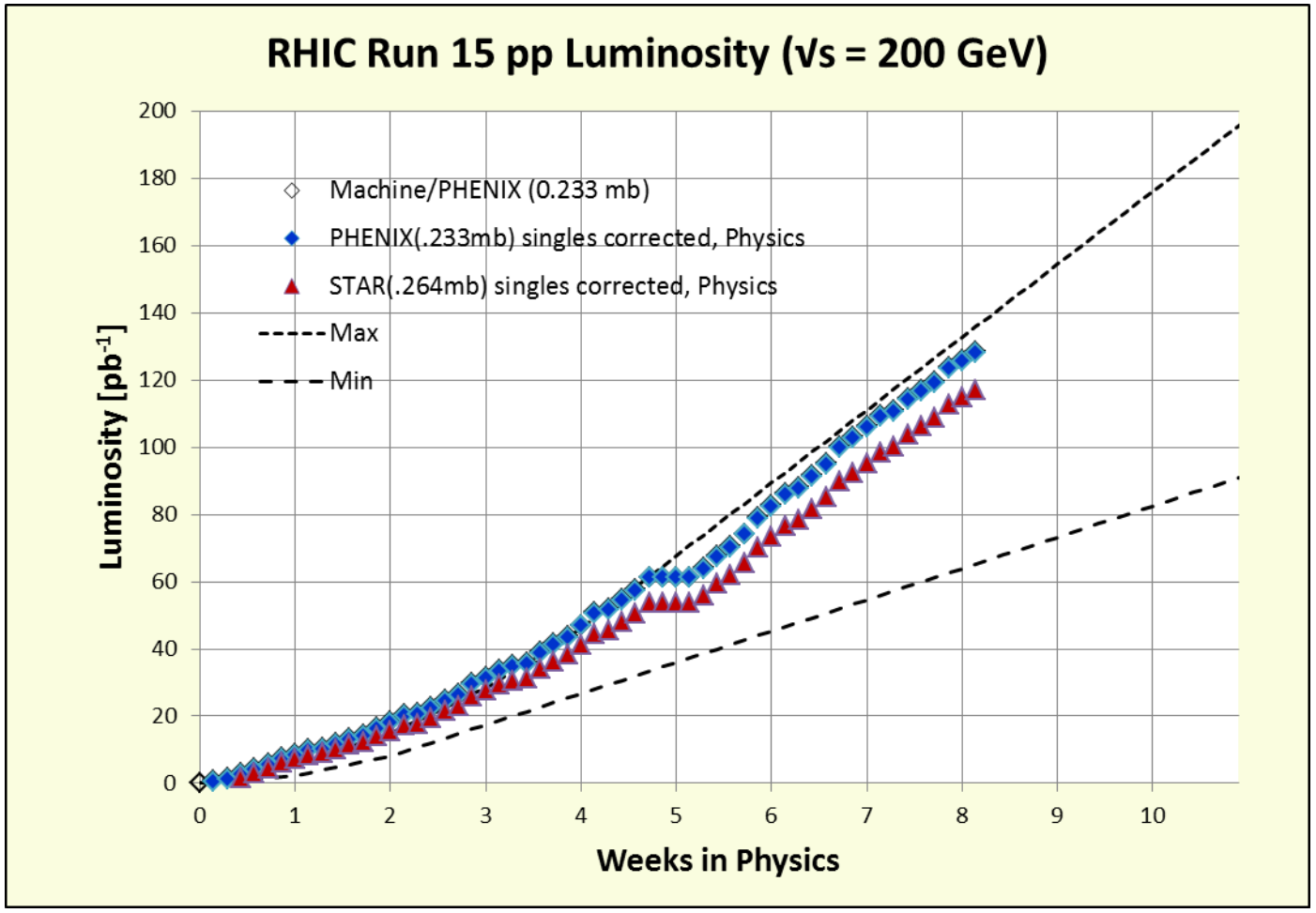
- 8 May (Fri), Begin 5 week **√s=200 GeV/n pAu** physics run
- 12 June (Fri), End 5 week √s=200 GeV/n pAu physics run

- 15 June (Mon), Begin 2 week **√s=200 GeV/n pAl** physics run
- 19 June (Mon), End **4 day (???)** √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 18882, 7 Apr



Archive

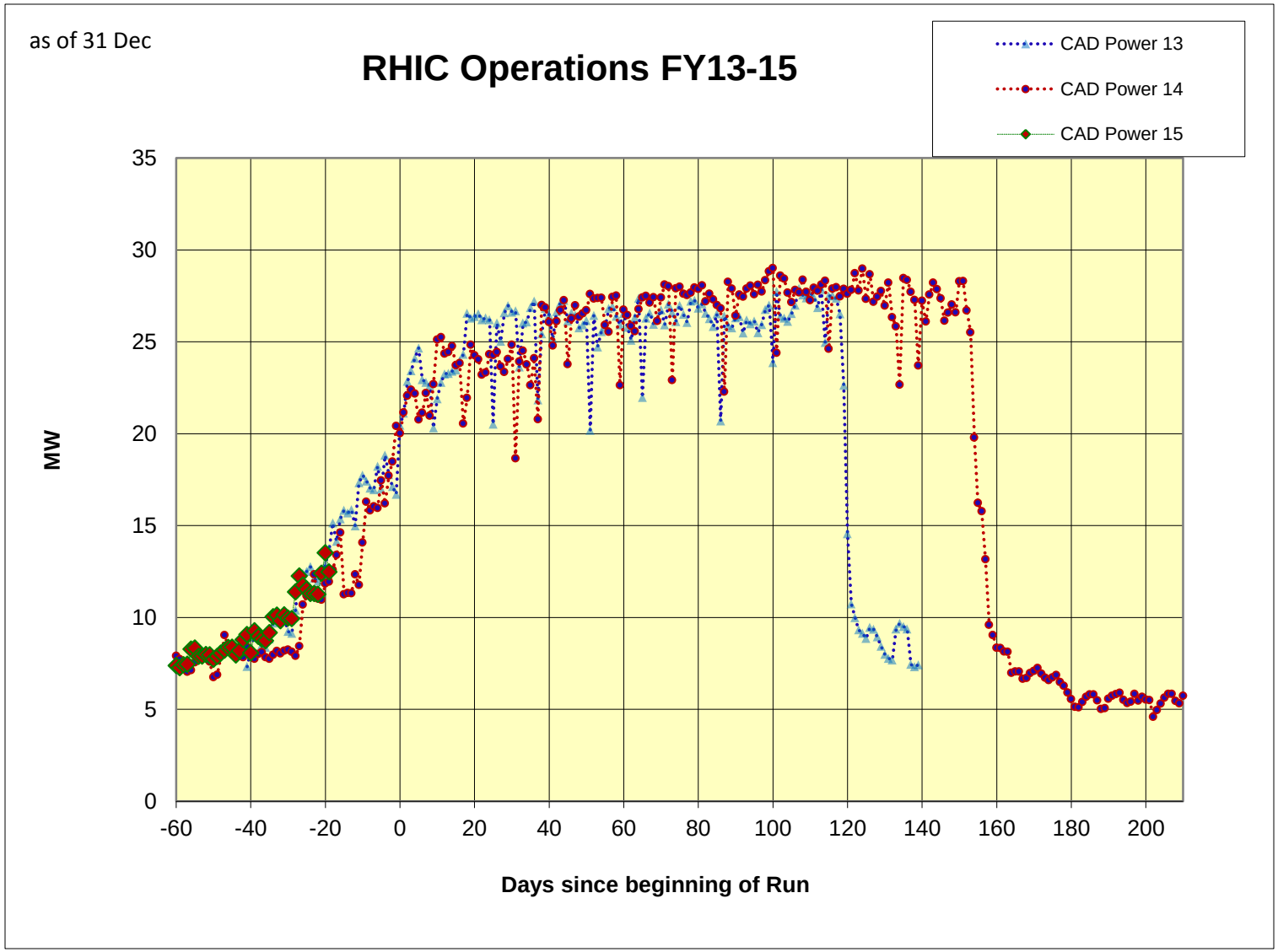
Who's Who for 2015

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)

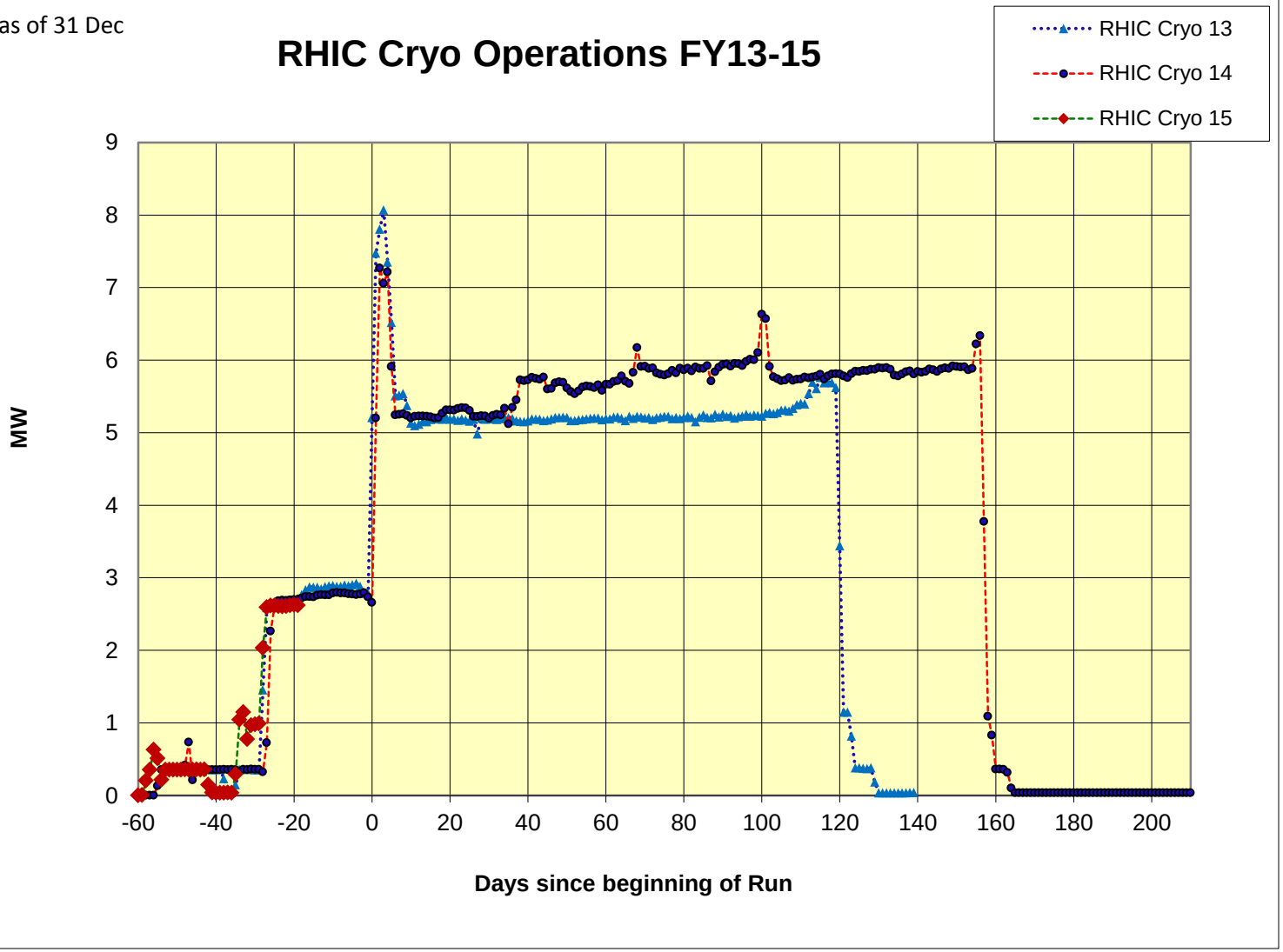
Scheduling Physicists:
Yousef Makdisi, makdisi@bnl.gov, 631-344-4932(office) 631-603-9688 (cell)
Phil Pile, pile@bnl.gov, 631-344-4643 (office), 631-834-2005 (cell)

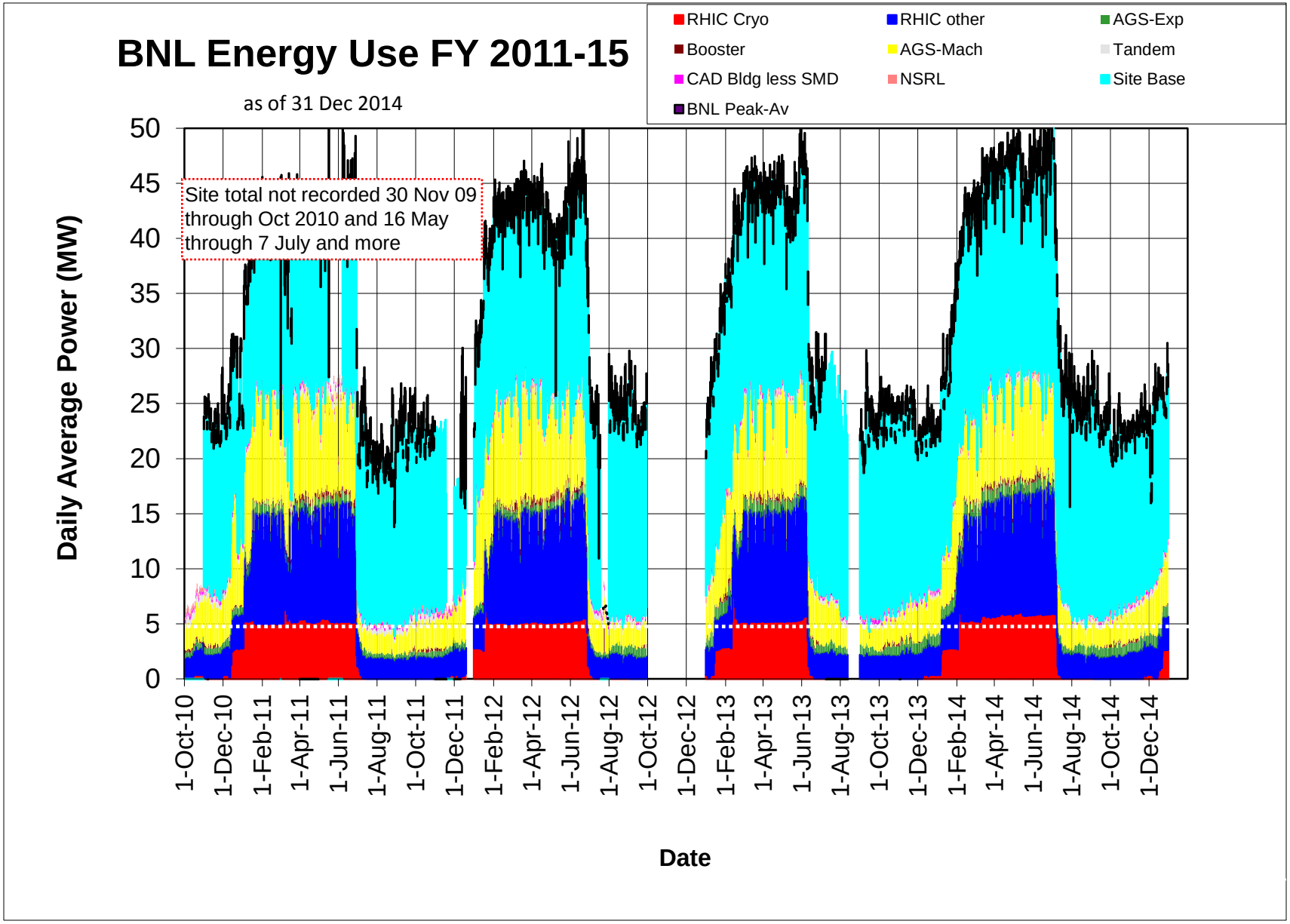
AGS Liaison:
Haixin Huang, huanghai@bnl.gov , 631-344-5446 (office)


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