Run 15, Time First Meeting

13 Jan 2015

Agenda:

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

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)

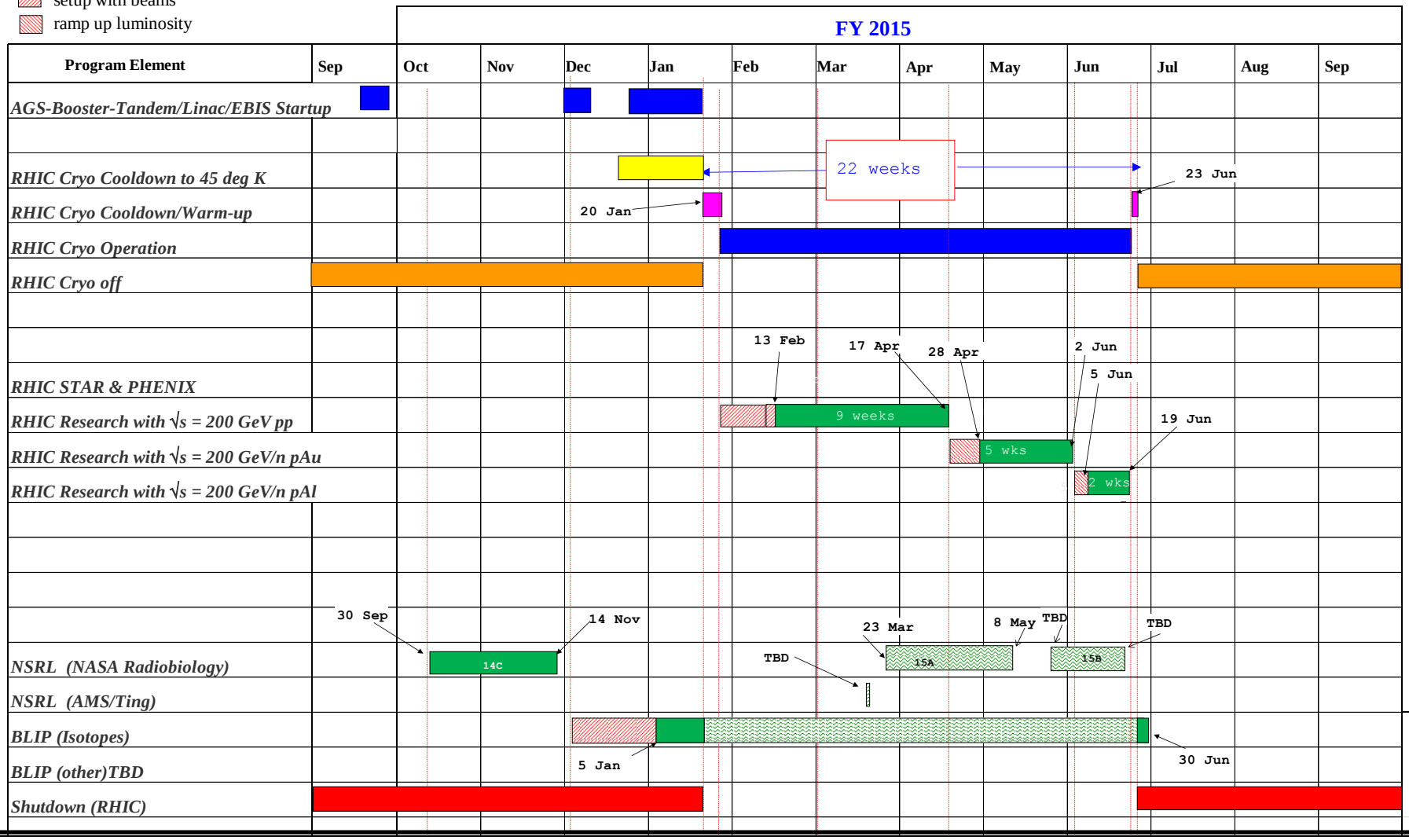
http://www.bnl.gov/cad/esfd

Scheduling Physicist: Makdisi/Pile

C-A Operations-FY15

8 Jan 15

Plan, subject to change



Run 15 plan based on 22 weeks cryo operation

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

today, 13 Jan…

- 20 Jan, Begin cool-down to 4.5K

- 23 Jan, beam in Blue

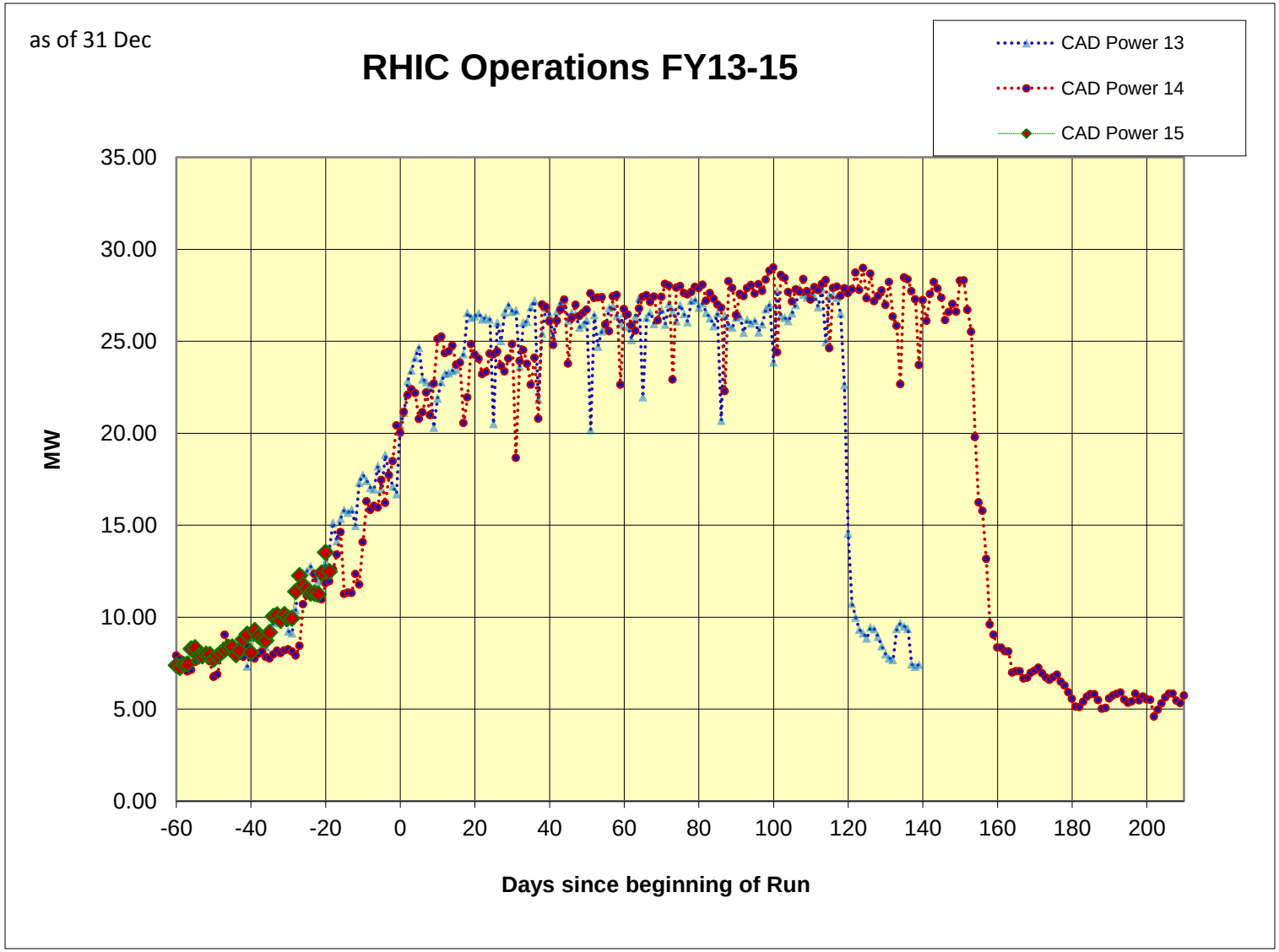
- 13 Feb, Begin 9 week **√s=200 GeV pp** physics run
- 17 April, End 9 week √s=200 GeV pp physics run

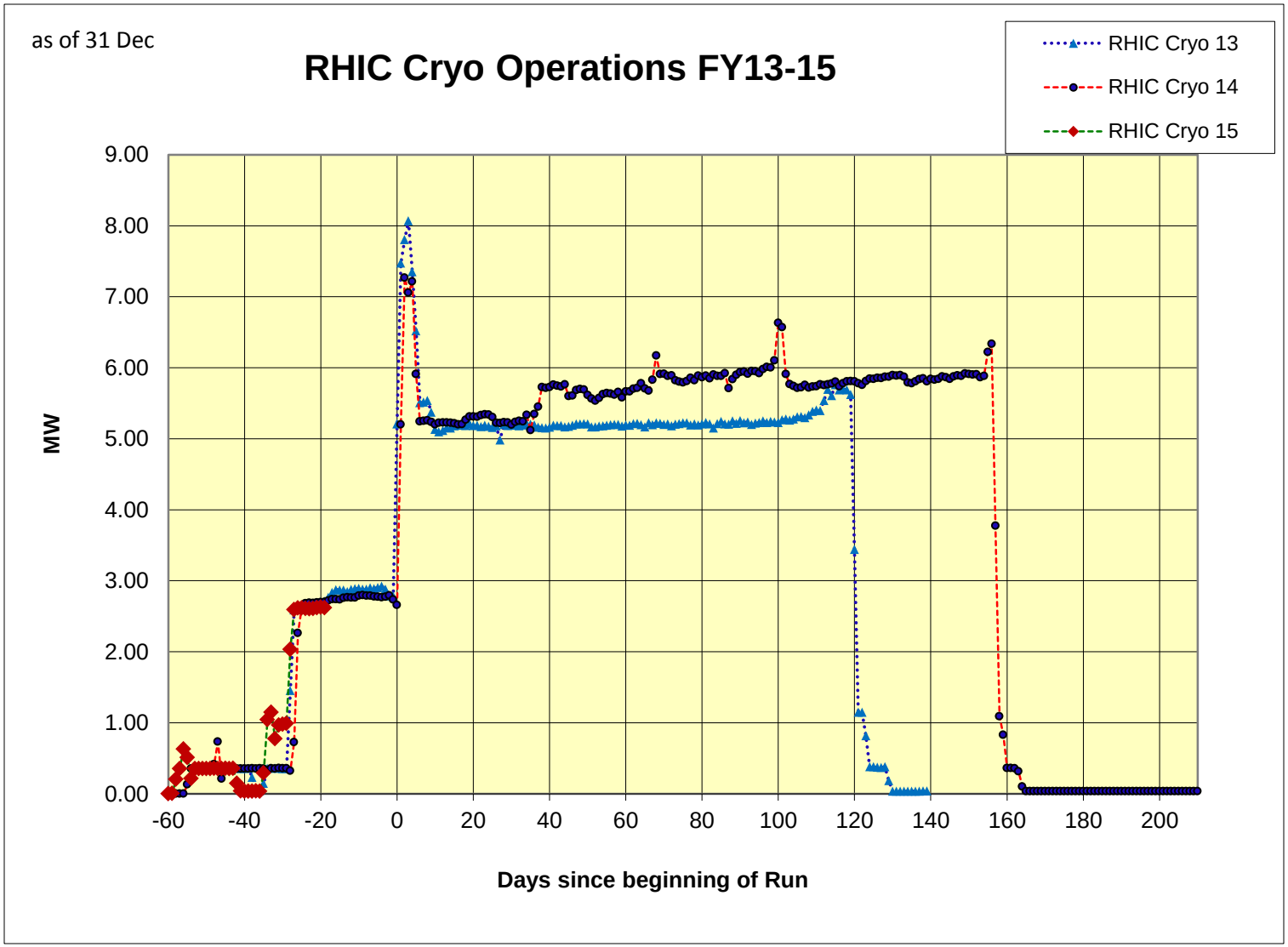
- 28 April, Begin 5 week **√s=200 GeV/n pAu** physics run
- 2 June, End 5 week √s=200 GeV/n pAu physics run

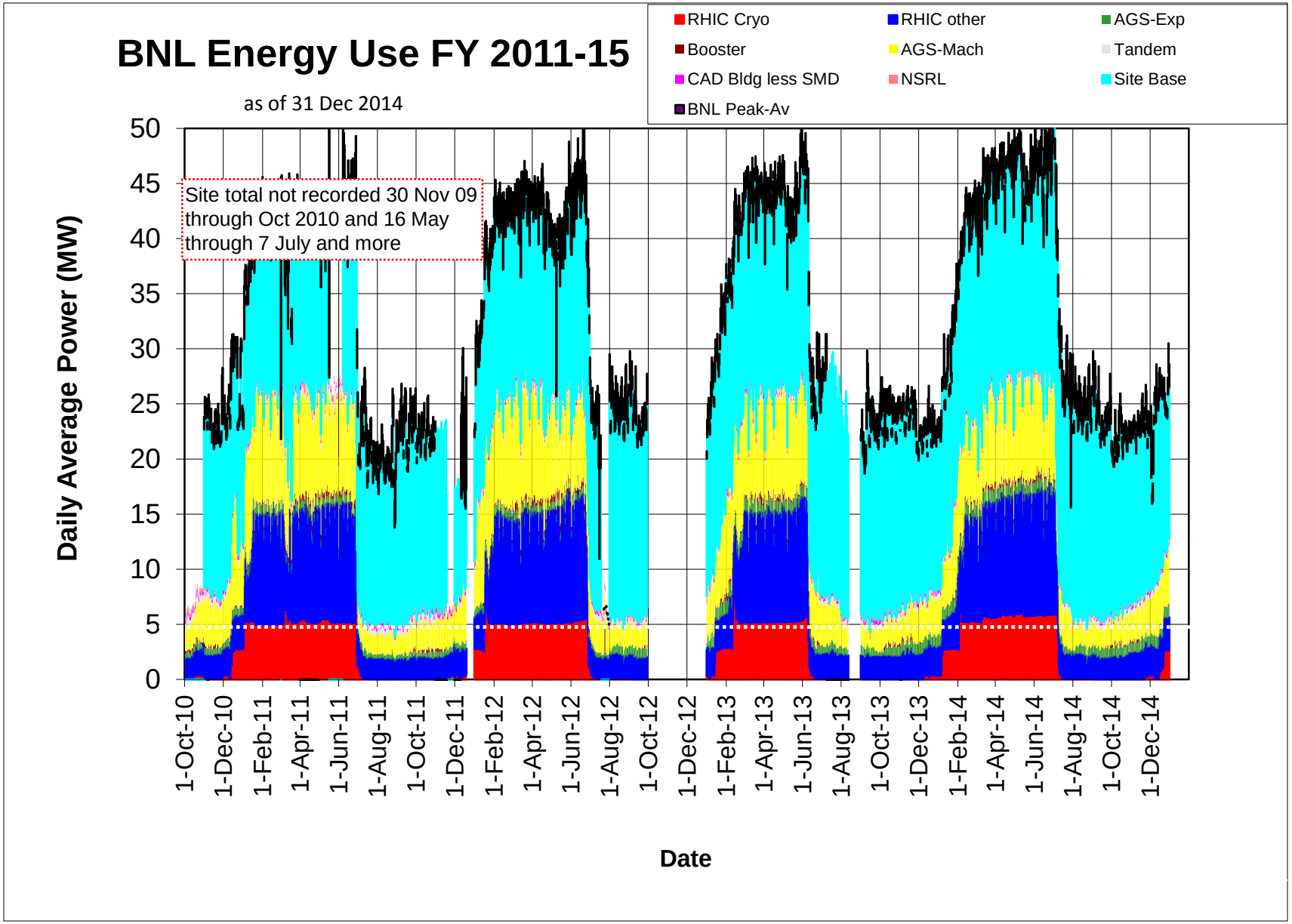
- 5 June, Begin 2 week **√s=200 GeV/n pAl** physics run
- 19 June, End 2 week √s=200 GeV/n pAl physics run

- 19 June, begin cryo warm-up
- 23 June, cryo warm-up complete, 22.0 cryo weeks of operation

See http://www.rhichome.bnl.gov/AP/RHIC2015/ for the Run Coordinator's detailed plan


as of 31 Dec
RHIC Operations FY13-15
CAD Power 13
CAD Power 14
CAD Power 15
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
MW
-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
RHIC Cryo 13
RHIC Cryo 14
RHIC Cryo 15
MW
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
-60
-40
-20
0
20
40
60
80
100
120
140
160
180
200
Days since beginning of Run


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