Run 15, Time Meeting

21 Apr 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 — M. Mustafa
- PHENIX Status — D. Fields
- RHIC Polarimeter — A. Poblaguev
- Jet Target — Y. Makdisi
- RCF — M. Ernst
- APEX — Y. Luo
- NSRL — A. Rusek
- BLIP — S. Smith
- Operations — P. Ingrassia
- Maintenance — P. Sampson
- Other

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, 21 Apr…***

- 27 April (Mon, 0700), End 10.9 week √s=200 GeV pp physics run

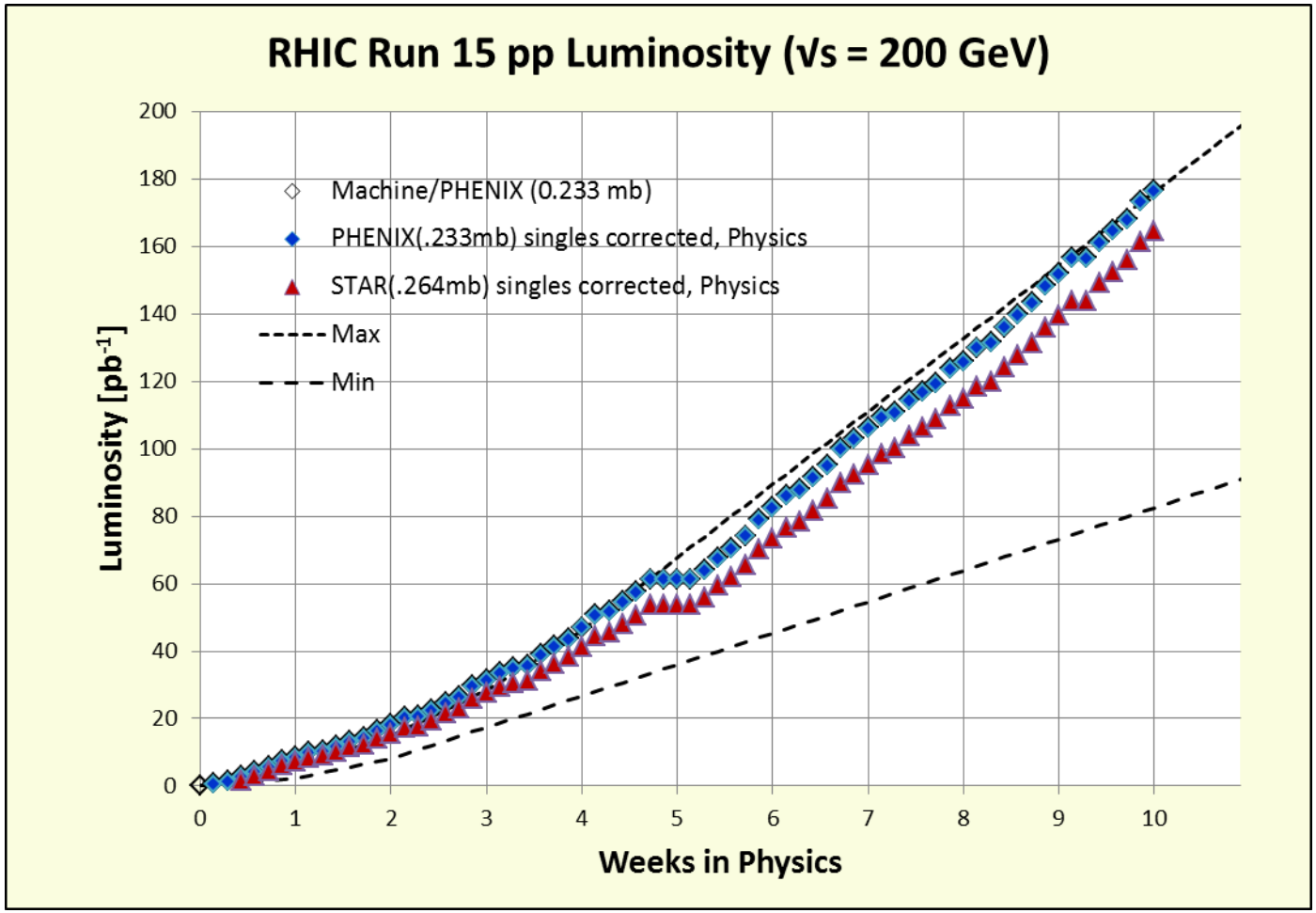
- 8 May (Fri), ***[Chuyu estimates physics start on 1 May, 1 week early]***
  Begin 5 week **√s=200 GeV/n pAu** physics run
- 12 June (Fri), End 5 week √s=200 GeV/n pAu physics run

- 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 18928, 21 Apr – with updated cross sections



*Based on beam use request

Based on beam use request with 12 weeks physics

Archive

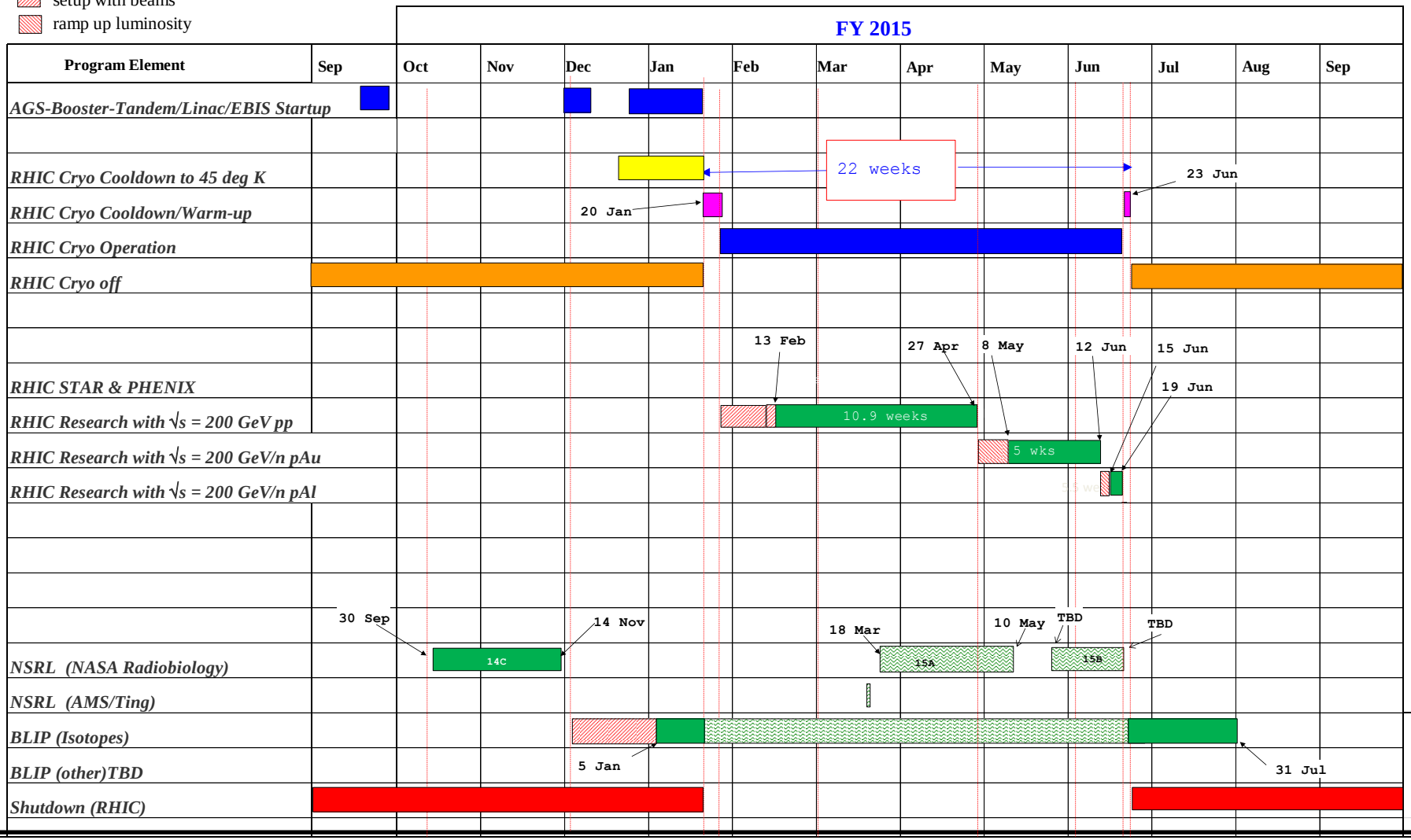
http://www.bnl.gov/cad/esfd

Scheduling Physicist: Makdisi/Pile

C-A Operations-FY15

7 Apr 15

Plan, subject to change



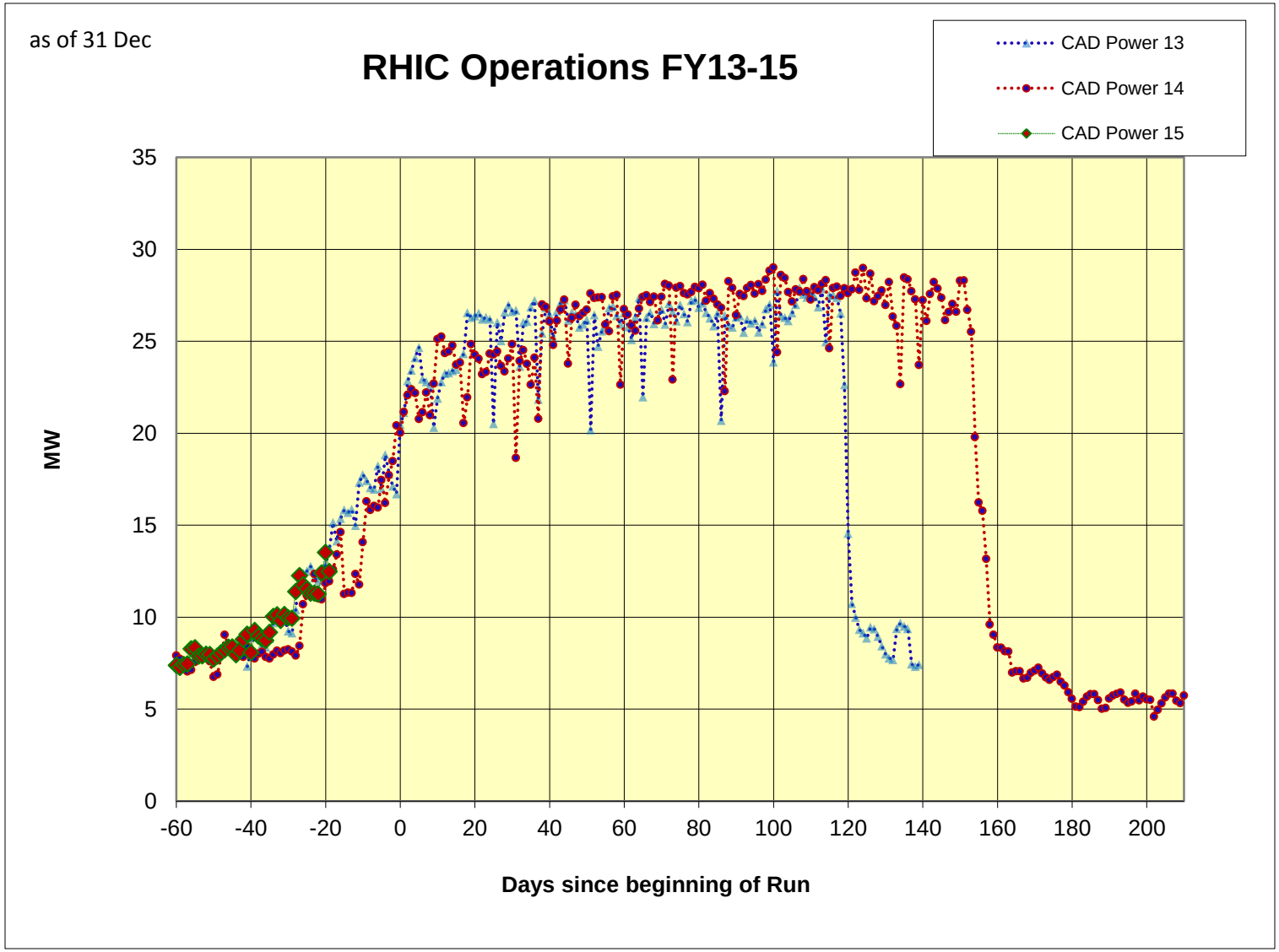
Who's Who for 2015

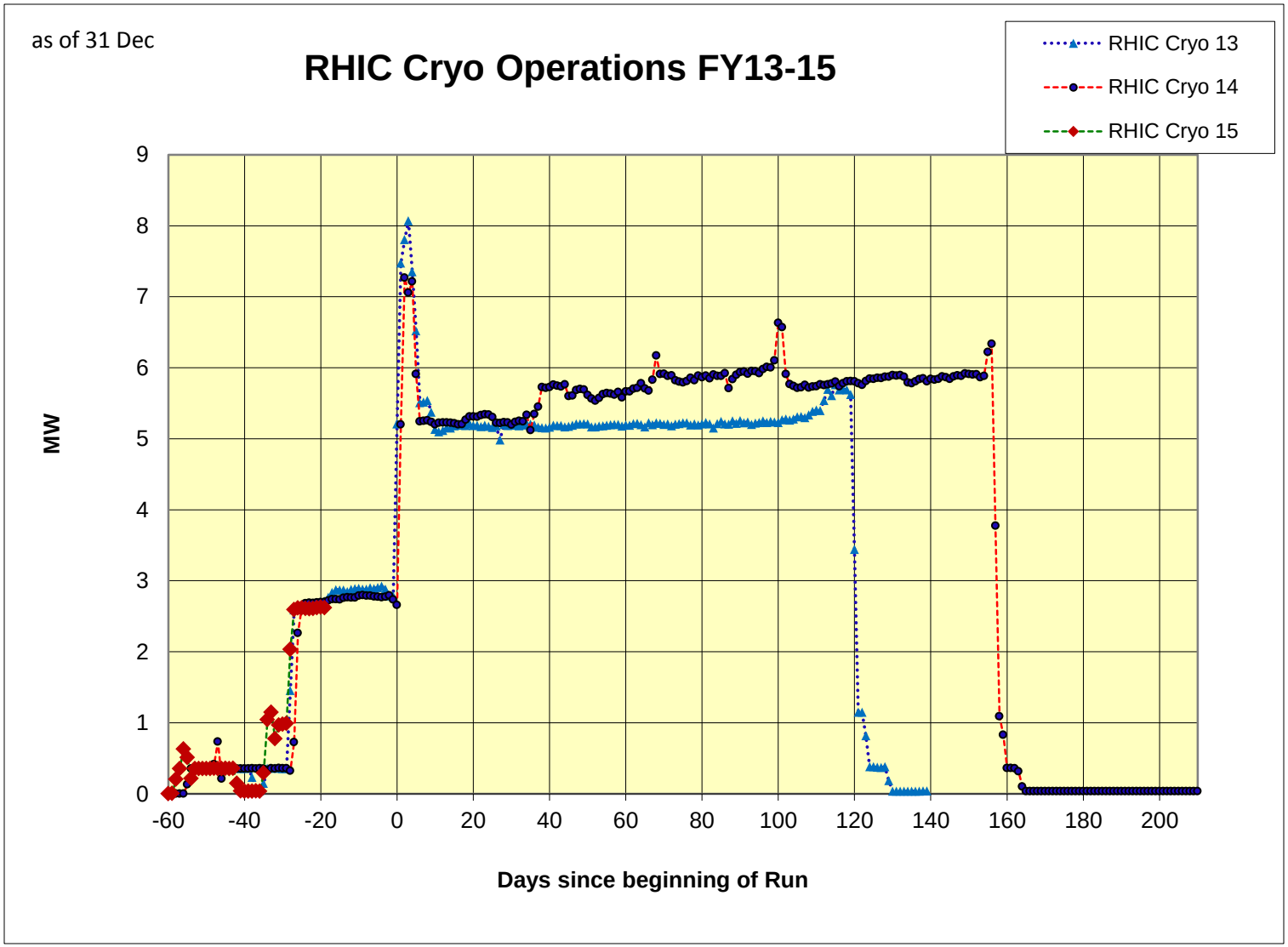
RHIC 100 x 100 GeV polarized protons:
Run Coordinator: Vincent Schoefer, schoefer@bnl.gov , 631-344-8453 (office)

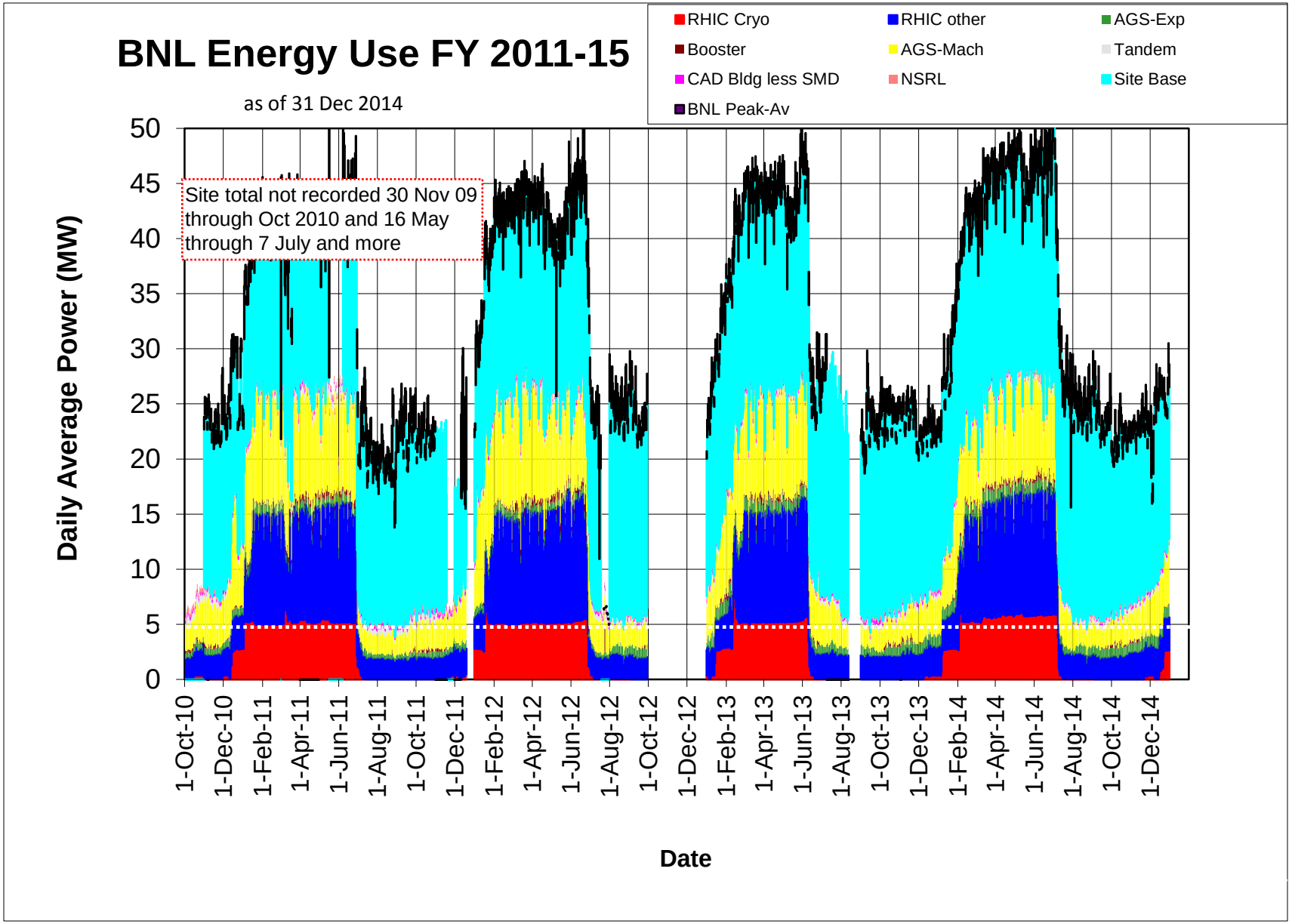
RHIC 100 x 100 GeV/n polarized protons on gold and polarized protons on aluminum:
Run Coordinator: Chuyu Liu, cliu1@bnl.gov , 631-344-4431 (office)

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
RHIC Cryo 13
RHIC Cryo 14
RHIC Cryo 15
MW
9
8
7
6
5
4
3
2
1
0
-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