

# Commissioning Update

7/10/13

M. Drury

# C100's

- 1L22 – SRF Commissioning Complete
  - Eight Cavity Run Complete at 118.4 MV
- 1L24 – High Power Testing Started 5/17.
  - Eight Cavity Run Complete at 108.4 MV/m
- 1L23 SRF Commissioning Complete
  - Eight Cavity Run Complete at 108.2 MV/m
- 1L25 – SRF Commissioning Started 7/8
- 1L26, 2L26 4K Cooldown Scheduled for 7/18

# C50's

- 1L04 (C50-09) Complete 52 MV
- 1L05 (C50-01) Complete 45 MV
- 1L06 (C50-04) Complete Except for Eight Cavity run
- 1L11 (C50-06) Complete Except for Eight Cavity Run
- 2L16 (C50-02) Complete 34 MV
- 2L07 (C50-08) Complete 51 MV
- 2L04 (C50-03) Complete 53 MV
- 2L09 (C50-05) Complete Except for Eight Cavity run

# C50's

- **Preliminary:**
- 1L11 (C50-06) 48.0 MV
- 2L09 (C50-05) 48.6 MV
- **Final:**
- 1L04 (C50-09) 52.3 MV
- 1L05 (C50-01) 46.0 MV (Helium Process)
- 1L06 (C50-04) 47.9 MV
- 2L04 (C50-03) 52.8 MV
- 2L07 (C50-08) 51.3 MV
- 2L16 (C50-02) 34.2 MV (Helium Process)
- 1L12 and 2L15 Scheduled for Cool Down 7/22
- **Average for C50's - 47.2 MV**

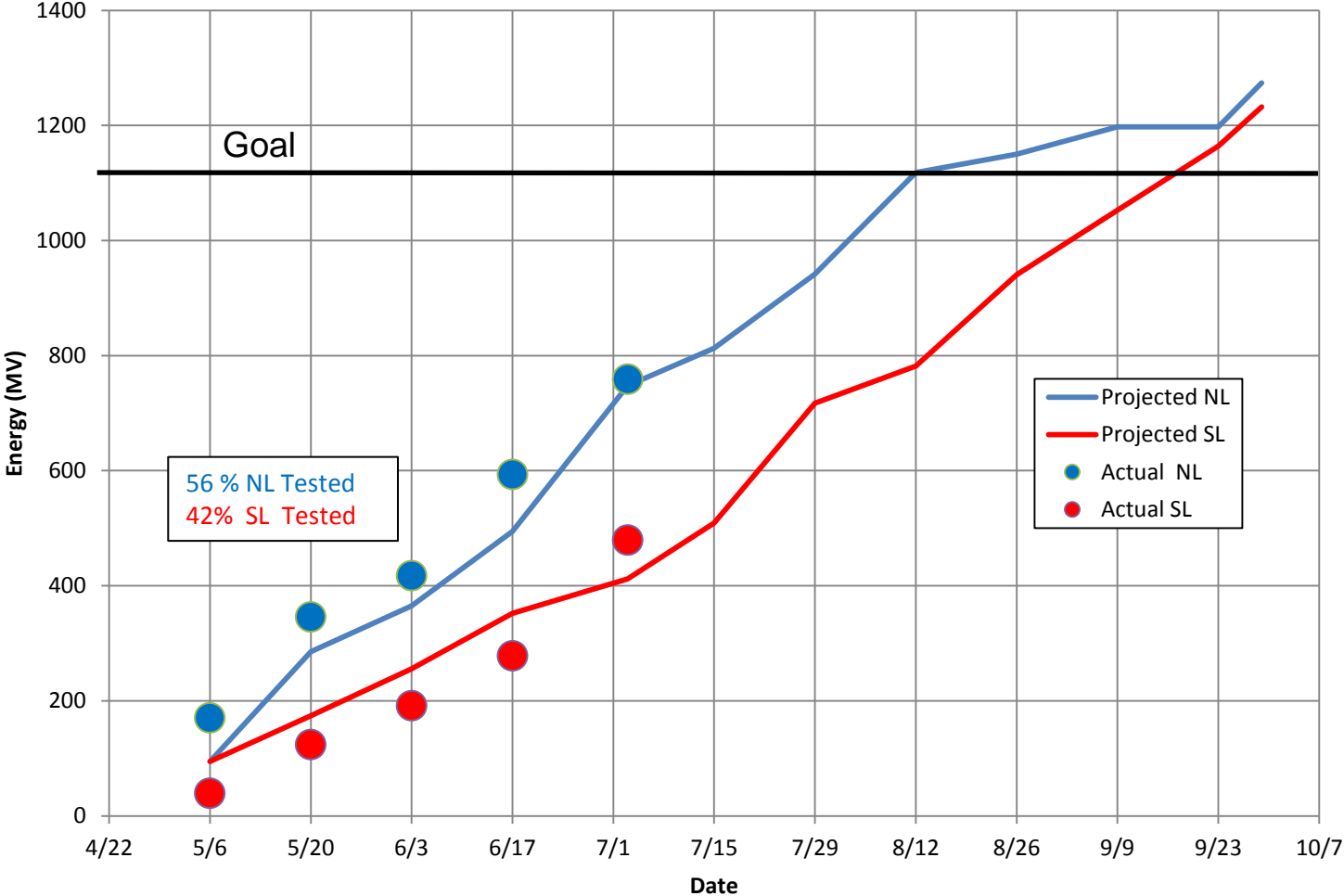
# C20's

- 1L07 – 1L09 Complete Except for Eight Cavity Runs
- 1L10 – In Progress (70% Complete)
- 1L13 – 1L16 Complete Except for Eight Cavity Runs
- 1L18 – In Progress (70% complete)
- 2L02 and 2L05 – Complete Except for Eight Cavity Run
- 2L12 – Complete Except for Eight Cavity Run
- 2L17 –2L20 – Complete Except for Eight Cavity Run
- 2L13 – In Progress (30% Complete)

# C20's

- Preliminary:
- Average Energy per Module NL:  $31.9 \text{ MV} \pm 6.1 \text{ MV}$ 
  - (Nine Cryomodules)
- Average Energy per Module SL:  $33.5 \text{ MV} \pm 2.6 \text{ MV}$ 
  - (Seven Cryomodules)

# Commissioning Progress and Projected Results



# In Summary

- C100 Testing ahead of schedule
- Recommission is on schedule
- Overall about 45% of Recommission complete