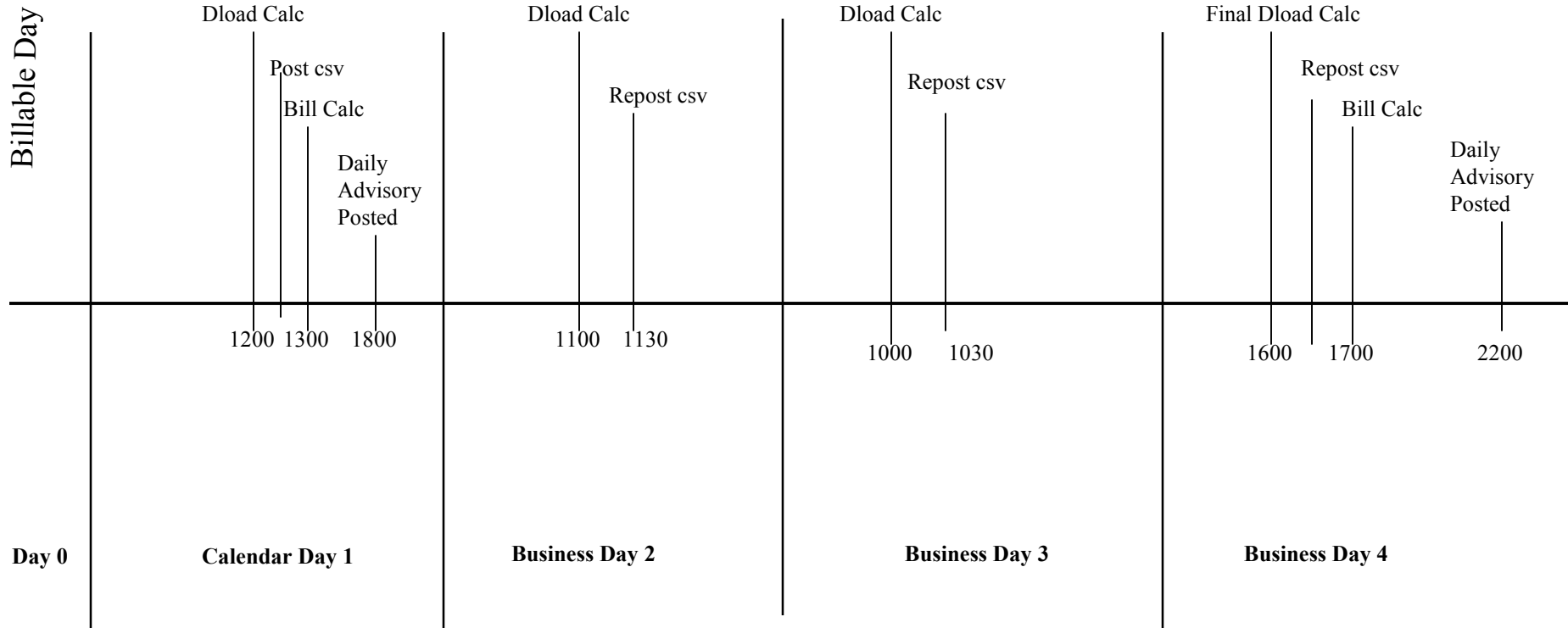


4 Day Cycle for Load and Bill Calculation



Assumptions

- It will take 6 hrs. from the start of the Dload calc to final posting of the advisory.
 - It currently takes 8+ hrs.
- The Dload calc alone completes in 30 min.
- MPs can buy in to starting by noon of Calendar Day One
- Systems can support multiple daily runs
 - See worst case scenarios

Worst Case #1

Parallel Dload Calcs Running

November 27, 2001

- 1000: Dload for 11/20
- 1030: Post load csv for 11/20
- 1100: Dloads for 11/21 - 25
 - Five Dload calcs running in parallel
- 1130: Post loads csvs for 11/21 -25
 - Five postings at once
- 1200: Dload for 11/26
- 1230: Post load csv for 11/26
- 1300: Bill calc for 11/26
- 1600: Dload for 11/19
- 1630: Post load csv for 11/19
- 1700: Bill calc for 11/19
- 1800: Post advisory for 11/26
- 2200: Post advisory for 11/19

Worst Case #2

Parallel Billing Calcs Running

November 29, 2001

- 1000: Dload for 11/26
- 1030: Post load csv for 11/26
- 1100: Dloads for 11/27
- 1130: Post loads csvs for 11/27
- 1200: Dload for 11/28
- 1230: Post load csv for 11/28
- 1300: Bill calc for 11/28
- 1600: Dload for 11/21 - 25
- 1630: Post load csv for 11/21 - 25
- 1700: Bill calc for 11/21 - 25
- 1800: Post advisory for 11/26
- 2200: Post advisory for 11/21 - 25

The True Worst Case is #2

- Eight Dload calcs and postings are done
- Six billing calcs and postings are done
- From 1700 to 1800 all six billing calcs are running in parallel
- From 1800 to 2200 five billing calcs are running in parallel
- MPs and Grid Accounting may be overwhelmed with billing output
- This is the worst day of a bad week, the rest of the week is only marginally better.