

UNC 0407 Analysis Scope



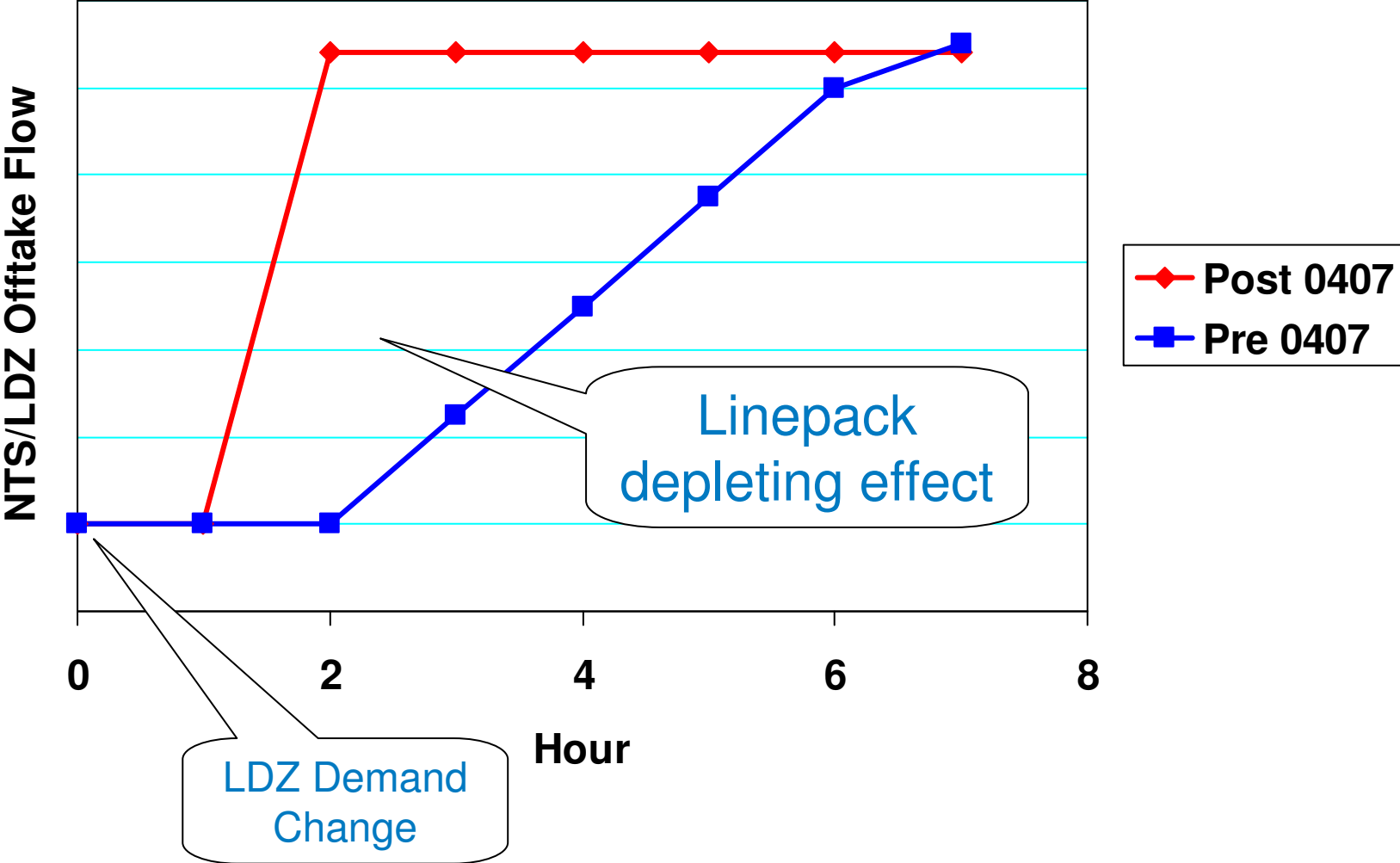
0407 Workgroup Meeting
21st May 2012

Overview

- Analysis has now been scoped to identify any NTS investment costs associated with the implementation of UNC 0407.
- Impact of the proposal on the NTS is in regard to increased lag between changes made at NTS offtakes and subsequent changes at entry points.
 - This is covered by the **NTS Design Margin** as DN demand changes would be met through more rapid NTS/LDZ offtake changes.
 - The NTS Design Margin is used within the system planning process to create operational linepack
- GL Denton completed the last review of the NTS Design Margin in 2008 and they will carry out the 0407 analysis

For more information regarding the NTS Design Margin (sometimes referred to as the flow margin) please see the Transmission Planning Code: <http://www.nationalgrid.com/uk/Gas/TYS/>

Impact of UNC 0407



Analysis Scope & Timeline

1. Review of Design Margin based on UNC0407 implementation
 - I. Repeat 2006-2008 flow margin analysis making appropriate adjustment to reflect the flow change driver referenced in 0407
 - II. Update analysis using recent demand data with an aim to show how the issue is developing and how behaviour is changing
 - III. Forward looking analysis based on potential flow rate change requirements of power generation connections within DNs, based on data provided by the DNs about the future mix of power generation and non-power generation demand and how their flat capacity and flex bookings relate to those two elements.
2. Network Analysis to identify NTS Investment costs associated with any increase to the design margin as a consequence of (1).
 - Estimated Timeline – 4/5 months