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DESC Technical Workgroup

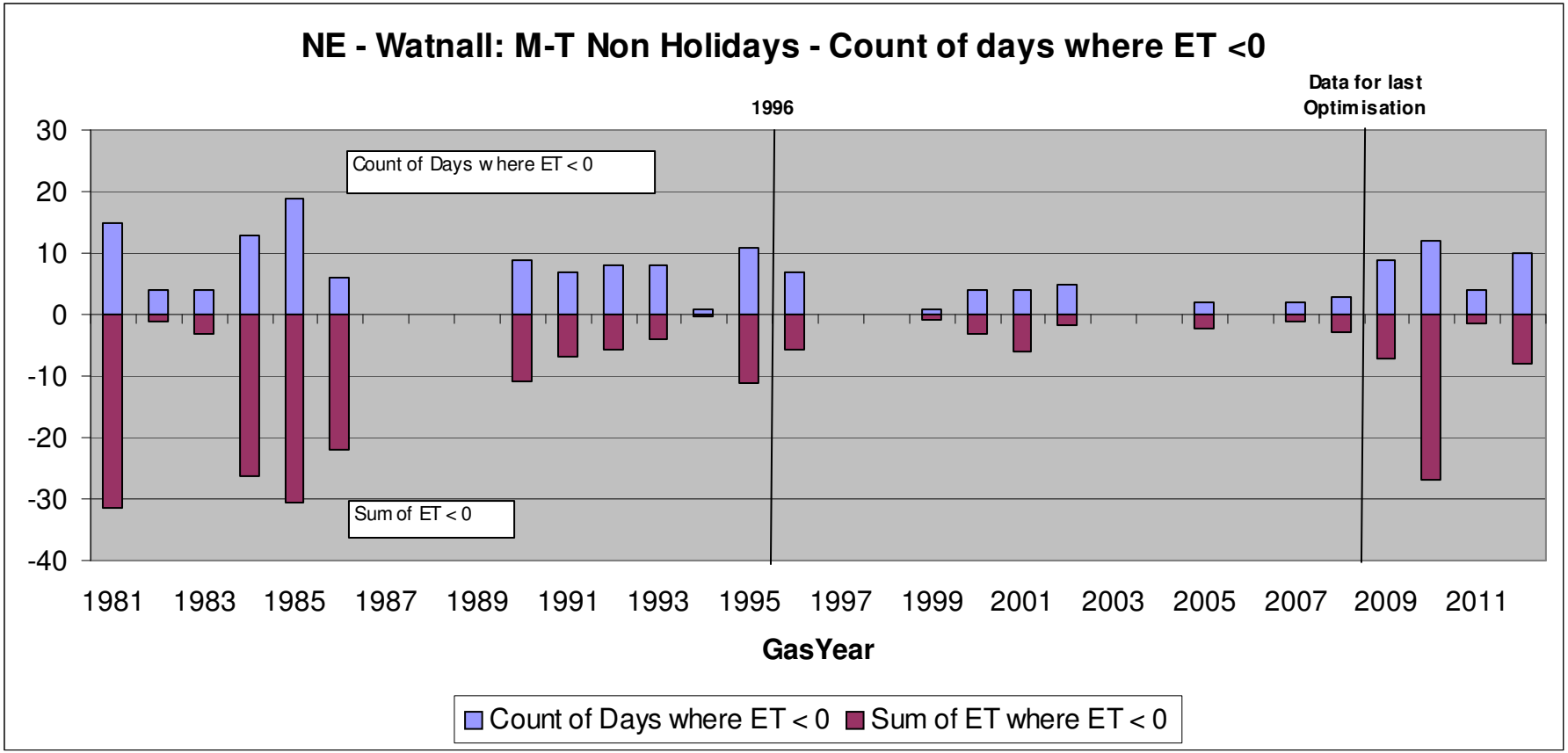
CWV Optimisation Update - Part 2

21st August 2014 – * Post Meeting Update *

Contents

- Request during 18/08/2014 TWG meeting to further analyse number of cold days.
- Review to identify how many Monday to Thursday Non holidays are left in the datasets for days where Effective Temperature (ET) <0
- Following slides are a repeat of those presented at TWG but updated to show M-T non holidays only

NE: M–T Non holidays where ET < 0



• Comparable number of Monday –Thursday non holidays to all days retained across all years

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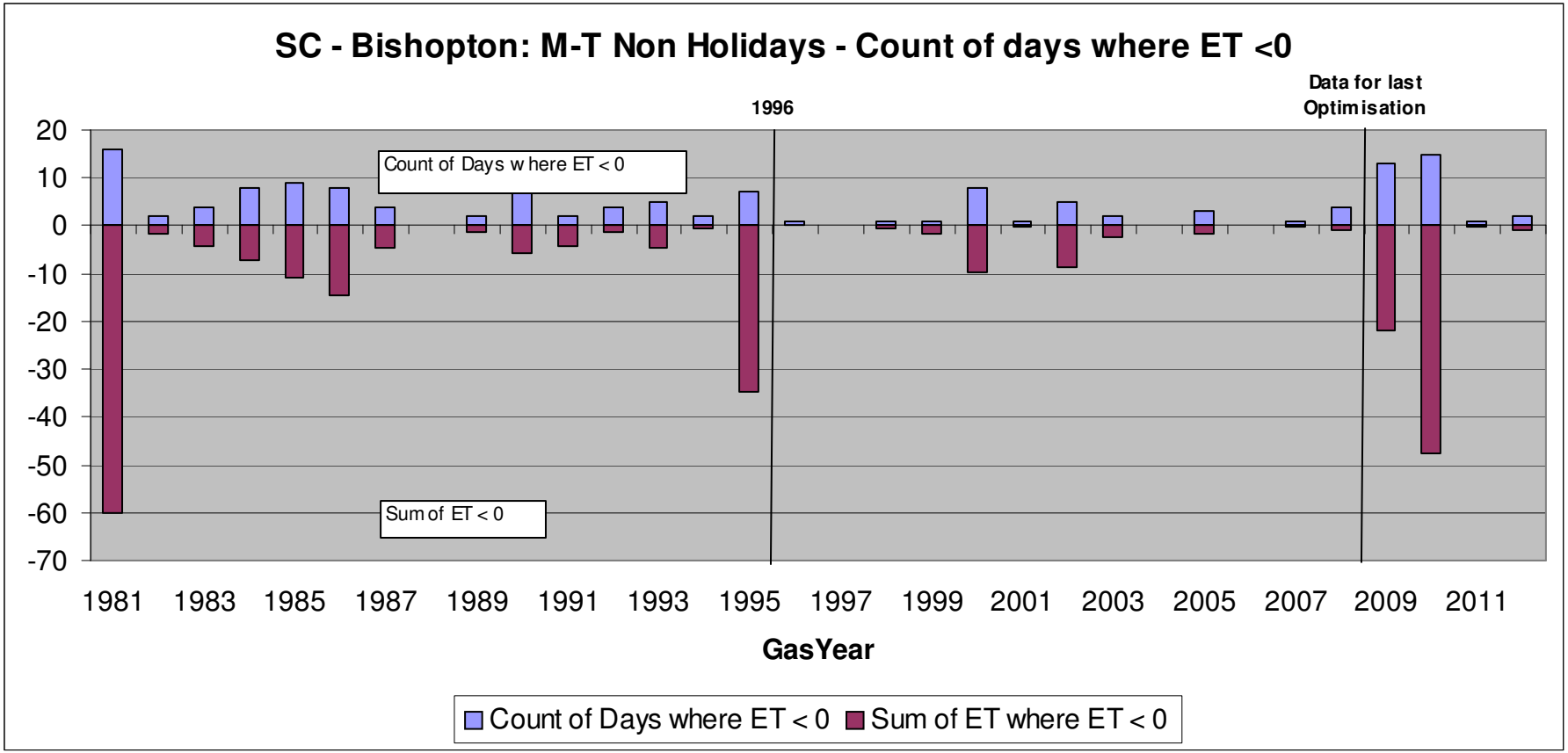
SC: M–T Non holidays where ET < 0



• Comparable number of Monday –Thursday non holidays to all days retained across all years

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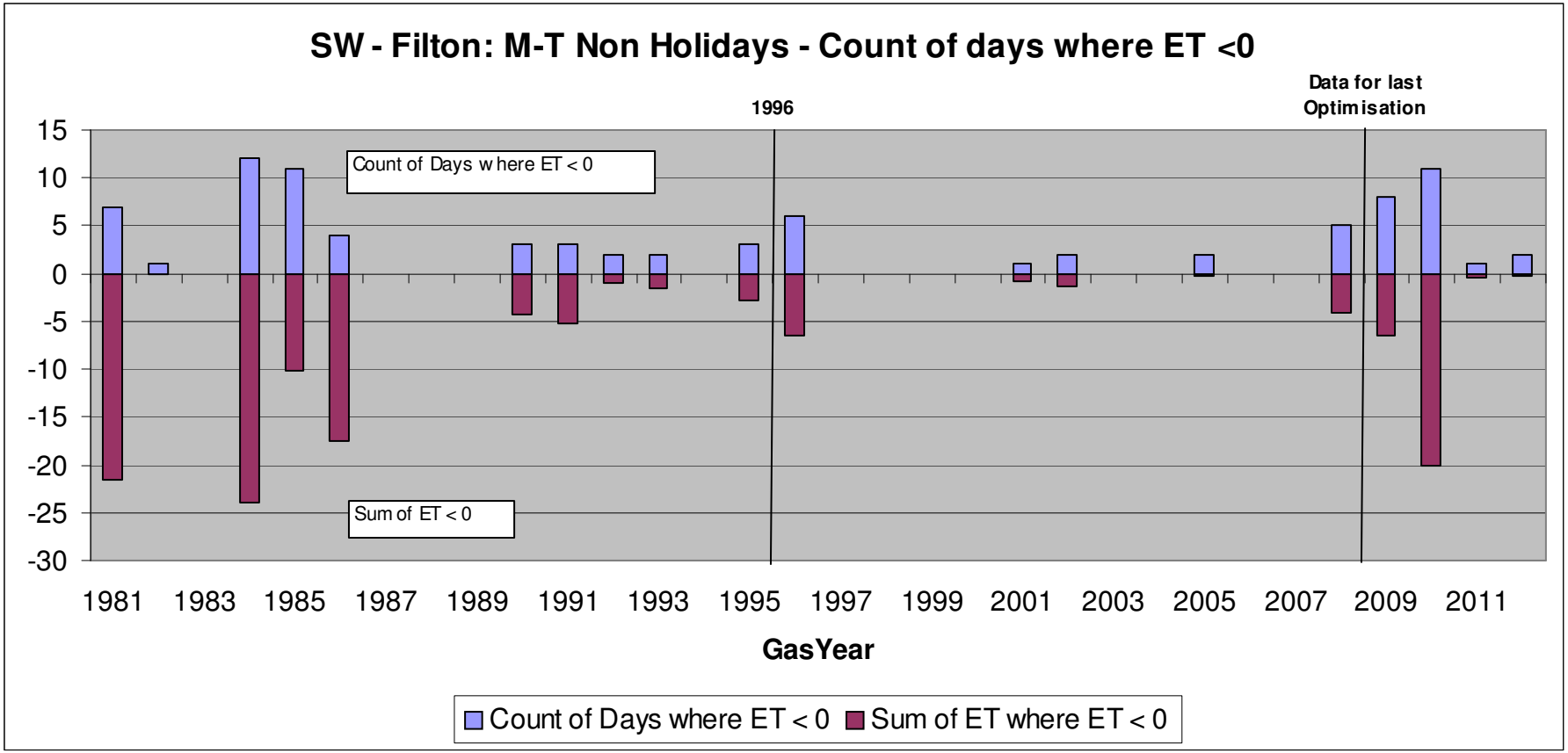
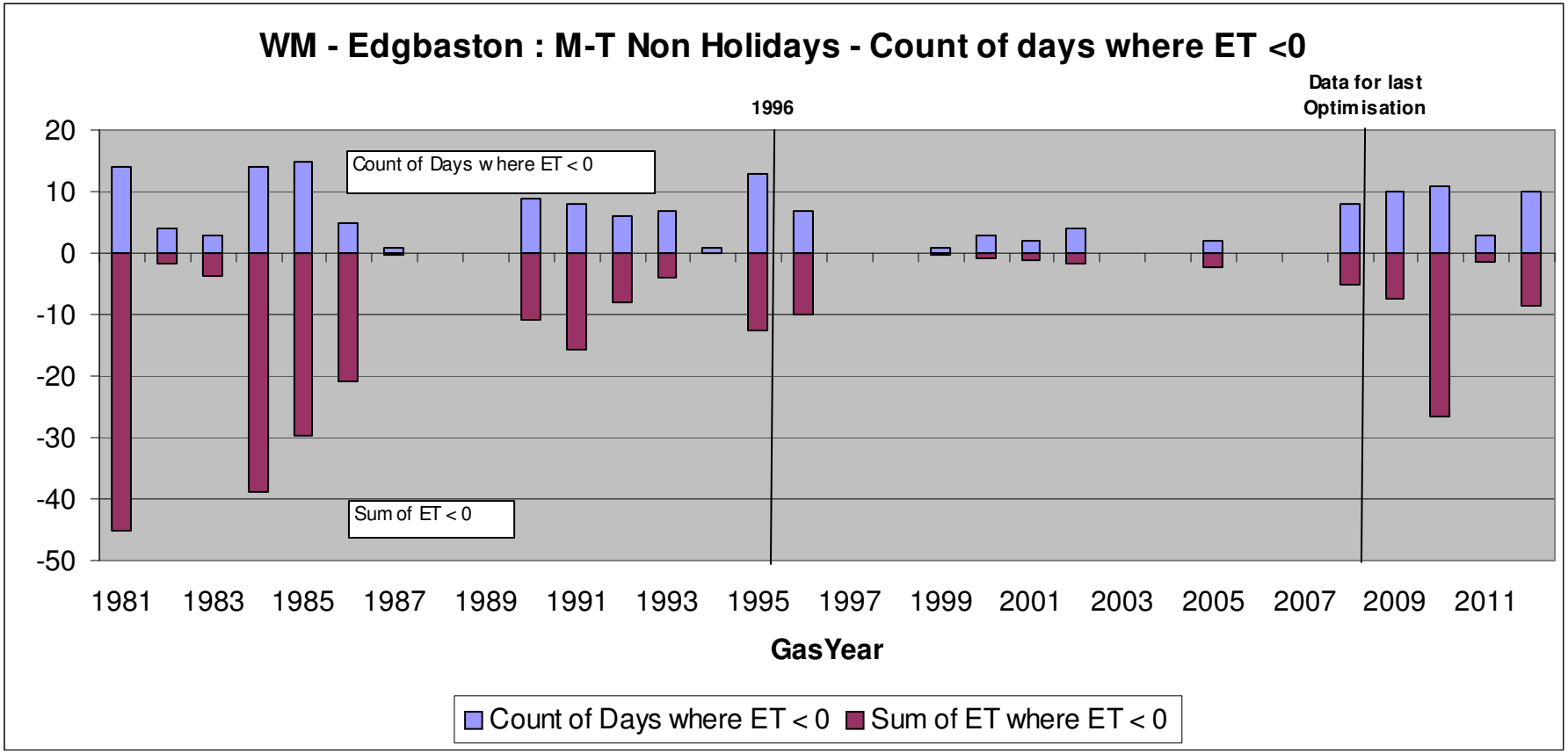
SW: M–T Non holidays where ET < 0



• Comparable number of Monday –Thursday non holidays to all days retained across all years

WM: M-T Non holidays where ET < 0



• Comparable number of Monday –Thursday non holidays to all days retained across all years

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Summary

- The analysis of Monday to Thursday Non holidays in the dataset shows that a number of data points remain available to use to investigate cold weather upturn.

- The proportion of data points lost from the All days count to Mon – Thurs non holidays is reasonably consistent across both the Maximum Potential Demand (1981 – 1995) and Aggregate NDM Demand (1996 – current) eras.

- A check has been made against the data that exists for weather stations that are not in the trial, to ensure that they are not being materially affected by the proposed change to the length of the dataset. The results were consistent with the weather stations in the trial.

- TWG's recommendation to use Aggregate NDM Demand only (1996 – current) in assessing cold weather upturn appears sound?