

## Change of Gas Day – Initial Assessment of Impacts/Areas for Further Consideration

<i>Sub-Area</i>	<i>Current state</i>	<i>Ideal Future State</i>	<i>Target as at Gas Day Change (current expected date 01/10/2015)</i>	<i>Transition Considerations</i>
Weather Data	Weather data received for “Odd” Hours: Temp – 2-hourly: 07:00; 09:00; 11:00 etc Wind 4-hourly: 07:00; 11:00; 15:00 etc	Weather data would be received for “Even” Hours: Temp – 2-hourly: 06:00; 08:00; 10:00 etc ▪ Wind 4-hourly: optimum timings agreed	▪ Change to “Even hours”, preferably day ahead of Gas Day change, to support Demand Forecasting	<ul style="list-style-type: none"> <li>▪ Requires GTs to renegotiate weather contracts</li> <li>▪ Change to receipt times would need change to UKLink processes and batch schedules</li> <li>▪ Opportunity to review weightings of temp and windspeed – subject to priorities</li> <li>▪ WSSM data is hourly, so future-proof</li> </ul>
Sample data	06:00-05:59 data received from dataloggers and AMR devices  Hourly data available for AMR only, could be used to estimate NDM usage from 05:00-05:59	▪ 05:00-04:59 data received from dataloggers and AMR devices	▪ Change to 05:00 Gas Day implemented 01/04/2015, start of Analysis year	<ul style="list-style-type: none"> <li>▪ If Datalogger data is used in any other processes, may not be able to change over early</li> <li>▪ Do dataloggers need a physical visit to change recording time?</li> </ul>
NDM Profiles	Created using 06:00-05:59 weather and consumption data	Created using 05:00-04:59 weather and consumption data	<p><i>Options for 2015/16 Profiles</i></p> <p>A: 2015/16 profiles created using 06:00-05:59 weather and consumption data up to 31/03/15</p> <p>B: Model 06:00-05:59 consumption data against 05:00-04:59 weather data</p> <p>C: Manipulate 06:00-05:59 consumption data to represent 05:00-04:59, model against 05:00-04:59 weather data</p> <p>D: Use 05:00-04:59 weather and consumption data</p> <p>Note: Aggregate NDM Demand will only ever be available in 06:00-05:59 terms up to 30/09/2015. Not an issue post-Project Nexus, but old world DAFs need Agg. NDM Demand</p>	<p>Use of “Even hours” weather data for Spring 2015 Analysis would need GTs to procure both Odd and Even hours weather data in parallel for at least 18 months prior to changeover.</p> <p>Assessment of the materiality of the 1-hour shift in gas day would be useful input to decision-making.</p>