

DIGITAL SOLUTIONS

# AUGE Progress Update

November 2019

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## Progress Summary

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- Overall Status – ON TARGET
  - Status is on target as AUGS is on schedule for delivery on time
  - Status is now amber due to issues identified with meter read data and lack of theft data which may impact methodology and factors
  
- Progress Summary
  - Data & Topic Status published on JoT
  - Data Provision ongoing
    - New data items requested from CDSP and some received
    - 90% of expected files received to date
    - No responses from industry data requests
  - Draft paper regarding use of LDZ level UIG factors published. JoT to arrange AUG Sub-committee telecon in December

## Progress Summary

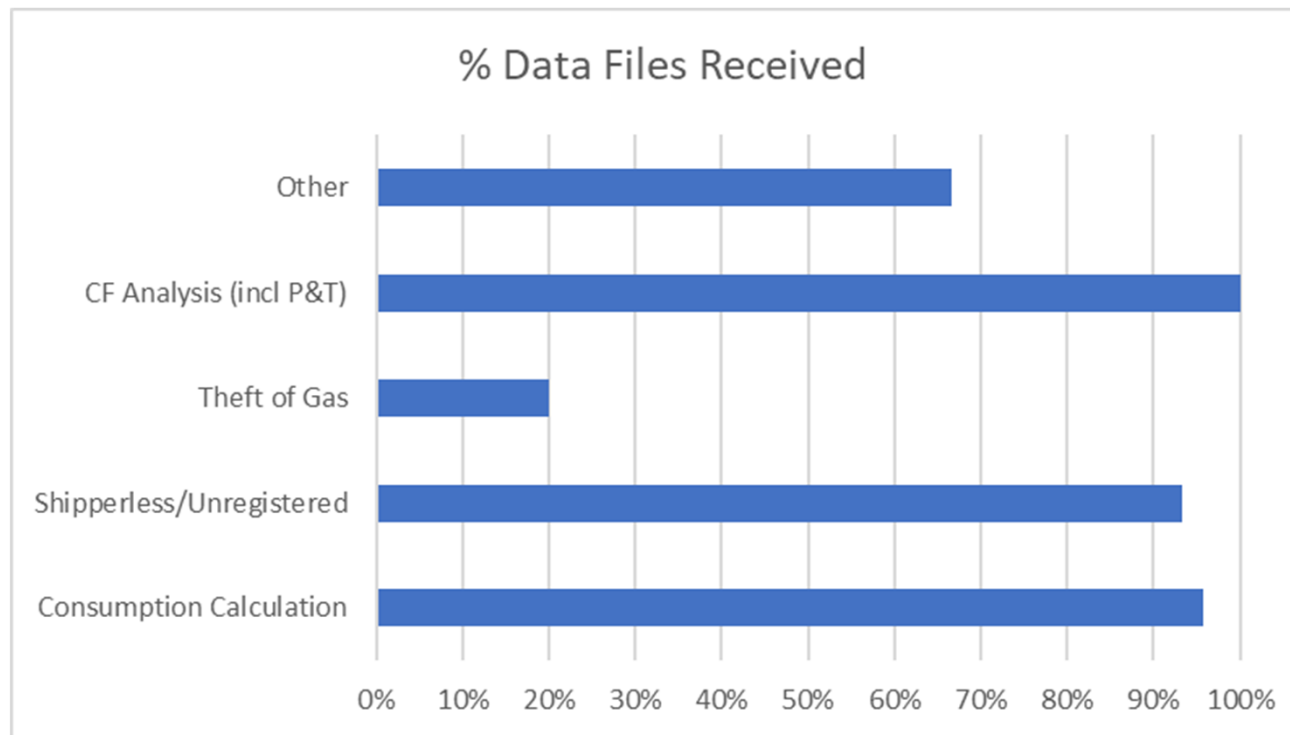
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- Progress Summary continued
  - Meter Temperature approach document published on JoT
  - Analysis ongoing
    - Priority is Meter Temperature analysis
  - 2 Topics closed due to lack of data (#63 & #64)
  - “Teams” site set up for collaborative working with CDSP
  
- Risks
  - Data from TRAS may not be available in time for use in theft calculations
    - Equivalent TRAS data from last year not yet provided
    - TIG have raised a concern re. providing additional TRAS data. Extraordinary TIG meeting to be held 5 Dec
  - Issue identified with meter read data for sites with Volume Converters
    - Meter reads and volumes provided to AUGÉ are uncorrected
    - Updated data and re-run of consumption calculations required

## Data Summary

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- Overall 90% of expected files received



## Analysis Progress Update

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- Theft Analysis (Topic 8)
  - Awaiting TRAS data (none received to date)
  - TIG have raised concerns about use of additional TRAS data by AUGE
    - Currently working to address concerns
    - AUGE would appreciate industry support at TIG
    - Extraordinary TIG meeting scheduled for 5 Dec to discuss
    - AUGE responded to request regarding anonymised SPAA data to confirm this is no longer required. This assumes that the AUGE continues to receive the detailed TRAS data
  
- Use of Static Correction Factors (Topic 25)
  - AUGE has published progress note including proposed approach for inclusion of meter temperature UIG calculation
  - Further analysis ongoing

## Analysis Progress Update

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- Permanent UIG Level (Topic 33)
  - Monitoring of UIG & Reconciliation ongoing
  
- Meter Exchange (Topic 35)
  - Initial analysis on SSP read data for 1 LDZ suggest previous issues identified were a result of missing data
  - Analysis now looking at LSPs and additional LDZs
    - A number of queries have been raised with CDSP around specific meter exchange examples
  
- Accuracy of NDM Algorithm (Topic 39)
  - Monitoring changes to assess impact
  - New CWV, SNCWV, WAALPs etc requested from CDSP when available

## Analysis Progress Update

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- Review of CSEP methodology (Topic 59)
  - Data now received
  - Analysis started but now on hold until issue with read data is resolved (awaiting corrected reads update)
  
- Use of temperature data from volume converters (Topic 60)
  - Confirmation received that temperature data cannot be collected without fitting additional equipment
  - AUGÉ to assess data requirements in light of DMTS reports and propose separate project if appropriate

## Analysis Progress Update

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- Use of corrected vs uncorrected meter reads (Topic 61)
  - Sample of Corrected/Uncorrected reads provided by CDSP for 1 LDZ (EA)
    - Meter Reads for 289 MPRs, early 2017-mid 2018
    - Significant number of zero volumes
      - Corrected volumes pre-June 2017. May be pre-Nexus volumes not migrated
      - Uncorrected volumes post April 2018. This field is no longer mandatory
  - Further information required to derive temperatures
    - Information used to calculate fixed CF (meter altitude, set pressure and assumed temperature)
    - Atmospheric pressure data



## Analysis Progress Update

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- Use of corrected vs uncorrected meter reads (Topic 61) cont.
  - Analysis of ratio of Corrected Volume ( $V_c$ ) to Uncorrected Volume ( $V_u$ ) ongoing
  - Only a handful of sites provide useful information due to meter read frequency and 'poor quality' data (inconsistent)
  - Additional data requested and provided by CDSP for 2 further LDZs
    - SC (cold), SW (warm)
- During analysis of corrected vs uncorrected meter reads, the AUGE identified an issue with the data being used in the consumption calculation for sites with volume converters
  - All meter reads provided for use in the consumption calculation are UNCORRECTED
  - All Corrected reads and volumes requested from CDSP

## Topics on hold

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- Topics closed due to lack of data (no response to industry data requests)
  - VLDMC/DM Meter Maintenance (Topic 63)
  - Use of Volume converters without Z conversion for high pressure installations (Topic 64)
  
- Topics on hold awaiting data
  - Impact of changes to CWV/SNCWV definition (Topic 65)
  
- Creation of new EUCs (Topic 55)
  - Requires UNCC Modification
  - AUGE providing support as required

## Plan for December

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- Provide support to Mod0693R workgroup as required
- Ongoing analysis of Open Topics
- Data loading and validation
  - including corrected meter reads when provided by CDSP
- Recalculate consumptions by LDZ once corrected data is received
- Ongoing preparation of AUGS
- Telecon to discuss LDZ specific factors with AUG Sub-committee
- Assess & Prioritise any new topics raised
  - New topics can be raised at any time via the AUGE mailbox
  - [AUGE.software@dnvgl.com](mailto:AUGE.software@dnvgl.com)

# Thank you

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