BSC Agents Impact Assessments

BSC Agent - LogicaCMG

LogicaCMG's proposed solution for this assessment is as follows:

Proposed Solution:
No changes are required to EAC/AA or NHHDA.

SVAA currently reports data for 10 NHH Consumption Component Classes (CCCs). This will increase to 12: Please see the two bottom rows in the list below:

NHH	EAC	Metered	Import	Consumption
NHH	AA	Metered	Import	Consumption
NHH	-	Unmetered	Import	Consumption
NHH	EAC	Metered	Import	Line Loss
NHH	AA	Metered	Import	Line Loss
NHH	-	Unmetered	Import	Line Loss
NHH	EAC	Metered	Export	Consumption
NHH	AA	Metered	Export	Consumption
NHH	EAC	Metered	Export	Line Loss
NHH	AA	Metered	Export	Line Loss
NHH	**-**	**Unmetered**	**Export**	**Consumption**
NHH	**-**	**Unmetered**	**Export**	**Line Loss**

The changes to achieve this are:
- Additional logic in the SSR Run "Process NHH Data" module: SPM rows for SSCs which have SSC Type "Export" and which have a non-zero unmetered consumption will contribute to the new CCCs only.
- The constant defining the number of NHH CCCs will be increased from 10 to 12. All the Settlement Run reports will then report on the additional CCCs without needing to be changed.

Alternative 1 Solution:
There are no additional changes from the Proposed Solution above for Alternative Solution 1.

Alternative 2 Solution:
There is one additional change to the Proposed Solution above for Alternative 2 Solution which affects standing data only:
- A new row will be inserted into the IDB_FILE_TYPE_SOURCE_ROLES table, specifying that it is valid for a D0041 file to come from the MEO role.

Nature of Documentation Changes:
Logical Design
The Conceptual Process Model description of the SSR Run Event will be changed to add the new logic to the Aggregate Profiled Data section.

Physical Design
In section 8.5.7 "Process Non-Half Hourly Data - SVAA SSR Run", the definition of "component" needs to change to "one of Import EAC, Export EAC, Import AA, Export AA, Import Unmetered or Export Unmetered".

There are no additional documentation changes for Alternative Solutions 1 and 2.

Total Price (ex VAT): **£28,760** (Proposed and Alternative 1)
                      £29,300 (Alternative 2)

SVAA Agent - Capgemini

Capgemini's proposed solution for this assessment is as follows:

MDD

MDD would require change requests for the new Microgeneration Export Operator agent (new agent and role codes of MOA and NHHDC) as well as the new values required for ISRA processing (Line Loss Factor Classes, Standard Settlement Codes, Consumption Component Classes and Meter Timeswitch Codes). However, these changes would all be included as part of a scheduled MDD Publish and therefore no operational impact is envisaged for MDD.

ISRA

If new Line Loss Factor files (D0265) are required, they could be applied as part of the annual process, which would not have an operational impact. However, if loaded outside of the annual process, then extra time would need to be set aside for the file loads to complete prior to the implementation start date. Changes to the SSR calculations would not result in any operational impact on the SVA Agent.

Pool Application

Note that the addition of a new CCC into ISRA may have an impact on the Pool Application and it is recommended that ELEXON obtain an assessment from the SVAOSS team.

NOTE: The SVAOSS team quoted £0.

Alternative Solutions:

Solution 1

The changes in solution one would not affect the SVA Agent and the assessment response would stay the same.

Solution 2

The changes in solution two would require the following additions:

MDD would require a change request for the new Microgeneration Export Operator as an NHHDA (additional role code). However, this would be included as part of a scheduled MDD Publish and therefore no operational impact is envisaged for MDD.

No operational impacts have been identified for ISRA, as the additions would be catered for as part of standard operational procedures, i.e. Standing Data changes and receiving D0041 flows from a new NHHDA.

Specific Responses

The impact of the MEO managing the registration of 3,000 or 10,000 microgeneration sites would not affect the SVA Agent.

The SVA Agent is not affected by the bulk or individual implementation process of portfolio MPANS.

The SVA Agent would not be affected by adding the flows described in section 2.8 of the Requirements Specification (P218AS v1.0) to the DTC, but would suggest it is a sensible approach.

Total Price (ex VAT): **£20,800**