Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
													Notes on CRA flows: Most fields are shown as Optional because these flows are used for updates as well as inserts.
													Id fields are shown as optional because they are allocated by CRA after the first registration.
R0011	F	001										CRA-I001: BSC Party Registration	
PD5	R	1	G									**BSC Party Details**	
N0005	D			1						text(255)		Action Description	indicating intent of the message
N0159	D			O						text(30)		Party Authentication Name	not populated for the very first contact from a new party
N0160	D			O						text(8)		Party Authentication Password	not populated for the very first contact from a new party
N0046	D			1						text(30)		BSC Party Name	
N0045	D			O						text(8)		BSC Party Id	
N0158	D			O						text(10)		Party Authentication Key Details	The party's public key
PRD	R	1-*		G								**Party Role Details**	
N0161	D				1					text(2)	Organisation Type	Party Type	
N0183	D				1					date		Registration Effective From Date	
N0184	D				O					date		Registration Effective To Date	
RA2	R	0-1			G							**Role Address Details**	
N0008	D					1				text(40)		Address Line 1	
N0009	D					O				text(40)		Address Line 2	
N0010	D					O				text(40)		Address Line 3	
N0011	D					O				text(40)		Address Line 4	
N0012	D					O				text(40)		Address Line 5	
N0013	D					O				text(40)		Address Line 6	
N0014	D					O				text(40)		Address Line 7	
N0015	D					O				text(40)		Address Line 8	
N0016	D					O				text(40)		Address Line 9	
N0176	D					O				text(10)		Post Code	
N0218	D					O				text(15)		Telephone No	
N0100	D					O				text(15)		Fax No	
N0067	D					O				text(80)		E-Mail Address	
SPT	R	0-*		G								**Stage 2 Participant Details**	
N0207	D				1					text(4)		Stage 2 Participant Id	if the Party is a Stage 2 Participant
AUS	R	0-*		G								**Authorised Signatories**	
N0203	D				1					text(30)		Signatory Name	
N0162	D				O					text(8)		Password	
N0056	D				O					text(15)		Contact Phone No	
N0067	D				O					text(80)		E-Mail Address	
AUL	R	0-*			G							**Authorisation Levels**	
N0006	D					1				text(2)	Activity	Activity	
N0081	D					1				date		Effective From Date	
N0083	D					O				date		Effective To Date	
SR2	R	0-*		G								**Settlement Report Details**	
N0192	D				1					text(30)		Report Type	This field is used to identify a report variant
N0065	D				O					text(20)		Distribution Method	This value should be set to 'N' if a participant wishes not to receive a report to which he is automatically entitled. The default value is 'Y'
IE3	R	0-*		G								**Interconnector Error Administrator Details**	if party is an IEA
N0098	D				1					text(10)		Interconnector Id	
N0081	D				1					date		Effective From Date	
N0083	D				O					date		Effective To Date	
R0021	F	001										CRA-I002: Interconnector Administrator Registration Data	
IA2	R	1	G									**Interconnector Administrator Details**	
N0005	D			1						text(255)		Action Description	indicating intent of the message

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
N0159	D			O						text(30)		Party Authentication Name	
N0160	D			O						text(8)		Party Authentication Password	
N0095	D			1						text(8)		Interconnector Administrator Id	
EIC	R	0-*		G								**Interconnector Details**	
N0098	D				1					text(10)		Interconnector Id	
IE2	R	0-*			G							**Interconnector Error Administrator Data**	
N0097	D					1				text(8)		Interconnector Error Administrator Id	
N0081	D					1				date		Effective From Date	
N0083	D					O				date		Effective To Date	
R0031	F	001										CRA-I003: BSC Party Agent Registration Details	
BA2	R	1	G									**BSC Party Agent Details**	
N0005	D			1						text(255)		Action Description	indicating intent of the message
N0159	D			O						text(30)		Party Authentication Name	if sender is a BSC Party Agent
N0160	D			O						text(8)		Party Authentication Password	if sender is a BSC Party Agent
N0019	D			1						text(30)		Agent Name	
N0018	D			O						text(8)		Agent Id	
ARD	R	1-*		G								**Agent Role Details**	
N0020	D				1					text(2)	Organisation Type	Agent Type	
N0183	D				1					date		Registration Effective From Date	
N0184	D				O					date		Registration Effective To Date	
RA3	R	0-1			G							**Role Address Details**	
N0008	D					1				text(40)		Address Line 1	
N0009	D					O				text(40)		Address Line 2	
N0010	D					O				text(40)		Address Line 3	
N0011	D					O				text(40)		Address Line 4	
N0012	D					O				text(40)		Address Line 5	
N0013	D					O				text(40)		Address Line 6	
N0014	D					O				text(40)		Address Line 7	
N0015	D					O				text(40)		Address Line 8	
N0016	D					O				text(40)		Address Line 9	
N0176	D					O				text(10)		Post Code	
N0218	D					O				text(15)		Telephone No	
N0100	D					O				text(15)		Fax No	
N0067	D					O				text(80)		E-Mail Address	
ACD	R	1			G							**Certification/Accreditation Details**	
N0051	D					1				char	Certification/Accreditation Status	Certification/Accreditation Status	
AUS	R	0-*		G								**Authorised Signatories**	
N0203	D				1					text(30)		Signatory Name	
N0162	D				O					text(8)		Password	
N0056	D				O					text(15)		Contact Phone No	
N0067	D				O					text(80)		E-Mail Address	
AUL	R	0-*			G							**Authorisation Levels**	
N0006	D					1				text(2)	Activity	Activity	
N0081	D					1				date		Effective From Date	
N0083	D					O				date		Effective To Date	
R0051	F	001										CRA-I005: BM Unit Registration Data	
BR2	R	1	G									**BM Unit Registration Header**	
N0005	D			1						text(255)		Action Description	indicating intent of the message
N0159	D			1						text(30)		Party Authentication Name	
N0160	D			1						text(8)		Party Authentication password	
BU1	R	0-*	G									**BM Unit Details**	
N0036	D			1						text(30)		BM Unit Name	
N0034	D			O						text(11)		BM Unit Id	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
N0038	D			O						char	BM Unit Type	BM Unit Type	
N0150	D			O						text(9)		NGC BM Unit Name	
N0238	D			O						char		Zone	
N0149	D			O						text(12)		National Grid Reference	
N0116	D			O						text(2)		GSP Group Id	If BM Unit Type is 'E' or 'G' or 'S'
N0115	D			O						decimal(13,3)		Generation Capacity	*MW*
N0064	D			O						decimal(13,3)		Demand Capacity	*MW*
N0177	D			O						char	P/C Flag	Production/Consumption Flag	
N0110	D			O						boolean		FPN Flag	
N0098	D			O						text(10)		Interconnector Id	If BM Unit Type is 'I'
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
JB1	R	0-*	G									**BM Unit Group Details**	
N0126	D			O						text(11)		Joint BM Unit Id	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
JBB	R	1-*		G								**BM Unit Group Member**	
N0034	D				1					text(11)		BM Unit Id	
R0051	F	002										CRA-I005: BM Unit Registration Data	
BR2	R	1	G									**BM Unit Registration Header**	
N0005	D			1						text(255)		Action Description	indicating intent of the message
N0159	D			1						text(30)		Party Authentication Name	
N0160	D			1						text(8)		Party Authentication password	
BU1	R	0-*	G									**BM Unit Details**	
N0036	D			1						text(30)		BM Unit Name	
N0034	D			O						text(11)		BM Unit Id	
N0038	D			O						char	BM Unit Type	BM Unit Type	
N0150	D			O						text(9)		NGC BM Unit Name	
N0238	D			O						char		Zone	
N0149	D			O						text(12)		National Grid Reference	
N0116	D			O						text(2)		GSP Group Id	If BM Unit Type is 'E' or 'G' or 'S'
N0115	D			O						decimal(13,3)		Generation Capacity	*MW*
N0064	D			O						decimal(13,3)		Demand Capacity	*MW*
N0177	D			O						char	P/C Flag	Production/Consumption Flag	
N0469	D			O						boolean		Base TU Flag	
N0110	D			O						boolean		FPN Flag	
N0098	D			O						text(10)		Interconnector Id	If BM Unit Type is 'I'
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
JB1	R	0-*	G									**BM Unit Group Details**	
N0126	D			O						text(11)		Joint BM Unit Id	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
JBB	R	1-*		G								**BM Unit Group Member**	
N0034	D				1					text(11)		BM Unit Id	
R0061	F	001										CRA-I006: Trading Unit Registration	
TR1	R	1	G									**Trading Unit Registration Header**	
N0005	D			1						text(255)		Action Description	indicating intent of the message
N0159	D			1						text(30)		Party Authentication Name	
N0160	D			1						text(8)		Party Authentication password	
TU1	R	1-*	G									**Trading Unit Details**	
N0232	D			1						text(30)		Trading Unit Name	
BU2	R	1-*		G								**BM Unit Details**	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
N0034	D				1					text(11)		BM Unit Id	
N0081	D				1					date		Effective From Date	
N0083	D				O					date		Effective To Date	
R0071	F	001										CRA-I007: Boundary Point and System Connection Point Data	
MSG	R	1	G									**Message Details**	
N0005	D			1						text(255)		Action Description	
N0024	D			1						text(30)		Authorised Signatory	
N0162	D			1						text(8)		Password	
BP2	R	1-*	G									**Point Details**	
N0039	D			1						text(10)		Point Id	
N0322	D			1						text(2)	Point Type	Point Type	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
R0081	F	001										CRA-I008: Interconnector Registration Details	
MSG	R	1	G									**Message Details**	
N0005	D			1						text(255)		Action Description	
N0024	D			1						text(30)		Authorised Signatory	
N0162	D			1						text(8)		Password	
ICD	R	1-*	G									**Interconnector Details**	
N0099	D			1						text(30)		Interconnector Name	
N0007	D			O						text(80)		Additional Details	
N0098	D			1						text(10)		Interconnector Id	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
R0121	F	001										CRA-I012:CRA Encryption Key	
CED	R	1	G									**CRA Encryption Details**	
N0057	D			1						text(32)		CRA Encryption Key	
N0081	D			1						date		Effective From Date	
R0141	F	001										CRA-I014: Registration Report Sub-flow 1 (BSC Party Registration)	response to CRA-I001
RRH	R	1	G									**Registration Report Header**	
N0193	D			1						text(8)		Requesting Registrant	
N0186	D			1						text(2)	Registration Type	Registration Type	
PD6	R	0-*	G									**BSC Party Details**	
N0339	D			O						text(9)	Action Code	Action Code	
N0046	D			1						text(30)		BSC Party Name	
N0045	D			1						text(8)		BSC Party Id	
PR9	R	0-*		G								**Party Role Details**	
N0339	D				O					text(9)	Action Code	Action Code	
N0161	D				1					text(2)	Organisation Type	Party Type	
N0185	D				1					char	Registration Status	Registration Status	
N0183	D				1					date		Registration Effective From Date	
N0184	D				O					date		Registration Effective To Date	
RA4	R	0-1			G							**Role Address Details**	
N0339	D					O				text(9)	Action Code	Action Code	
N0008	D					1				text(40)		Address Line 1	
N0009	D					O				text(40)		Address Line 2	
N0010	D					O				text(40)		Address Line 3	
N0011	D					O				text(40)		Address Line 4	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
N0012	D					O				text(40)		Address Line 5	
N0013	D					O				text(40)		Address Line 6	
N0014	D					O				text(40)		Address Line 7	
N0015	D					O				text(40)		Address Line 8	
N0016	D					O				text(40)		Address Line 9	
N0176	D					O				text(10)		Post Code	
N0218	D					O				text(15)		Telephone No	
N0100	D					O				text(15)		Fax No	
N0067	D					O				text(80)		E-Mail Address	
SP9	R	0-*		G								**Stage 2 Participant Details**	if the Party is a Stage 2 Participant
N0339	D				O					text(9)	Action Code	Action Code	
N0207	D				1					text(4)		Stage 2 Participant Id	
AU1	R	0-*		G								**Authorised Signatories**	
N0339	D				O					text(9)	Action Code	Action Code	
N0203	D				1					text(30)		Signatory Name	
N0162	D				O					text(8)		Password	"*******" (password is not reported)
N0056	D				O					text(15)		Contact Phone No	
N0067	D				O					text(80)		E-Mail Address	
AU2	R	0-*			G							**Authorisation Levels**	
N0339	D					O				text(9)	Action Code	Action Code	
N0006	D					1				text(2)	Activity	Activity	
N0081	D					1				date		Effective From Date	
N0083	D					O				date		Effective To Date	
SR3	R	0-*		G								**Settlement Report Details**	
N0339	D				O					text(9)	Action Code	Action Code	
N0192	D				1					text(30)		Report Type	
N0065	D				O					text(20)		Distribution Method	
IUD	R	0-*		G								**Interconnector Error Administration Details**	
N0339	D				O					text(9)	Action Code	Action Code	
N0098	D				1					text(10)		Interconnector Id	
N0081	D				1					date		Effective From Date	
N0083	D				O					date		Effective To Date	
R0142	F	001										CRA-I014: Registration Report Sub-flow 2 (Interconnector Administor Registration)	response to CRA-I002
RRH	R	1	G									**Registration Report Header**	
N0193	D			1						text(8)		Requesting Registrant	
N0186	D			1						text(2)	Registration Type	Registration Type	
IAD	R	0-*	G									**Interconnector Administrator Details**	
N0339	D			O						text(9)	Action Code	Action Code	
N0185	D			1						char	Registration Status	Registration Status	
N0095	D			1						text(8)		Interconnector Administrator Id	
EI9	R	0-*		G								**Interconnector Details**	
N0339	D				O					text(9)	Action Code	Action Code	
N0098	D				1					text(10)		Interconnector Id	
IE9	R	0-*			G							**Interconnector Error Administrator Data**	
N0339	D					O				text(9)	Action Code	Action Code	
N0097	D					1				text(8)		Interconnector Error Administrator Id	
N0081	D					1				date		Effective From Date	
N0083	D					O				date		Effective To Date	
R0143	F	001										CRA-I014: Registration Report Sub-flow 3 (BSC Party Agent Registration)	response to CRA-I003

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
RRH	R	1	G									**Registration Report Header**	
N0193	D			1						text(8)		Requesting Registrant	
N0186	D			1						text(2)	Registration Type	Registration Type	
BA3	R	0-1	G									**BSC Party Agent Details**	
N0339	D			O						text(9)	Action Code	Action Code	
N0019	D			1						text(30)		Agent Name	
N0018	D			1						text(8)		Agent Id	
AR3	R	0-*		G								**Agent Role Details**	
N0339	D				O					text(9)	Action Code	Action Code	
N0020	D				1					text(2)	Organisation Type	Agent Type	
N0185	D				1					char	Registration Status	Registration Status	
N0183	D				1					date		Registration Effective From Date	
N0184	D				O					date		Registration Effective To Date	
RA4	R	0-1			G							**Role Address Details**	
N0339	D					O				text(9)	Action Code	Action Code	
N0008	D					1				text(40)		Address Line 1	
N0009	D					O				text(40)		Address Line 2	
N0010	D					O				text(40)		Address Line 3	
N0011	D					O				text(40)		Address Line 4	
N0012	D					O				text(40)		Address Line 5	
N0013	D					O				text(40)		Address Line 6	
N0014	D					O				text(40)		Address Line 7	
N0015	D					O				text(40)		Address Line 8	
N0016	D					O				text(40)		Address Line 9	
N0176	D					O				text(10)		Post Code	
N0218	D					O				text(15)		Telephone No	
N0100	D					O				text(15)		Fax No	
N0067	D					O				text(80)		E-Mail Address	
AC1	R	1			G							**Certification/Accreditation Details**	
N0339	D					O				text(9)	Action Code	Action Code	
N0051	D					1				char	Certification/Accreditation Status	Certification/Accreditation Status	
AU1	R	0-*		G								**Authorised Signatories**	
N0339	D				O					text(9)	Action Code	Action Code	
N0203	D				1					text(30)		Signatory Name	
N0162	D				O					text(8)		Password	"*******" (password is not reported)
N0056	D				O					text(15)		Contact Phone No	
N0067	D				O					text(80)		E-Mail Address	
AU2	R	0-*			G							**Authorisation Levels**	
N0339	D					O				text(9)	Action Code	Action Code	
N0006	D					1				text(2)	Activity	Activity	
N0081	D					1				date		Effective From Date	
N0083	D					O				date		Effective To Date	
R0144	F	001										CRA-I014: Registration Report Sub-flow 4 (BSC Service Agent Registration)	response to CRA-I004
RRH	R	1	G									**Registration Report Header**	
N0193	D			1						text(8)		Requesting Registrant	
N0186	D			1						text(2)	Registration Type	Registration Type	
BP1	R	0-1	G									**BSC Service Agent Details**	
N0339	D			O						text(9)	Action Code	Action Code	
N0019	D			1						text(30)		Agent Name	
N0018	D			1						text(8)		Agent Id	
SR4	R	0-*		G								**Service Agent Role Details**	
N0339	D				O					text(9)	Action Code	Action Code	
N0020	D				1					text(2)	Organisation Type	Agent Type	
N0185	D				1					char	Registration Status	Registration Status	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
N0183	D				1					date		Registration Effective From Date	
N0184	D				O					date		Registration Effective To Date	
SA1	R	0-1			G							**Role Address Details**	
N0339	D					O				text(9)	Action Code	Action Code	
N0008	D					1				text(40)		Address Line 1	
N0009	D					O				text(40)		Address Line 2	
N0010	D					O				text(40)		Address Line 3	
N0011	D					O				text(40)		Address Line 4	
N0012	D					O				text(40)		Address Line 5	
N0013	D					O				text(40)		Address Line 6	
N0014	D					O				text(40)		Address Line 7	
N0015	D					O				text(40)		Address Line 8	
N0016	D					O				text(40)		Address Line 9	
N0176	D					O				text(10)		Post Code	
N0218	D					O				text(15)		Telephone No	
N0100	D					O				text(15)		Fax No	
N0067	D					O				text(80)		E-Mail Address	
R0145	F	002										CRA-I014: Registration Report Sub-flow 5 (BM Unit Registration)	response to CRA-I005
RRH	R	1	G									**Registration Report Header**	
N0193	D			1						text(8)		Requesting Registrant	
N0186	D			1						text(2)	Registration Type	Registration Type	
BU3	R	0-*	G									**BM Unit Details**	
N0339	D			O						text(9)	Action Code	Action Code	
N0185	D			1						char	Registration Status	Registration Status	
N0036	D			1						text(30)		BM Unit Name	
N0034	D			1						text(11)		BM Unit Id	
N0038	D			O						char	BM Unit Type	BM Unit Type	
N0150	D			O						text(9)		NGC BM Unit Name	
N0238	D			O						char		Zone	
N0149	D			O						text(12)		National Grid Reference	
N0116	D			O						text(2)		GSP Group Id	If BM Unit Type is 'E' or 'G' or 'S'
N0115	D			O						decimal(13,3)		Generation Capacity	*MW*
N0064	D			O						decimal(13,3)		Demand Capacity	*MW*
N0233	D			O						decimal(8,7)		Transmission Loss Factor	
N0471	D			O						decimal(11,7)		Credit Assessment Load Factor	Reported as 0.0 for Interconnectors CALF value in business table is decimal(11,7) and capped in flow to decimal(8,7).
N0033	D			O						decimal(13,3)		BM Unit Credit Assessment Import Capability	
N0032	D			O						decimal(13,3)		BM Unit Credit Assessment Export Capability	
N0177	D			O						char	P/C Flag	Production/Consumption Flag	
N0472	D			O						char	P/C Status	Production/Consumption Status	
N0470	D			O						boolean		Exempt Export Flag	
N0469	D			O						boolean		Base TU Flag	
N0110	D			O						boolean		FPN Flag	
N0098	D			O						text(10)		Interconnector Id	If BM Unit Type is 'I'
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
JB2	R	0-*	G									**BM Unit Group Details**	
N0339	D			O						text(9)	Action Code	Action Code	
N0126	D			1						text(11)		Joint BM Unit Id	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
JB3	R	0-*		G								**BM Unit Group Member**	
N0339	D				O					text(9)	Action Code	Action Code	
N0034	D				1					text(11)		BM Unit Id	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
R0145	F	003										CRA-I014: Registration Report Sub-flow 5 (BM Unit Registration)	response to CRA-I001
RRH	R	1	G									**Registration Report Header**	
N0193	D			1						text(8)		Requesting Registrant	
N0186	D			1						text(2)	Registration Type	Registration Type	
BU3	R	0-*	G									**BM Unit Details**	
N0339	D			O						text(9)	Action Code	Action Code	
N0185	D			1						char	Registration Status	Registration Status	
N0036	D			1						text(30)		BM Unit Name	
N0034	D			1						text(11)		BM Unit Id	
N0038	D			O						char	BM Unit Type	BM Unit Type	
N0150	D			O						text(9)		NGC BM Unit Name	
N0238	D			O						char		Zone	
N0149	D			O						text(12)		National Grid Reference	
N0116	D			O						text(2)		GSP Group Id	
N0115	D			O						decimal(13,3)		Generation Capacity	
N0064	D			O						decimal(13,3)		Demand Capacity	
N0233	D			O						decimal(8,7)		Transmission Loss Factor	
N0471	D			O						decimal(11,7)		Credit Assessment Load Factor	CALF value in business table is decimal(11,7) and capped in flow to decimal(8,7).
N0033	D			O						decimal(13,3)		BM Unit Credit Assessment Import Capability	
N0032	D			O						decimal(13,3)		BM Unit Credit Assessment Export Capability	
N0177	D			O						char	P/C Flag	Production/Consumption Flag	
N0472	D			O						char	P/C Status	Production/Consumption Status	
N0470	D			O						boolean		Exempt Export Flag	
N0511	D			O						boolean		Manual Credit Qualifying Flag	
N0512	D			O						boolean		Credit Qualifying Status	
N0469	D			O						boolean		Base TU Flag	
N0110	D			O						boolean		FPN Flag	
N0098	D			O						text(10)		Interconnector Id	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
JB2	R	0-*	G									**BM Unit Group Details**	
N0339	D			O						text(9)	Action Code	Action Code	
N0126	D			1						text(11)		Joint BM Unit Id	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
JB3	R	0-*		G								**BM Unit Group Member**	
N0339	D				O					text(9)	Action Code	Action Code	
N0034	D				1					text(11)		BM Unit Id	
R0145	F	004										CRA-I014: Registration Report Sub-flow 5 (BM Unit Registration)	response to CRA-I001
RRH	R	1	G									**Registration Report Header**	
N0193	D			1						text(8)		Requesting Registrant	
N0186	D			1						text(2)	Registration Type	Registration Type	
BU3	R	0-*	G									**BM Unit Details**	
N0339	D			O						text(9)	Action Code	Action Code	
N0185	D			1						char	Registration Status	Registration Status	
N0036	D			1						text(30)		BM Unit Name	
N0034	D			1						text(11)		BM Unit Id	
N0038	D			O						char	BM Unit Type	BM Unit Type	
N0150	D			O						text(9)		NGC BM Unit Name	
N0238	D			O						char		Zone	
N0149	D			O						text(12)		National Grid Reference	
N0116	D			O						text(2)		GSP Group Id	
N0115	D			O						decimal(13,3)		Generation Capacity	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
N0064	D			O						decimal(13,3)		Demand Capacity	
N0233	D			O						decimal(8,7)		Transmission Loss Factor	
N0471	D			O						decimal(11,7)		Credit Assessment Load Factor	CALF value in business table is decimal(11,7) and capped in flow to decimal(8,7).
N0555	D			O						decimal(11,7)		Supplier Export Credit Assessment Load Factor	SECALF value in business table is decimal(11,7) and capped in flow to decimal(8,7).
N0033	D			O						decimal(13,3)		BM Unit Credit Assessment Import Capability	
N0032	D			O						decimal(13,3)		BM Unit Credit Assessment Export Capability	
N0177	D			O						char	P/C Flag	Production/Consumption Flag	
N0472	D			O						char	P/C Status	Production/Consumption Status	
N0470	D			O						boolean		Exempt Export Flag	
N0511	D			O						boolean		Manual Credit Qualifying Flag	
N0512	D			O						boolean		Credit Qualifying Status	
N0469	D			O						boolean		Base TU Flag	
N0110	D			O						boolean		FPN Flag	
N0098	D			O						text(10)		Interconnector Id	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
JB2	R	0-*	G									**BM Unit Group Details**	
N0339	D			O						text(9)	Action Code	Action Code	
N0126	D			1						text(11)		Joint BM Unit Id	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
JB3	R	0-*		G								**BM Unit Group Member**	
N0339	D				O					text(9)	Action Code	Action Code	
N0034	D				1					text(11)		BM Unit Id	
R0145	F	005										CRA-I014: Registration Report Sub-flow 5 (BM Unit Registration)	response to CRA-I001
RRH	R	1	G									**Registration Report Header**	
N0193	D			1						text(8)		Requesting Registrant	
N0186	D			1						text(2)	Registration Type	Registration Type	
BU3	R	0-*	G									**BM Unit Details**	
N0339	D			O						text(9)	Action Code	Action Code	
N0185	D			1						char	Registration Status	Registration Status	
N0036	D			1						text(30)		BM Unit Name	
N0034	D			1						text(11)		BM Unit Id	
N0038	D			O						char	BM Unit Type	BM Unit Type	
N0150	D			O						text(9)		NGC BM Unit Name	
N0238	D			O						char		Zone	
N0149	D			O						text(12)		National Grid Reference	
N0116	D			O						text(2)		GSP Group Id	
N0115	D			O						decimal(13,3)		Generation Capacity	
N0064	D			O						decimal(13,3)		Demand Capacity	
N0233	D			O						decimal(8,7)		Transmission Loss Factor	
N0577	D			O						decimal(11,7)		Working Day Credit Assessment Load Factor	WDCALF value in business table is decimal(11,7) and capped in flow to decimal(8,7).
N0580	D			O						decimal(11,7)		Non-Working Day Credit Assessment Load Factor	NWDCALF value in business table is decimal(11,7) and capped in flow to decimal(8,7).
N0555	D			O						decimal(11,7)		Supplier Export Credit Assessment Load Factor	SECALF value in business table is decimal(11,7) and capped in flow to decimal(8,7).
N0576	D			O						decimal(8,3)		Working Day Bm Unit Credit Assessment Import Capability	
N0579	D			O						decimal(8,3)		Non-Working Day Bm Unit Credit Assessment Import Capability	
N0575	D			O						decimal(8,3)		Working Day Bm Unit Credit Assessment Export Capability	
N0578	D			O						decimal(8,3)		Non-Working Day Bm Unit Credit Assessment Export Capability	
N0177	D			O						char	P/C Flag	Production/Consumption Flag	
N0472	D			O						char	P/C Status	Production/Consumption Status	
N0470	D			O						boolean		Exempt Export Flag	
N0511	D			O						boolean		Manual Credit Qualifying Flag	
N0512	D			O						boolean		Credit Qualifying Status	
N0469	D			O						boolean		Base TU Flag	
N0110	D			O						boolean		FPN Flag	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
N0098	D			O						text(10)		Interconnector Id	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
JB2	R	0-*	G									**BM Unit Group Details**	
N0339	D			O						text(9)	Action Code	Action Code	
N0126	D			1						text(11)		Joint BM Unit Id	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
JB3	R	0-*		G								**BM Unit Group Member**	
N0339	D				O					text(9)	Action Code	Action Code	
N0034	D				1					text(11)		BM Unit Id	
R0146	F	001										CRA-I014: Registration Report Sub-flow 6 (Trading Unit Registration)	response to CRA-I006
RRH	R	1	G									**Registration Report Header**	
N0193	D			1						text(8)		Requesting Registrant	
N0186	D			1						text(2)	Registration Type	Registration Type	
TUD	R	0-*	G									**Trading Unit Details**	
N0339	D			O						text(9)	Action Code	Action Code	
N0185	D			1						char	Registration Status	Registration Status	
N0232	D			1						text(30)		Trading Unit Name	
BU5	R	0-*		G								**BM Unit Details**	
N0339	D				O					text(9)	Action Code	Action Code	
N0034	D				1					text(11)		BM Unit Id	
N0081	D				1					date		Effective From Date	
N0083	D				O					date		Effective To Date	
R0147	F	001										CRA-I014: Registration Report Sub-flow 7 (Boundary Point Registration)	response to CRA-I007
RRH	R	1	G									**Registration Report Header**	
N0193	D			1						text(8)		Requesting Registrant	
N0186	D			1						text(2)	Registration Type	Registration Type	
BP9	R	0-*	G									**Point Details**	
N0339	D			O						text(9)	Action Code	Action Code	
N0185	D			1						char	Registration Status	Registration Status	
N0039	D			1						text(10)		Point Id	
N0322	D			1						text(2)	Point Type	Point Type	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
R0148	F	001										CRA-I014: Registration Report Sub-flow 8 (Interconnector Registration)	response to CRA-I008
RRH	R	1	G									**Registration Report Header**	
N0193	D			1						text(8)		Requesting Registrant	
N0186	D			1						text(2)	Registration Type	Registration Type	
EID	R	0-*	G									**Interconnector Details**	
N0339	D			O						text(9)	Action Code	Action Code	
N0185	D			1						char	Registration Status	Registration Status	
N0099	D			1						text(30)		Interconnector Name	
N0007	D			O						text(80)		Additional Details	
N0098	D			O						text(10)		Interconnector Id	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
R0149	F	001										CRA-I014: Registration Report Sub-flow 9 (GSP Group Registration)	response to CRA-I0027 GSP groups
RRH	R	1	G									**Registration Report Header**	
N0193	D			1						text(8)		Requesting Registrant	
N0186	D			1						text(2)	Registration Type	Registration Type	
GGD	R	0-*	G									**GSP Group Details**	
N0339	D			O						text(9)	Action Code	Action Code	
N0185	D			1						char	Registration Status	Registration Status	
N0116	D			O						text(2)		GSP Group Id	
N0117	D			1						text(30)		GSP Group Name	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
R014A	F	001										CRA-I014: Registration Report Sub-flow 10 (GSP Registration)	response to CRA-I0027 GSP
RR2	R	1	G									**Registration Report Header**	
N0193	D			1						text(8)		Requesting Registrant	
N0186	D			1						text(2)	Registration Type	Registration Type	
GPD	R	0-*	G									**GSP Details**	
N0339	D			O						text(9)	Action Code	Action Code	
N0185	D			1						char	Registration Status	Registration Status	
N0119	D			1						text(10)		GSP Id	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
R014B	F	001										CRA-I014: Registration Report Sub-flow 11 (Inter-GSP-Group Connection Registration)	response to CRA-I0027 inter-GSP connectors
RRH	R	1	G									**Registration Report Header**	
N0193	D			1						text(8)		Requesting Registrant	
N0186	D			1						text(2)	Registration Type	Registration Type	
IGG	R	0-*	G									**Inter-GSP-Group Connection Details**	
N0339	D			O						text(9)	Action Code	Action Code	
N0185	D			1						char	Registration Status	Registration Status	
N0298	D			1						text(10)		Inter-GSP-Group Connection Id	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
R014C	F	001										CRA-I014: Registration Report Sub-flow 12 (Metering System Registration)	response to CRA-I0031
RRH	R	1	G									**Registration Report Header**	
N0193	D			1						text(8)		Requesting Registrant	
N0186	D			1						text(2)	Registration Type	Registration Type	
MS3	R	0-*	G									**Metering System Details**	
N0339	D			O						text(9)	Action Code	Action Code	
N0185	D			1						char	Registration Status	Registration Status	
N0142	D			1						text(13)		Metering System Id	
N0135	D			O						text(8)		Meter Operator Agent Id	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
R0211	F	001										CRA-I021: Registered Sevice List	
BPA	R	0-*	G									**BSC Party Agent Details**	
N0019	D			1						text(30)		Agent Name	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
N0018	D			1						text(8)		Agent Id	
AR1	R	0-*		G								**Agent Role Details**	
N0020	D				1					text(2)	Organisation Type	Agent Type	
N0081	D				1					date		Effective From Date	
N0083	D				O					date		Effective To Date	
RAD	R	0-1			G							**Role Address Details**	
N0008	D					1				text(40)		Address Line 1	
N0009	D					O				text(40)		Address Line 2	
N0010	D					O				text(40)		Address Line 3	
N0011	D					O				text(40)		Address Line 4	
N0012	D					O				text(40)		Address Line 5	
N0013	D					O				text(40)		Address Line 6	
N0014	D					O				text(40)		Address Line 7	
N0015	D					O				text(40)		Address Line 8	
N0016	D					O				text(40)		Address Line 9	
N0176	D					O				text(10)		Post Code	
N0218	D					O				text(15)		Telephone No	
N0100	D					O				text(15)		Fax No	
N0067	D					O				text(80)		E-Mail Address	
ACD	R	0-1			G							**Certification/Accreditation Details**	
N0051	D					1				char	Certification/Accreditation Status	Certification/Accreditation Status	
BSA	R	0-*	G									**BSC Service Agent Details**	
N0019	D			1						text(30)		Agent Name	
N0018	D			1						text(8)		Agent Id	
SRD	R	0-*		G								**Service Agent Role Details**	
N0020	D				1					text(2)	Organisation Type	Agent Type	
N0081	D				1					date		Effective From Date	
N0083	D				O					date		Effective To Date	
SAD	R	0-1			G							**Role Address Details**	
N0008	D					1				text(40)		Address Line 1	
N0009	D					O				text(40)		Address Line 2	
N0010	D					O				text(40)		Address Line 3	
N0011	D					O				text(40)		Address Line 4	
N0012	D					O				text(40)		Address Line 5	
N0013	D					O				text(40)		Address Line 6	
N0014	D					O				text(40)		Address Line 7	
N0015	D					O				text(40)		Address Line 8	
N0016	D					O				text(40)		Address Line 9	
N0176	D					O				text(10)		Post Code	
N0218	D					O				text(15)		Telephone No	
N0100	D					O				text(15)		Fax No	
N0067	D					O				text(80)		E-Mail Address	
R0241	F	001										CRA-I024: Certification & Accreditation Report	
PA1	R	0-*	G									**BSC Party Agent Details**	
N0339	D			O						text(9)	Action Code	Action Code	
N0019	D			1						text(30)		Agent Name	
N0018	D			1						text(8)		Agent Id	
AR4	R	0-*		G								**Agent Role Details**	
N0339	D				O					text(9)	Action Code	Action Code	
N0020	D				1					text(2)	Organisation Type	Agent Type	
N0081	D				1					date		Effective From Date	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
N0083	D				O					date		Effective To Date	
RA4	R	0-1			G							**Role Address Details**	
N0339	D					O				text(9)	Action Code	Action Code	
N0008	D					1				text(40)		Address Line 1	
N0009	D					O				text(40)		Address Line 2	
N0010	D					O				text(40)		Address Line 3	
N0011	D					O				text(40)		Address Line 4	
N0012	D					O				text(40)		Address Line 5	
N0013	D					O				text(40)		Address Line 6	
N0014	D					O				text(40)		Address Line 7	
N0015	D					O				text(40)		Address Line 8	
N0016	D					O				text(40)		Address Line 9	
N0176	D					O				text(10)		Post Code	
N0218	D					O				text(15)		Telephone No	
N0100	D					O				text(15)		Fax No	
N0067	D					O				text(80)		E-Mail Address	
AC1	R	1			G							**Certification/Accreditation Details**	
N0339	D					O				text(9)	Action Code	Action Code	
N0051	D					1				char	Certification/Accreditation Status	Certification/Accreditation Status	
BS3	R	0-*	G									**BSC Service Agent Details**	
N0339	D			O						text(9)	Action Code	Action Code	
N0019	D			1						text(30)		Agent Name	
N0018	D			1						text(8)		Agent Id	
RD1	R	0-*		G								**Service Agent Role Details**	
N0339	D				O					text(9)	Action Code	Action Code	
N0020	D				1					text(2)	Organisation Type	Agent Type	
N0081	D				1					date		Effective From Date	
N0083	D				O					date		Effective To Date	
RA5	R	0-1			G							**Role Address Details**	
N0339	D					O				text(9)	Action Code	Action Code	
N0008	D					1				text(40)		Address Line 1	
N0009	D					O				text(40)		Address Line 2	
N0010	D					O				text(40)		Address Line 3	
N0011	D					O				text(40)		Address Line 4	
N0012	D					O				text(40)		Address Line 5	
N0013	D					O				text(40)		Address Line 6	
N0014	D					O				text(40)		Address Line 7	
N0015	D					O				text(40)		Address Line 8	
N0016	D					O				text(40)		Address Line 9	
N0176	D					O				text(10)		Post Code	
N0218	D					O				text(15)		Telephone No	
N0100	D					O				text(15)		Fax No	
N0067	D					O				text(80)		E-Mail Address	
R0271	F	001										CRA-I027: GSP Group and GSP Registration	
GRH	R	1	G									**GSP Group Registration Header**	
N0005	D			1						text(255)		Action Description	Create' 'Edit' or 'Delete'
N0159	D			1						text(30)		Party Authentication Name	
N0160	D			1						text(8)		Party Authentication Password	
GG3	R	1-*	G									**GSP Group Details**	
N0116	D			O						text(2)		GSP Group Id	
N0117	D			1						text(30)		GSP Group Name	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
GP2	R	0-*	G									**GSP Details**	
N0119	D			1						text(10)		GSP Id	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
IG2	R	0-*	G									**Inter-GSP-Group Connection Details**	
N0298	D			1						text(10)		Inter-GSP-Group Connection Id	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
R0311	F	001										CRA-I031: Metering System Data	
MSH	R	1	G									**Metering System Registration Header**	
N0005	D			1						text(255)		Action Description	Create' 'Edit' or 'Delete'
N0159	D			1						text(30)		Party Authentication Name	
N0160	D			1						text(8)		Party Authentication Password	
MS2	R	1-*	G									**Metering System Details**	
N0142	D			1						text(13)		Metering System Id	
N0135	D			O						text(8)		Meter Operator Agent Id	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
E0021	F	001										ECVAA-I002: ECVNAA Data	Manual Flow included in spreadsheet to provide clarification on content
CPD	R	1	G									**Counter Party Details**	
N0068	D			1						text(8)		ECV Party 1 Id	
N0069	D			1						text(30)		ECV Party 1 Name	
N0071	D			1						char	P/C Flag	ECV Party 1 Production/Consumption Flag	
N0072	D			1						text(8)		ECV Party 2 Id	
N0073	D			1						text(30)		ECV Party 2 Name	
N0075	D			1						char	P/C Flag	ECV Party 2 Production/Consumption Flag	
EAR	R	1	G									**ECVNAA Request**	
N0078	D			1						text(8)		ECVNA Id	
N0079	D			1						text(30)		ECVNA Name	
N0080	D			O						text(10)		ECVNAA Id	if termination or key change request
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
E0021	F	002										ECVAA-I002: ECVNAA Data	Manual Flow included in spreadsheet to provide clarification on content
CPD	R	1	G									**Counter Party Details**	
N0068	D			1						text(8)		ECV Party 1 Id	
N0069	D			1						text(30)		ECV Party 1 Name	
N0071	D			1						char	P/C Flag	ECV Party 1 Production/Consumption Flag	
N0072	D			1						text(8)		ECV Party 2 Id	
N0073	D			1						text(30)		ECV Party 2 Name	
N0075	D			1						char	P/C Flag	ECV Party 2 Production/Consumption Flag	
EAR	R	1	G									**ECVNAA Request**	
N0078	D			1						text(8)		ECVNA Id	
N0079	D			1						text(30)		ECVNA Name	
N0080	D			O						text(10)		ECVNAA Id	if termination or key change request
N0477	D			O						boolean		Associated VNNR Indicator	if termination request
N0081	D			O						date		Effective From Date	Null if termination request
N0083	D			O						date		Effective To Date	
E0021	F	003										ECVAA-I002: ECVNAA Data	Manual Flow included in spreadsheet to provide clarification on content
CPD	R	1	G									**Counter Party Details**	
N0068	D			1						text(8)		ECV Party 1 Id	
N0069	D			1						text(30)		ECV Party 1 Name	
N0071	D			1						char	P/C Flag	ECV Party 1 Production/Consumption Flag	
N0072	D			1						text(8)		ECV Party 2 Id	
N0073	D			1						text(30)		ECV Party 2 Name	
N0075	D			1						char	P/C Flag	ECV Party 2 Production/Consumption Flag	
EAR	R	1	G									**ECVNAA Request**	
N0078	D			1						text(8)		ECVNA Id	
N0079	D			1						text(30)		ECVNA Name	
N0478	D			O						text(8)		ECVNA Id 2	
N0479	D			O						text(30)		ECVNA Name 2	
N0080	D			O						text(10)		ECVNAA Id	if termination or key change request
N0477	D			O						boolean		Associated VNNR Indicator	if termination request
N0480	D			O						text(1)	Report Req Set	Report Requirement	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
N0081	D			O						date		Effective From Date	Null if termination request
N0083	D			O						date		Effective To Date	
E0021	F	004										ECVAA-I002: ECVNAA Data	Manual Flow included in spreadsheet to provide clarification on content
CPD	R	1	G									**Counter Party Details**	
N0068	D			1						text(8)		ECV Party 1 Id	
N0069	D			1						text(30)		ECV Party 1 Name	
N0071	D			1						char	P/C Flag	ECV Party 1 Production/Consumption Flag	
N0072	D			1						text(8)		ECV Party 2 Id	
N0073	D			1						text(30)		ECV Party 2 Name	
N0075	D			1						char	P/C Flag	ECV Party 2 Production/Consumption Flag	
EAR	R	1	G									**ECVNAA Request**	
N0574	D			1						boolean		Authorization Change	T (True) or F(False)
N0078	D			1						text(8)		ECVNA Id	
N0079	D			1						text(30)		ECVNA Name	
N0478	D			O						text(8)		ECVNA Id 2	
N0479	D			O						text(30)		ECVNA Name 2	
N0080	D			O						text(10)		ECVNAA Id	if termination or key change request
N0477	D			O						boolean		Associated VNNR Indicator	if termination request
N0480	D			O						text(1)	Report Req Set	Report Requirement	
N0081	D			O						date		Effective From Date	Null if termination request
N0083	D			O						date		Effective To Date	
N0565	D			1						char	Notification Amendment Type	Notification Amendment Type	A (addition) or R (Replacement) or B (Both)
N0573	D			1						datetime		Notification Amendment Type Effective From Date	
E0031	F	001										ECVAA-I003: MVRNAA Data	Manual Flow included in spreadsheet to provide clarification on content
LSD	R	1	G									**Lead Subsidiary Party Pair Details**	
N0034	D			1						text(11)		BM Unit Id	
N0127	D			1						text(8)		Lead Party Id	
N0128	D			1						text(30)		Lead Party Name	
N0129	D			1						char	P/C Flag	Lead Party Production/Consumption Flag	
N0208	D			1						text(8)		Subsidiary Party Id	
N0210	D			1						text(30)		Subsidiary Party Name	
N0209	D			1						char	P/C Flag	Subsidiary Party Production/Consumption Flag	
MAR	R	1	G									**Meter Volume Reallocations**	
N0145	D			1						text(8)		MVRNA Id	
N0146	D			1						text(30)		MVRNA Name	
N0147	D			O						text(10)		MVRNAA Id	if termination or key change request
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
E0031	F	002										ECVAA-I003: MVRNAA Data	Manual Flow included in spreadsheet to provide clarification on content
LSD	R	1	G									**Lead Subsidiary Party Pair Details**	
N0034	D			1						text(11)		BM Unit Id	
N0127	D			1						text(8)		Lead Party Id	
N0128	D			1						text(30)		Lead Party Name	
N0129	D			1						char	P/C Flag	Lead Party Production/Consumption Flag	
N0208	D			1						text(8)		Subsidiary Party Id	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
N0210	D			1						text(30)		Subsidiary Party Name	
N0209	D			1						char	P/C Flag	Subsidiary Party Production/Consumption Flag	
MAR	R	1	G									**Meter Volume Reallocations**	
N0145	D			1						text(8)		MVRNA Id	
N0146	D			1						text(30)		MVRNA Name	
N0147	D			O						text(10)		MVRNAA Id	if termination or key change request
N0477	D			O						boolean		Associated VNNR Indicator	if termination request
N0081	D			O						date		Effective From Date	Null if termination request
N0083	D			O						date		Effective To Date	
E0031	F	003										ECVAA-I003: MVRNAA Data	Manual Flow included in spreadsheet to provide clarification on content
LSD	R	1	G									**Lead Subsidiary Party Pair Details**	
N0034	D			1						text(11)		BM Unit Id	
N0127	D			1						text(8)		Lead Party Id	
N0128	D			1						text(30)		Lead Party Name	
N0129	D			1						char	P/C Flag	Lead Party Production/Consumption Flag	
N0208	D			1						text(8)		Subsidiary Party Id	
N0210	D			1						text(30)		Subsidiary Party Name	
N0209	D			1						char	P/C Flag	Subsidiary Party Production/Consumption Flag	
MAR	R	1	G									**Meter Volume Reallocations**	
N0145	D			1						text(8)		MVRNA Id	
N0146	D			1						text(30)		MVRNA Name	
N0481	D			O						text(8)		MVRNA Id 2	
N0482	D			O						text(30)		MVRNA Name 2	
N0147	D			O						text(10)		MVRNAA Id	if termination or key change request
N0477	D			O						boolean		Associated VNNR Indicator	if termination request
N0480	D			O						text(1)	Report Req Set	Report Requirement	
N0081	D			O						date		Effective From Date	Null if termination request
N0083	D			O						date		Effective To Date	
E0041	F	001										ECVAA-I004: ECVNs	
EDN	R	1	G									**ECVNs**	
N0080	D			1						text(10)		ECVNAA Id	
N0297	D			1						text(10)		ECVNAA Key	
N0310	D			1						text(10)		ECVN ECVNAA Id	
N0077	D			1						text(10)		ECVN Reference Code	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
OTD	R	0-1		G								**Omitted Data No Change**	Added to version 001 for P98 (currently disabled)
N0483	D				1					boolean		No Change to Existing Data	Added to version 001 for P98 (currently disabled)
CD9	R	0-*		G								**Energy Contract Volumes**	
N0201	D				1					integer(2)		Settlement Period	
N0085	D				1					decimal(10,3)		energy contract volume	*MWh* ; volume from party 1 to party 2 signed
E0051	F	001										ECVAA-I005: MVRNs	
MVN	R	1	G									**MVRNs**	
N0147	D			1						text(10)		MVRNAA Id	
N0148	D			1						text(10)		MVRNAA key	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
N0311	D			1						text(10)		MVRN MVRNAA Id	
N0144	D			1						text(10)		MVRN Reference Code	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
OTD	R	0-1		G								**Omitted Data No Change**	Added to version 001 for P98 (currently disabled)
N0483	D				1					boolean		No Change to Existing Data	Added to version 001 for P98 (currently disabled)
MV2	R	0-*		G								**MVR reallocations**	
N0201	D				1					integer(2)		Settlement Period	
N0140	D				1					decimal(10,3)		Metered Volume Fixed Reallocation	*MWh*
N0141	D				1					decimal(8,5)		Metered Volume Percentage Reallocation	
E0071	F	001										ECVAA-I007: ECVNAA Feedback (Confirmation)	Version 1 is the default
CPD	R	1	G									**Counter Party Details**	
N0068	D			1						text(8)		ECV Party 1 Id	
N0069	D			1						text(30)		ECV Party 1 Name	
N0071	D			1						char	P/C Flag	ECV Party 1 Production/Consumption Flag	
N0072	D			1						text(8)		ECV Party 2 Id	
N0073	D			1						text(30)		ECV Party 2 Name	
N0075	D			1						char	P/C Flag	ECV Party 2 Production/Consumption Flag	
ER2	R	1	G									**ECVNAA Request**	
N0078	D			1						text(8)		ECVNA Id	
N0079	D			1						text(30)		ECVNA Name	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
TMD	R	0-1	G									**Termination Details**	
N0341	D			1						text(80)		Termination Reason	
EAD	R	1	G									**ECVNAA Details**	
N0080	D			1						text(10)		ECVNAA Id	
N0297	D			O						text(10)		ECVNAA Key	only if recipient is the ECVNA
N0081	D			O						date		Effective From Date	only if recipient is the ECVNA
E0071	F	002										ECVAA-I007: ECVNAA Feedback (Confirmation)	Version 1 is the default; available from 03/11/04
CPD	R	1	G									**Counter Party Details**	
N0068	D			1						text(8)		ECV Party 1 Id	
N0069	D			1						text(30)		ECV Party 1 Name	
N0071	D			1						char	P/C Flag	ECV Party 1 Production/Consumption Flag	
N0072	D			1						text(8)		ECV Party 2 Id	
N0073	D			1						text(30)		ECV Party 2 Name	
N0075	D			1						char	P/C Flag	ECV Party 2 Production/Consumption Flag	
ER2	R	1	G									**ECVNAA Request**	
N0078	D			1						text(8)		ECVNA Id	
N0079	D			1						text(30)		ECVNA Name	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
EVD	R	0-1	G									**ECVNAA Additional Details**	Only included for dual agent ECVNAAs
N0478	D			1						text(8)		ECVNA Id 2	
N0479	D			1						text(30)		ECVNA Name 2	
N0480	D			1						text(1)	Report Req Set	Report Requirement	specific to recipient
TMD	R	0-1	G									**Termination Details**	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
N0341	D			1						text(80)		Termination Reason	
EAD	R	1	G									**ECVNAA Details**	
N0080	D			1						text(10)		ECVNAA Id	
N0297	D			O						text(10)		ECVNAA Key	only if recipient is an ECVNA; data relevant to recipient
N0081	D			O						date		Effective From Date	only if recipient is an ECVNA; data relevant to recipient
E0071	F	003										ECVAA-I007: ECVNAA Feedback (Confirmation)	
CPD	R	1	G									**Counter Party Details**	
N0068	D			1						text(8)		ECV Party 1 Id	
N0069	D			1						text(30)		ECV Party 1 Name	
N0071	D			1						char	P/C Flag	ECV Party 1 Production/Consumption Flag	
N0072	D			1						text(8)		ECV Party 2 Id	
N0073	D			1						text(30)		ECV Party 2 Name	
N0075	D			1						char	P/C Flag	ECV Party 2 Production/Consumption Flag	
ER2	R	1	G									**ECVNAA Request**	
N0078	D			1						text(8)		ECVNA Id	
N0079	D			1						text(30)		ECVNA Name	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
N0565	D			1						char	Notification Amendment Type	Notification Amendment Type	A (addition) or R (Replacement) or B (Both)
EVD	R	0-1	G									**ECVNAA Additional Details**	Only included for dual agent ECVNAAs
N0478	D			1						text(8)		ECVNA Id 2	
N0479	D			1						text(30)		ECVNA Name 2	
N0480	D			1						text(1)	Report Req Set	Report Requirement	specific to recipient
TMD	R	0-1	G									**Termination Details**	
N0341	D			1						text(80)		Termination Reason	
EAD	R	1	G									**ECVNAA Details**	
N0080	D			1						text(10)		ECVNAA Id	
N0297	D			O						text(10)		ECVNAA Key	only if recipient is an ECVNA; data relevant to recipient
N0081	D			O						date		Effective From Date	only if recipient is an ECVNA; data relevant to recipient
E0081	F	001										ECVAA-I008: MVRNAA Feedback (Confirmation)	Version 1 is the default
LSD	R	1	G									**Lead Subsidiary Party Pair Details**	
N0034	D			1						text(11)		BM Unit Id	
N0127	D			1						text(8)		Lead Party Id	
N0128	D			1						text(30)		Lead Party Name	
N0129	D			1						char	P/C Flag	Lead Party Production/Consumption Flag	
N0208	D			1						text(8)		Subsidiary Party Id	
N0210	D			1						text(30)		Subsidiary Party Name	
N0209	D			1						char	P/C Flag	Subsidiary Party Production/Consumption Flag	
MA9	R	1	G									**MVRNAA request**	
N0145	D			1						text(8)		MVRNA Id	
N0146	D			1						text(30)		MVRNA Name	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
TMD	R	0-1	G									**Termination Details**	
N0341	D			1						text(80)		Termination Reason	
MAD	R	1	G									**MVRNAA Details**	
N0147	D			1						text(10)		MVRNAA Id	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
N0148	D			O						text(10)		MVRNAA Key	only if recipient is the MVRNA
N0081	D			O						date		Effective From Date	only if recipient is the ECVNA
E0081	F	002										ECVAA-I008: MVRNAA Feedback (Confirmation)	Version 1 is the default; available from 03/11/04
LSD	R	1	G									**Lead Subsidiary Party Pair Details**	
N0034	D			1						text(11)		BM Unit Id	
N0127	D			1						text(8)		Lead Party Id	
N0128	D			1						text(30)		Lead Party Name	
N0129	D			1						char	P/C Flag	Lead Party Production/Consumption Flag	
N0208	D			1						text(8)		Subsidiary Party Id	
N0210	D			1						text(30)		Subsidiary Party Name	
N0209	D			1						char	P/C Flag	Subsidiary Party Production/Consumption Flag	
MA9	R	1	G									**MVRNAA request**	
N0145	D			1						text(8)		MVRNA Id	
N0146	D			1						text(30)		MVRNA Name	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
MRD	R	0-1	G									**MVRNAA Additional Details**	only included for dual agent MVRNAAs
N0481	D			1						text(8)		MVRNA Id 2	
N0482	D			1						text(30)		MVRNA Name 2	
N0480	D			1						text(1)	Report Req Set	Report Requirement	specific to recipient
TMD	R	0-1	G									**Termination Details**	
N0341	D			1						text(80)		Termination Reason	
MAD	R	1	G									**MVRNAA Details**	
N0147	D			1						text(10)		MVRNAA Id	
N0148	D			O						text(10)		MVRNAA Key	only if recipient is an MVRNA; data relevant to recipient
N0081	D			O						date		Effective From Date	only if recipient is an MVRNA; data relevant to recipient
E0091	F	001										ECVAA-I009: ECVN Feedback	
EDX	R	1	G									**Energy Contract Day rejection**	
N0078	D			1						text(8)		ECVNA Id	
N0080	D			1						text(10)		ECVNAA Id	
N0310	D			1						text(10)		ECVN ECVNAA Id	
N0077	D			1						text(10)		ECVN Reference Code	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
N0187	D			1						text(80)		rejection reason	
CD2	R	0-*		G								**Energy Contract Day volumes**	
N0201	D				1					integer(2)		Settlement Period	
N0085	D				O					decimal(10,3)		Energy Contract Volume	*MWh* volume from party 1 to party 2 signed
E0101	F	001										ECVAA-I010: MVRN Feedback	
MVX	R	1	G									**MVR rejections**	
N0145	D			1						text(8)		MVRNA Id	
N0147	D			1						text(10)		MVRNAA Id	
N0311	D			1						text(10)		MVRN MVRNAA Id	
N0144	D			1						text(10)		MVRN Reference Code	
N0081	D			1						date		Effective From Date	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
N0083	D			O						date		Effective To Date	
N0187	D			1						text(80)		Rejection Reason	
MV8	R	0-*		G								**MVR reallocations**	
N0201	D				1					integer(2)		Settlement Period	
N0140	D				1					decimal(10,3)		Metered Volume Fixed Reallocation	*MWh*
N0141	D				1					decimal(8,5)		Metered Volume Percentage Reallocation	
E0131	F	001										ECVAA-I013: Authorisation Report: Sub-flow 1	Version 1 is the default
EAH	R	1	G									**ECVNAA Header**	
N0191	D			1						date		Report Start Date	
N0188	D			1						date		Report End Date	
CP2	R	1-*	G									**Counter Party Details**	
N0068	D			1						text(8)		ECV Party 1 Id	
N0069	D			1						text(30)		ECV Party 1 Name	
N0071	D			1						char	P/C Flag	ECV Party 1 Production/Consumption Flag	
N0072	D			1						text(8)		ECV Party 2 Id	
N0073	D			1						text(30)		ECV Party 2 Name	
N0075	D			1						char	P/C Flag	ECV Party 2 Production/Consumption Flag	
EAA	R	1-*		G								**ECVNAA**	
N0078	D				1					text(8)		ECVNA Id	
N0079	D				1					text(30)		ECVNA Name	
N0081	D				1					date		Effective From Date	
N0083	D				O					date		Effective To Date	
N0080	D				1					text(10)		ECVNAA Id	
E0131	F	002										ECVAA-I013: Authorisation Report: Sub-flow 1	Version 1 is the default; available from 03/11/04
EAH	R	1	G									**ECVNAA Header**	
N0191	D			1						date		Report Start Date	
N0188	D			1						date		Report End Date	
CP2	R	1-*	G									**Counter Party Details**	
N0068	D			1						text(8)		ECV Party 1 Id	
N0069	D			1						text(30)		ECV Party 1 Name	
N0071	D			1						char	P/C Flag	ECV Party 1 Production/Consumption Flag	
N0072	D			1						text(8)		ECV Party 2 Id	
N0073	D			1						text(30)		ECV Party 2 Name	
N0075	D			1						char	P/C Flag	ECV Party 2 Production/Consumption Flag	
EAA	R	1-*		G								**ECVNAA**	
N0078	D				1					text(8)		ECVNA Id	
N0079	D				1					text(30)		ECVNA Name	
N0081	D				1					date		Effective From Date	
N0083	D				O					date		Effective To Date	
N0080	D				1					text(10)		ECVNAA Id	
EOD	R	0-1			G							**ECVNAA Optional Details**	only included for dual agent ECVNAAs
N0478	D					1				text(8)		ECVNA Id 2	
N0479	D					1				text(30)		ECVNA Name 2	
N0480	D					1				text(1)	Report Req Set	Report Requirement	specific to recipient
E0132	F	001										ECVAA-I013: Authorisation Report: Sub-flow 2	Version 1 is the default

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
MAH	R	1	G									**MVRNA Header**	
N0191	D			1						date		Report Start Date	
N0188	D			1						date		Report End Date	
LS2	R	1-*	G									**Lead Subsidiary Party Pair Details**	
N0034	D			1						text(11)		BM Unit Id	
N0127	D			1						text(8)		Lead Party Id	
N0128	D			1						text(30)		Lead Party Name	
N0129	D			1						char	P/C Flag	Lead Party Production/Consumption Flag	
N0208	D			1						text(8)		subsIdiary Party Id	
N0210	D			1						text(30)		Subsidiary Party Name	
N0209	D			1						char	P/C Flag	Subsidiary Party Production/Consumption Flag	
MAA	R	1-*		G								**MVRNAA**	
N0145	D				1					text(8)		MVRNA Id	
N0146	D				1					text(30)		MVRNA Name	
N0081	D				1					date		Effective From Date	
N0083	D				O					date		Effective To Date	
N0147	D				1					text(10)		MVRNAA Id	
E0132	F	002										ECVAA-I013: Authorisation Report: Sub-flow 2	Version 1 is the default; available from 03/11/04
MAH	R	1	G									**MVRNA Header**	
N0191	D			1						date		Report Start Date	
N0188	D			1						date		Report End Date	
LS2	R	1-*	G									**Lead Subsidiary Party Pair Details**	
N0034	D			1						text(11)		BM Unit Id	
N0127	D			1						text(8)		Lead Party Id	
N0128	D			1						text(30)		Lead Party Name	
N0129	D			1						char	P/C Flag	Lead Party Production/Consumption Flag	
N0208	D			1						text(8)		subsIdiary Party Id	
N0210	D			1						text(30)		Subsidiary Party Name	
N0209	D			1						char	P/C Flag	Subsidiary Party Production/Consumption Flag	
MAA	R	1-*		G								**MVRNAA**	
N0145	D				1					text(8)		MVRNA Id	
N0146	D				1					text(30)		MVRNA Name	
N0081	D				1					date		Effective From Date	
N0083	D				O					date		Effective To Date	
N0147	D				1					text(10)		MVRNAA Id	
MOD	R	0-1			G							**MVRNAA Optional Details**	only included for dual agent MVRNAAs
N0481	D					1				text(8)		MVRNA Id 2	
N0482	D					1				text(30)		MVRNA Name 2	
N0480	D					1				text(1)	Report Req Set	Report Requirement	specific to recipient
E0141	F	003										ECVAA-I014: Notification Report	This is the default version.
NOH	R	1	G									**Notification Header**	
N0200	D			1						date		Settlement Date	
N0076	D			1						integer(3)		ECVAA Run Number	
DSI	R	0-1		G								**Day Start Indebtedness Data**	to parties only
N0447	D				1					decimal(10,3)		Actual Energy Indebtedness	*MWh*
N0448	D				1					decimal(10,3)		Cumulative CA Energy Indebtedness	*MWh*
AED	R	0-*			G							**Actual Energy Indebtedness Dates**	dates for which AEI is included
N0449	D					1				date		From Settlement Date	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
N0450	D					1				date		To Settlement Date	
SP8	R	1-50		G								**Settlement Period Data**	
N0201	D				1					integer(2)		Settlement Period	
ECN	R	0-*			G							**ECVN Data**	
N0310	D					1				text(10)		ECVN ECVNAA Id	
N0077	D					1				text(10)		ECVN Reference Code	
N0085	D					1				decimal(10,3)		Energy Contract Volume	*MWh;* volume from party 1 to party 2 signed
N0078	D					1				text(8)		ECVNA Id	
N0080	D					1				text(10)		ECVNAA Id	
N0068	D					1				text(8)		ECV Party 1 Id	
N0069	D					1				text(30)		ECV Party 1 Name	
N0070	D					1				char	P/C Flag	ECV Party 1 P/C Flag	
N0072	D					1				text(8)		ECV Party 2 Id	
N0073	D					1				text(30)		ECV Party 2 Name	
N0074	D					1				char	P/C Flag	ECV Party 2 P/C Flag	
MV9	R	0-*			G							**MVRN Data**	
N0311	D					1				text(10)		MVRN MVRNAA Id	
N0144	D					1				text(10)		MVRN Reference Code	
N0140	D					1				decimal(10,3)		Metered Volume Fixed Reallocation	*MWh*
N0141	D					1				decimal(8,5)		Metered Volume Percentage Reallocation	
N0145	D					1				text(8)		MVRNA Id	
N0147	D					1				text(10)		MVRNAA Id	
N0034	D					1				text(11)		BM Unit Id	
N0127	D					1				text(8)		Lead Party Id	
N0128	D					1				text(30)		Lead Party Name	
N0129	D					1				char	P/C Flag	Lead Party Production/Consumption Flag	
N0208	D					1				text(8)		Subsidiary Party Id	
N0210	D					1				text(30)		Subsidiary Party Name	
N0209	D					1				char	P/C Flag	Subsidiary Party Production/Consumption Flag	
IDD	R	0-1			G							**Indebtedness Data**	to parties only
N0061	D					1				decimal(10,3)		Credited Energy Volume	*MWh*
N0331	D					1				decimal(10,3)		Aggregated Energy Contract Volume	*MWh*
N0448	D					1				decimal(10,3)		Cumulative CA Energy Indebtedness	*MWh*
N0451	D					1				decimal(10,3)		Energy Indebtedness	*MWh*
N0332	D					1				decimal(8,5)		Credit Cover Percentage	*%*
N0196	D					1				decimal(13,3)		Credit Limit	*MWh*
CAT	R	1				G						**CA Credited Energy Volume by BMU Type**	
N0495	D						1			decimal(10,3)		Interconnector Credit Assessment Credited Energy Volume	*MWh*
N0496	D						1			decimal(10,3)		Non Interconnector Credit Assessment Credited Energy	*MWh*
ACE	R	2				G						**Account Energy Data**	to parties only
N0177	D						1			char	P/C Flag	Production/Consumption Flag	
N0452	D						1			decimal(10,3)		Account Period CA Credited Energy Volume	*MWh*
N0453	D						1			decimal(10,3)		Account Period Energy Contract Volume	*MWh*
N0454	D						1			decimal(10,3)		Account Cumulative CA Credited Energy Volume	*MWh*
N0455	D						1			decimal(10,3)		Account Cumulative Energy Contract Volume	*MWh*
ACT	R	1					G					**Account Energy Data by BMU Type**	
N0497	D							1		decimal(10,3)		Interconnector Account Period CA Credited Energy Volume	*MWh*
N0498	D							1		decimal(10,3)		Interconnector Account Cumulative CA Credited Energy	*MWh*
N0499	D							1		decimal(10,3)		Non Interconnector Account Period CA Credited Energy	*MWh*
N0500	D							1		decimal(10,3)		Non Interconnector Account Cumulative CA Credited Energy	*MWh*
CL9	R	0-*		G								**Credit Limit Warning Data**	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
N0045	D				1					text(8)		BSC Party Id	
N0046	D				1					text(30)		BSC Party Name	
E0141	F	004										ECVAA-I014: Notification Report	This is the default version.
NOH	R	1	G									**Notification Header**	
N0200	D			1						date		Settlement Date	
N0076	D			1						integer(3)		ECVAA Run Number	
DSI	R	0-1		G								**Day Start Indebtedness Data**	to parties only
N0447	D				1					decimal(10,3)		Actual Energy Indebtedness	MWh
N0510	D				1					decimal(10,3)		Metered Energy Indebtedness	MWh
N0448	D				1					decimal(10,3)		Cumulative CA Energy Indebtedness	MWh
AED	R	0-*			G							**Actual Energy Indebtedness Dates**	dates for which AEI is included
N0449	D					1				date		From Settlement Date	
N0450	D					1				date		To Settlement Date	
MEI	R	0-*			G							**Metered Energy Indebtedness Dates**	dates for which MEI is included
N0449	D					1				date		From Settlement Date	
N0450	D					1				date		To Settlement Date	
SP8	R	1-50		G								**Settlement Period Data**	
N0201	D				1					integer(2)		Settlement Period	
ECN	R	0-*			G							**ECVN Data**	
N0310	D					1				text(10)		ECVN ECVNAA Id	
N0077	D					1				text(10)		ECVN Reference Code	
N0085	D					1				decimal(10,3)		Energy Contract Volume	MWh; volume from party 1 to party 2 signed
N0078	D					1				text(8)		ECVNA Id	
N0080	D					1				text(10)		ECVNAA Id	
N0068	D					1				text(8)		ECV Party 1 Id	
N0069	D					1				text(30)		ECV Party 1 Name	
N0070	D					1				char	P/C Flag	ECV Party 1 P/C Flag	
N0072	D					1				text(8)		ECV Party 2 Id	
N0073	D					1				text(30)		ECV Party 2 Name	
N0074	D					1				char	P/C Flag	ECV Party 2 P/C Flag	
MV9	R	0-*			G							**MVRN Data**	
N0311	D					1				text(10)		MVRN MVRNAA Id	
N0144	D					1				text(10)		MVRN Reference Code	
N0140	D					1				decimal(10,3)		Metered Volume Fixed Reallocation	MWh
N0141	D					1				decimal(8,5)		Metered Volume Percentage Reallocation	
N0145	D					1				text(8)		MVRNA Id	
N0147	D					1				text(10)		MVRNAA Id	
N0034	D					1				text(11)		BM Unit Id	
N0127	D					1				text(8)		Lead Party Id	
N0128	D					1				text(30)		Lead Party Name	
N0129	D					1				char	P/C Flag	Lead Party Production/Consumption Flag	
N0208	D					1				text(8)		Subsidiary Party Id	
N0210	D					1				text(30)		Subsidiary Party Name	
N0209	D					1				char	P/C Flag	Subsidiary Party Production/Consumption Flag	
IDD	R	0-1			G							**Indebtedness Data**	to parties only
N0061	D					1				decimal(10,3)		Credited Energy Volume	MWh
N0331	D					1				decimal(10,3)		Aggregated Energy Contract Volume	MWh
N0448	D					1				decimal(10,3)		Cumulative CA Energy Indebtedness	MWh
N0451	D					1				decimal(10,3)		Energy Indebtedness	MWh

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
N0332	D					1				decimal(8,5)		Credit Cover Percentage	%
N0196	D					1				decimal(13,3)		Credit Limit	MWh
CAT	R	1				G						**CA Credited Energy Volume by BMU Type**	
N0495	D						1			decimal(10,3)		FPN Derived Credit Assessment Credited Energy Volume	MWh
N0496	D						1			decimal(10,3)		Non FPN Derived Credit Assessment Credited Energy Volume	MWh
ACE	R	2				G						**Account Energy Data**	to parties only
N0177	D						1			char	P/C Flag	Production/Consumption Flag	
N0452	D						1			decimal(10,3)		Account Period CA Credited Energy Volume	MWh
N0453	D						1			decimal(10,3)		Account Period Energy Contract Volume	MWh
N0454	D						1			decimal(10,3)		Account Cumulative CA Credited Energy Volume	MWh
N0455	D						1			decimal(10,3)		Account Cumulative Energy Contract Volume	MWh
ACT	R	1					G					**Account Energy Data by BMU Type**	
N0497	D							1		decimal(10,3)		FPN Derived Account Period CA Credited Energy Volume	MWh
N0498	D							1		decimal(10,3)		FPN Derived Account Cumulative CA Credited Energy Volume	MWh
N0499	D							1		decimal(10,3)		Non FPN Derived Account Period CA Credited Energy Volume	MWh
N0500	D							1		decimal(10,3)		Non FPN Derived Account Cumulative CA Credited Energy Volu	MWh
CL9	R	0-*		G								**Credit Limit Warning Data**	
N0045	D				1					text(8)		BSC Party Id	
N0046	D				1					text(30)		BSC Party Name	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
E0221	F	002										ECVAA-I022: Forward Contract Report: Sub-flow 1	**Version 2**
FCH	R	1	G									**Forward Contract Header**	
N0191	D			1						date		Report Start Date	
N0188	D			1						date		Report End Date	
N0368	D			1						datetime		Report Snapshot Time	
N0369	D			1						integer(12)		Transaction	highest transaction included in report
N0373	D			1						integer(2)		Report Start Period	first period on Report Start Date which is included in the report
EAC	R	1-2		G								**Energy Account Data**	
N0177	D				1					char	P/C Flag	Production/Consumption Flag	
OED	R	0-*			G							**Originator ECVNAA Data**	
N0080	D					1				text(10)		ECVNAA Id	
N0078	D					1				text(8)		ECVNA Id	
N0354	D					1				char	Party Sequence	ECVNAA BSC Party Sequence	
N0355	D					1				text(8)		Other BSC Party Id	
N0356	D					1				char	P/C Flag	Other BSC Party P/C Flag	
N0357	D					1				date		ECVNAA Effective From Date	
N0358	D					O				date		ECVNAA Effective To Date	
ECD	R	1-*				G						**ECVN Data**	
N0310	D						1			text(10)		ECVN ECVNAA Id	
N0077	D						1			text(10)		ECVN Reference Code	
EDD	R	1-*					G					**ECVN Detail Data**	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
N0359	D							1		date		ECVN Effective From Date	
N0360	D							O		date		ECVN Effective To Date	
N0078	D							O		text(8)		ECVNA Id	Null if authorisation same as 'Originator ECVNAA Data' record
N0080	D							O		text(10)		ECVNAA Id	Null if authorisation same as 'Originator ECVNAA Data' record
N0357	D							O		date		ECVNAA Effective From Date	Null if authorisation same as 'Originator ECVNAA Data' record
N0358	D							O		date		ECVNAA Effective To Date	Null if authorisation same as 'Originator ECVNAA Data' record
ECP	R	1-*						G				**ECVN Period Data**	
N0361	D								1	integer(2)		From Settlement Period	
N0362	D								O	integer(2)		To Settlement Period	Null if Volume applies to single period
N0085	D								1	decimal(10,3)		Energy Contract Volume	To 'other' party
OMD	R	0-*			G							**Originator MVRNAA data**	
N0147	D					1				text(10)		MVRNAA Id	
N0145	D					1				text(8)		MVRNA Id	
N0034	D					1				text(11)		BM Unit Id	
N0363	D					1				char	L/S Flag	Lead or Subsidiary Indicator	
N0355	D					1				text(8)		Other BSC Party Id	
N0356	D					1				char	P/C Flag	Other BSC Party P/C Flag	
N0364	D					1				date		MVRNAA Effective From Date	
N0365	D					O				date		MVRNAA Effective To Date	
MVD	R	1-*				G						**MVRN data**	
N0311	D						1			text(10)		MVRN MVRNAA Id	
N0144	D						1			text(10)		MVRN Reference Code	
MDD	R	1-*					G					**MVRN detail data**	
N0366	D							1		date		MVRN Effective From Date	
N0367	D							O		date		MVRN Effective To Date	
N0145	D							O		text(8)		MVRNA Id	Null if authorisation same as 'Originator MVRNAA Data' record
N0147	D							O		text(10)		MVRNAA Id	Null if authorisation same as 'Originator MVRNAA Data' record
N0364	D							O		date		MVRNAA Effective From Date	Null if authorisation same as 'Originator MVRNAA Data' record
N0365	D							O		date		MVRNAA Effective To Date	Null if authorisation same as 'Originator MVRNAA Data' record
MVP	R	1-*						G				**MVRN Period Data**	
N0361	D								1	integer(2)		From Settlement Period	
N0362	D								O	integer(2)		To Settlement Period	Null if Volume/Percentage apply to single period
N0140	D								1	decimal(10,3)		Metered Volume Fixed Reallocation	To Subsidiary Party
N0141	D								1	decimal(8,5)		Metered Volume Percentage Reallocation	To Subsidiary Party
E0281	F	001										ECVAA-I028: ECVN Acceptance Feedback	Version 1 is the default
EDA	R	1	G									**ECVN Acceptance**	
N0078	D			1						text(8)		ECVNA Id	
N0080	D			1						text(10)		ECVNAA Id	
N0310	D			1						text(10)		ECVN ECVNAA Id	
N0077	D			1						text(10)		ECVN Reference Code	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
N0370	D			1						integer(2)		First Effective Period	
N0301	D			1						text(14)		File Name	ECVN file name
N0198	D			1						integer(9)		Sequence Number	ECVN file sequence number
N0369	D			1						integer(12)		Transaction	
CD9	R	0-*		G								**Energy Contract Volumes**	
N0201	D				1					integer(2)		Settlement Period	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
N0085	D				1					decimal(10,3)		energy contract volume	*MWh* ; volume from party 1 to party 2 signed
E0281	F	002										ECVAA-I028: ECVN Acceptance Feedback	Version 1 is the default; available from 03/11/04
EDA	R	1	G									**ECVN Acceptance**	
N0078	D			1						text(8)		ECVNA Id	
N0080	D			O						text(10)		ECVNAA Id	
N0310	D			1						text(10)		ECVN ECVNAA Id	
N0077	D			1						text(10)		ECVN Reference Code	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
N0370	D			1						integer(2)		First Effective Period	
N0301	D			1						text(14)		File Name	ECVN file name
N0198	D			1						integer(9)		Sequence Number	ECVN file sequence number
N0369	D			1						integer(12)		Transaction	
CD9	R	0-*		G								**Energy Contract Volumes**	
N0201	D				1					integer(2)		Settlement Period	
N0085	D				1					decimal(10,3)		energy contract volume	*MWh* ; volume from party 1 to party 2 signed
MER	R	0-*		G								**Matched Contract Dates**	
N0200	D				1					date		Settlement Date	
MEC	R	0-50			G							**Matched Contract Volumes**	
N0201	D					1				integer(2)		Settlement Period	
N0484	D					O				decimal(10,3)		Recipient Contract Volume	*MWh* ; volume from party 1 to party 2 signed
N0485	D					O				decimal(10,3)		Counterparty Contract Volume	*MWh* ; volume from party 1 to party 2 signed
N0486	D					O				decimal(10,3)		Matched Contract Volume	*MWh* ; volume from party 1 to party 2 signed
E0291	F	001										ECVAA-I029: MVRN Acceptance Feedback	Version 1 is the default
MVA	R	1	G									**MVRN Acceptance**	
N0145	D			1						text(8)		MVRNA Id	
N0147	D			1						text(10)		MVRNAA Id	
N0311	D			1						text(10)		MVRN MVRNAA Id	
N0144	D			1						text(10)		MVRN Reference Code	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
N0370	D			1						integer(2)		First Effective Period	
N0301	D			1						text(14)		File Name	MVRN file name
N0198	D			1						integer(9)		Sequence Number	MVRN file sequence number
N0369	D			1						integer(12)		Transaction	
MV2	R	0-*		G								**MVR reallocations**	
N0201	D				1					integer(2)		Settlement Period	
N0140	D				1					decimal(10,3)		Metered Volume Fixed Reallocation	*MWh*
N0141	D				1					decimal(8,5)		Metered Volume Percentage Reallocation	
E0291	F	002										ECVAA-I029: MVRN Acceptance Feedback	Version 1 is the default; available from 03/11/04
MVA	R	1	G									**MVRN Acceptance**	
N0145	D			1						text(8)		MVRNA Id	
N0147	D			O						text(10)		MVRNAA Id	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
N0311	D			1						text(10)		MVRN MVRNAA Id	
N0144	D			1						text(10)		MVRN Reference Code	
N0081	D			1						date		Effective From Date	
N0083	D			O						date		Effective To Date	
N0370	D			1						integer(2)		First Effective Period	
N0301	D			1						text(14)		File Name	MVRN file name
N0198	D			1						integer(9)		Sequence Number	MVRN file sequence number
N0369	D			1						integer(12)		Transaction	
MV2	R	0-*		G								**MVR reallocations**	
N0201	D				1					integer(2)		Settlement Period	
N0140	D				1					decimal(10,3)		Metered Volume Fixed Reallocation	*MWh*
N0141	D				1					decimal(8,5)		Metered Volume Percentage Reallocation	
MMR	R	0-*		G								**Matched Reallocation Dates**	
N0200	D				1					date		Settlement Date	
MMV	R	0-50			G							**Matched Reallocations**	
N0201	D					1				integer(2)		Settlement Period	
N0487	D					O				decimal(10,3)		Recipient MV Fixed Reallocation	*MWh*
N0488	D					O				decimal(8,5)		Recipient MV Percentage Reallocation	
N0489	D					O				decimal(10,3)		Counterparty MV Fixed Reallocation	*MWh*
N0490	D					O				decimal(8,5)		Counterparty MV Percentage Reallocation	
N0491	D					O				decimal(10,3)		Matched MV Fixed Reallocation	*MWh*
N0492	D					O				decimal(8,5)		Matched MV Percentage Reallocation	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
C0101	F	001										CDCA-I010: Exception Report for Missing and Invalid Meter Period Data	
PD1	R	1-*	G									**BSC Party Details**	
N0045	D			1						text(8)		BSC Party Id	
MSE	R	1-*		G								**Metering System Exceptions**	
N0142	D				1					text(13)		Metering System Id	
SDE	R	1-*			G							**Settlement Date Exceptions**	
N0200	D					1				date		Settlement Date	
OSD	R	1-*				G						**Outstation Data**	
N0155	D						1			text(20)		Outstation Id	
CND	R	1-*					G					**Channel Data**	
N0052	D							1		integer(2)		Channel Number	
N0134	D							1		text(2)	Measurement Quantity	Measurement Quantity	
N0133	D							1		char	Main/Check Indicator	Main/Check Indicator	
SPE	R	1-50						G				**Settlement Period Exceptions**	
N0201	D								1	integer(2)		Settlement Period	
N0137	D								1	decimal(12,3)		Meter Reading Volume	
N0136	D								1	char	Meter Reading Status	Meter Reading Status	
N0093	D								1	text(255)		Exception Description	Related To Validation Rule
C0121	F	001										CDCA-I012: Report Raw Meter Data	
PD2	R	1-*	G									**BSC Party Details**	
N0045	D			1						text(8)		BSC Party Id	
RMD	R	1-*		G								**Report Raw Meter Data**	for a metering system
N0142	D				1					text(13)		Metering System Id	
MS9	R	1-*			G							**Metering System Data**	
N0200	D					1				date		Settlement Date	
OS9	R	1-*				G						**Outstation Data**	
N0155	D						1			text(20)		Outstation Id	
CN9	R	1-*					G					**Channel Data**	
N0052	D							1		integer(2)		Channel Number	
N0134	D							1		text(2)	Measurement Quantity	Measurement Quantity	
N0133	D							1		char	Main/Check Indicator	Main/Check Indicator	
RMP	R	46-50						G				**Raw Meter Period Data**	46 or 48 or 50 of these
N0201	D								1	integer(2)		Settlement Period	
N0137	D								1	decimal(12,3)		Meter Reading Volume	
N0136	D								1	char	Meter Reading Status	Meter Reading Status	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
C0141	F	001										CDCA-I014: Estimated Data Report	
TVE	R	1	G									**Total Volume Estimated**	
N0294	D			1						decimal(12,3)		Total Volume Estimated In Report	
PD3	R	1-*	G									**BSC Party Details**	
N0045	D			1						text(8)		BSC Party Id	
RM8	R	1-*		G								**Report Raw Meter Data**	for a metering system
N0142	D				1					text(13)		Metering System Id	
RMY	R	1-*			G							**Raw Meter Day Data**	
N0200	D					1				date		Settlement Date	
OS1	R	1-*				G						**Outstation Data**	
N0155	D						1			text(20)		Outstation Id	
CN1	R	1-*					G					**Channel Data**	
N0052	D							1		integer(2)		Channel Number	
N0138	D							1		text(10)		Meter Serial Number	
N0134	D							1		text(2)	Measurement Quantity	Measurement Quantity	
RM9	R	46-50						G				**Estimated Meter Data**	46 or 48 or 50 of these
N0201	D								1	integer(2)		Settlement Period	
N0154	D								O	decimal(12,3)		Original Meter Reading	
N0091	D								O	decimal(12,3)		Estimated Meter Volume	
N0092	D								O	char	Estimation Method	Estimation Method	A-N U or X - see data item description
N0089	D								O	boolean		Estimate Agreed Indicator	
C0291	F	002										CDCA-I029: Aggregated GSP Group Take Volumes	
AGV	R	1-*	G									**Aggregated GSP Group Take Volumes**	for a GSP Group
N0116	D			1						text(2)		GSP Group Id	
N0200	D			1						date		Settlement Date	
N0202	D			1						text(2)	Run Type	Settlement Run Type	
N0049	D			1						integer(2)		CDCA Run Number	
N0062	D			1						date		Date of Aggregation	
AGP	R	46-50		G								**Aggregated GSP Group Take - Period**	46 or 48 or 50 of these
N0201	D				1					integer(2)		Settlement Period	1-50
N0090	D				1					boolean		Estimate Indicator	
N0121	D				1					char	I/E Flag	Import/Export Indicator	
N0327	D				1					decimal(14,4)		GSP Group Take Volume	
C0301	F	002										CDCA-I030: Meter Period Data for Distribution Area	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
MPD	R	1-*	G									**Meter Period Data for Distribution Area**	
N0116	D			1						text(2)		GSP Group Id	
N0200	D			1						date		Settlement Date	
N0202	D			1						text(2)	Run Type	Settlement Run Type	
N0049	D			1						integer(2)		CDCA Run Number	
N0062	D			1						date		Date of Aggregation	
GP9	R	1-*		G								**GSP Period Data**	
N0119	D				1					text(10)		GSP Id	
GMP	R	46-50			G							**Processed Meter Data - Period**	46 or 48 or 50 of these
N0201	D					1				integer(2)		Settlement Period	1-50
N0090	D					1				boolean		Estimate Indicator	
N0139	D					1				decimal(10,3)		Meter Volume	
N0121	D					1				char	I/E Flag	Import/Export Indicator	I/E
EPD	R	0-*		G								**Interconnector Period Data**	
N0098	D				1					text(10)		Interconnector Id	
EMP	R	46-50			G							**Processed Meter Data - Period**	46 or 48 or 50 of these
N0201	D					1				integer(2)		Settlement Period	1-50
N0090	D					1				boolean		Estimate Indicator	
N0139	D					1				decimal(10,3)		Meter Volume	
N0121	D					1				char	I/E Flag	Import/Export Indicator	I/E
IPD	R	0-*		G								**Inter-GSP-Group Connection Period Data**	
N0298	D				1					text(10)		Inter-GSP-Group Connection Id	
IMP	R	46-50			G							**Processed Meter Data - Period**	46 or 48 or 50 of these
N0201	D					1				integer(2)		Settlement Period	1-50
N0090	D					1				boolean		Estimate Indicator	
N0139	D					1				decimal(10,3)		Meter Volume	
N0121	D					1				char	I/E Flag	Import/Export Indicator	I/E
C0411	F	002										CDCA-I041: Interconnector Aggregation Report	
AIV	R	1-*	G									**Interconnector Aggregation Report**	
N0098	D			1						text(10)		Interconnector Id	
N0200	D			1						date		Settlement Date	
N0202	D			1						text(2)	Run Type	Settlement Run Type	
N0049	D			1						integer(2)		CDCA Run Number	
N0062	D			1						date		Date of Aggregation	
AIP	R	46-50		G								**Aggregated Interconnector Volume - Period**	46 or 48 or 50 of these
N0201	D				1					integer(2)		Settlement Period	1-50
N0090	D				1					boolean		Estimate Indicator	
N0139	D				1					decimal(10,3)		Meter Volume	
N0121	D				1					char	I/E Flag	Import/Export Indicator	I/E

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
B0101	F	001										BMRA-I010 - BMRA Data Exception Report	
HCF	R	0-1	G									**Header of file being processed**	
N0102	D			1						text(8)		File Type	
N0058	D			1						datetime		Creation Time	
N0114	D			1						text(2)		From Role Code	
N0113	D			1						text(8)		From Participant Id	
N0223	D			1						text(2)		To Role Code	
N0222	D			1						text(8)		To Participant Id	
N0198	D			1						integer(9)		Sequence Number	
N0219	D			1						text(4)		Test Data Flag	
HNF	R	0-1	G									**Header of NGC file being processed**	
N0329	D			1						text(255)		NGC Filename	
BDE	R	1-*	G									**BMRA Data Exceptions**	
N0094	D			1						char	BMRA Exception Type	Exception Type	
N0093	D			1						text(255)		Exception Description	
B0151	F	001										BMRA-I015: Receive Market Index Data	
MID	R	1	G									**Market Index Data**	
N0423	D			1						text(8)		Market Index Data Provider ID	
N0200	D			1						date		Settlement Date	
MIP	R	1-50		G								**Settlement Period Market Index Data**	
N0201	D				1					integer(2)		Settlement Period	
N0413	D				1					decimal(10,2)		Market Index Price	£/MWh
N0414	D				1					decimal(10,3)		Market Index Volume	MWh
N0426	D				1					decimal(10,2)		Traded Price	This field is to be ignored
N0427	D				1					decimal(10,3)		Traded Volume	This field is to be ignored

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
S0061	F	001										SAA-I006: BM Unit Metered Volumes for Interconnector Users	
IDM	R	1	G									**Interconnector Deemed Metered Amounts**	
N0098	D			1						text(10)		Interconnector Id	
N0200	D			1						date		Settlement Date	
BUD	R	1-*		G								**BM Unit data**	
N0034	D				1					text(11)		BM Unit Id	
BUP	R	46-50			G							**BM Unit Period Data**	
N0201	D					1				integer(2)		Settlement Period	
N0088	D					1				decimal (10,3)		Energy Volume Reading	
S0141	F	006										SAA-I014: Settlement Report: sub-flow 1	
SRH	R	1	G									**Settlement Report Header**	
N0200	D			1						date		Settlement Date	
N0202	D			1						text(2)	Run Type	Settlement Run Type	
N0304	D			1						integer(2)		SAA Run Number	
N0385	D			1						integer(2)		SAA CDCA Run Number	CDCA run which generated volumes used directly by SA
N0383	D			1						date		SVAA CDCA Settlement Date	CDCA settlement date from which GSP group take was
N0384	D			1						integer(2)		SVAA CDCA Run Number	CDCA run number from which GSP group take was use
N0211	D			1						integer(7)		SVAA SSR Run Number	
N0045	D			1						text(8)		BSC Party Id	
APC	R	1	G									**Aggregate Party Day Charges**	
N0048	D			1						decimal(10,2)		BSSC Limited Cost Allocation	
N0031	D			1						decimal(10,2)		BM Unit Cashflow	
N0086	D			1						decimal(10,2)		Energy Imbalance Cashflow	
N0122	D			1						decimal(10,2)		Information Imbalance Cashflow	
N0151	D			1						decimal(10,2)		Non-Delivery Charge	
N0194	D			1						decimal(10,2)		Residual Cashflow Reallocation Charge	
N0214	D			1						decimal(10,2)		Daily System Operator BM Cashflow	
SPH	R	46-50	G									**Settlement Period Header**	either 46 or 48 or 50
N0201	D			1						integer(2)		Settlement Period	
PPC	R	1		G								**Aggregate Party Period Charges**	
N0048	D				1					decimal(10,2)		BSSC Limited Cost Allocation	
N0031	D				1					decimal(10,2)		BM Unit Cashflow	
N0086	D				1					decimal(10,2)		Energy Imbalance Cashflow	
N0122	D				1					decimal(10,2)		Information Imbalance Cashflow	
N0151	D				1					decimal(10,2)		Non-Delivery Charge	
N0194	D				1					decimal(10,2)		Residual Cashflow Reallocation Charge	
SSD	R	1		G								**System Period Data**	
N0172	D				1					decimal(10,2)		Period BSSC Limited Costs	
N0213	D				1					decimal(10,2)		System Operator BM Cashflow	
N0124	D				1					decimal(10,5)		Information Imbalance Price 1	
N0125	D				1					decimal(10,5)		Information Imbalance Price 2	
N0212	D				1					decimal(10,5)		System Buy Price	
N0215	D				1					decimal(10,5)		System Sell Price	
N0439	D				O					text(2)	Price Derivation Code	Price Derivation Code	Populated for post-P78 Settlement dates. These fields w

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
N0333	D				1					decimal(10,2)		Total System BM Cashflow	
N0225	D				1					decimal(10,2)		Total System Energy Imbalance Cashflow	
N0228	D				1					decimal(10,2)		Total System Non-Delivery Charge	
N0216	D				1					decimal(10,3)		System Total Accepted Bid Volume	
N0386	D				1					decimal(10,3)		System Total Unpriced Accepted Bid Volume	
N0393	D				1					decimal(10,3)		System Total Priced Accepted Bid Volume	
N0224	D				1					decimal(10,3)		Total System Energy Contract Volume	
N0428	D				O					decimal(10,3)		NIV Tagged System Total Unpriced Bid Volume	Populated for post-P78 Settlement dates. These fields w
N0217	D				1					decimal(10,3)		System Total Accepted Offer Volume	
N0429	D				O					decimal(10,3)		NIV Tagged System Total Unpriced Offer Volume	Populated for post-P78 Settlement dates. These fields w
N0430	D				O					decimal(10,3)		Net Imbalance Volume	Populated for post-P78 Settlement dates. These fields w
N0431	D				O					decimal(10,3)		Total NIV Tagged Volume	Populated for post-P78 Settlement dates. These fields w
N0432	D				O					decimal(10,3)		NIV Tagged SBVA	Populated for post-P78 Settlement dates. These fields w
N0433	D				O					decimal(10,3)		NIV Tagged SSVA	Populated for post-P78 Settlement dates. These fields w
N0387	D				1					decimal(10,3)		System Total Unpriced Accepted Offer Volume	
N0394	D				1					decimal(10,3)		System Total Priced Accepted Offer Volume	
N0226	D				1					decimal(10,3)		Total System Energy Imbalance Volume	
N0395	D				1					decimal(10,3)		Residual Cashflow Reallocation Denominator	
N0230	D				1					decimal(10,2)		Total System Residual Cashflow	
N0227	D				1					decimal(10,2)		Total System Information Imbalance Charge	
N0305	D				1					decimal(10,2)		Sell-Price Cost Adjustment / Net Energy Sell-Price Cost Adjustment	Pre / Post P78 Settlement Date meaning
N0306	D				1					decimal(10,2)		Buy-Price Cost Adjustment / Net Energy Buy-Price Cost Adjustment	Pre / Post P78 Settlement Date meaning
N0307	D				1					decimal(10,3)		Sell-Price Volume Adjustment / Net Energy Sell-Price Volume Adjustment	Pre / Post P78 Settlement Date meaning
N0308	D				1					decimal(10,3)		Buy-Price Volume Adjustment / Net Energy Buy-Price Volume Adjustment	Pre / Post P78 Settlement Date meaning
N0416	D				O					decimal(10,3)		Net System Sell-Price Volume Adjustment	Populated for post-P78 Settlement dates. These fields w
N0415	D				O					decimal(10,3)		Net System Buy-Price Volume Adjustment	Populated for post-P78 Settlement dates. These fields w
N0371	D				1					decimal(10,2)		Sell-Price Price Adjust	
N0372	D				1					decimal(10,2)		Buy-Price Price Adjust	
N0438	D				1					decimal(10,3)		Total Period Applicable Balancing Services Volume	
N0335	D				1					decimal(10,3)		System Operator Production Imbalance	
N0336	D				1					decimal(10,3)		System Operator Consumption Imbalance	
N0501	D				O					decimal(10,3)		NIV Tagged Energy Buy Volume Adjustment	Populated for post-P194 Settlement Dates. These fields
N0502	D				O					decimal(10,3)		NIV Tagged Energy Sell Volume Adjustment	Populated for post-P194 Settlement Dates. These fields
N0503	D				O					decimal(10,3)		PAR Tagged Energy Buy Volume Adjustment	Populated for post-P194 Settlement Dates. These fields
N0504	D				O					decimal(10,3)		PAR Tagged Energy Sell Volume Adjustment	Populated for post-P194 Settlement Dates. These fields
N0434	D				O					decimal(10,2)		Untagged EBCA	Unpopulated for Pre P78 Settlement Dates. For post-P7
N0435	D				O					decimal(10,3)		Untagged EBVA	Unpopulated for Pre P78 Settlement Dates. For post-P7
N0436	D				O					decimal(10,2)		Untagged ESCA	Unpopulated for Pre P78 Settlement Dates. For post-P7
N0437	D				O					decimal(10,3)		Untagged ESVA	Unpopulated for Pre P78 Settlement Dates. For post-P7
MD2	R	0-*			G							**Market Index Data Information**	There will be an entry for each appointed MIDP for Settle
N0423	D					1				text(8)		Market Index Data Provider ID	
N0412	D					1				decimal(10,3)		Individual Liquidity Threshold	
N0413	D					O				decimal(10,2)		Market Index Price	
N0414	D					O				decimal(10,3)		Market Index Volume	
APD	R	2		G								**Account Period Data**	
N0177	D				1					char	P/C Flag	Production/Consumption Flag	P/C
N0048	D				1					decimal(10,2)		BSSC Limited Cost Allocation	
N0087	D				1					decimal(10,2)		Energy Imbalance Charge	
N0123	D				1					decimal(10,2)		Information Imbalance Charge	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
N0194	D				1					decimal(10,2)		Residual Cashflow Reallocation Charge	
N0001	D				1					decimal(10,3)		Account Bilateral Contract Volume	
N0004	D				1					decimal(10,3)		Account Period Balancing Services Volume	
N0003	D				1					decimal(10,3)		Account Energy Imbalance Volume	
N0002	D				1					decimal(10,3)		Account Credited Energy Volume	
N0195	D				1					decimal(8,7)		Residual Cashflow Reallocation Proportion	
APB	R	0-*			G							**Account Period BMU Data**	
N0034	D					1				text(11)		BM Unit Id	
N0061	D					1				decimal(10,3)		Credited Energy Volume	
N0109	D					1				decimal(10,3)		Fixed Metered Volume Reallocation	
N0163	D					1				decimal(8,5)		Percentage Metered Volume Reallocation	
BPD	R	0-*		G								**BM Unit Period Data**	
N0034	D				1					text(11)		BM Unit Id	
N0122	D				1					decimal(10,2)		Information Imbalance Cashflow	
N0037	D				1					decimal(10,2)		BM Unit Period Non-Delivery Charge	
N0174	D				1					decimal(10,3)		Period FPN	
N0164	D				1					decimal(10,3)		Period BM Unit Balancing Services Volume	
N0175	D				1					decimal(10,3)		Period Information Imbalance Volume	
N0173	D				1					decimal(10,3)		Period Expected Metered Volume	
N0035	D				1					decimal(10,3)		BM Unit Metered Volume	
N0166	D				1					decimal(10,3)		Period BM Unit Non-Delivered Bid Volume	
N0167	D				1					decimal(10,3)		Period BM Unit Non-Delivered Offer Volume	
N0233	D				1					decimal(8,7)		Transmission Loss Factor	
N0234	D				1					decimal(8,7)		Transmission Loss Multiplier	
N0232	D				1					text(30)		Trading Unit Name	
N0231	D				1					decimal(10,3)		Total Trading Unit Metered Volume	
N0421	D				1					decimal(10,3)		BM Unit Applicable Balancing Services Volume	
FPN	R	0-*			G							**FPN Value Pair**	
N0220	D					1				integer(2)		Time from	*minutes from start of period*
N0111	D					1				decimal(10,3)		FPN Value From	
N0221	D					1				integer(2)		Time To	*minutes from start of period*
N0112	D					1				decimal(10,3)		FPN Value To	
BOD	R	0-*			G							**BMU Period Bid-Offer Data**	
N0025	D					1				integer(2)		Bid-Offer Pair Number	
N0030	D					1				decimal(10,5)		Bid Price	
N0153	D					1				decimal(10,5)		Offer Price	
N0169	D					1				decimal(10,3)		Period BM Unit Total Accepted Bid Volume	
N0170	D					1				decimal(10,3)		Period BM Unit Total Accepted Offer Volume	
N0388	D					O				decimal(10,3)		Period BM Unit Total Priced Accepted Bid Volume	field null indicates value is same as Period BM Unit Tota
N0389	D					O				decimal(10,3)		Period BM Unit Total Priced Accepted Offer Volume	field null indicates value is same as Period BM Unit Tota
N0165	D					1				decimal(10,2)		Period BM Unit Bid Cashflow	
N0168	D					1				decimal(10,2)		Period BM Unit Offer Cashflow	
BOS	R	1-*				G						**BMU Period Bid-Offer Value Pair**	
N0220	D						1			integer(2)		Time from	*minutes from start of period*
N0028	D						1			decimal(10,3)		Bid Offer Volume Value From	
N0221	D						1			integer(2)		Time To	*minutes from start of period*
N0029	D						1			decimal(10,3)		Bid Offer Volume Value To	
BOA	R	0-*			G							**BMU Period Bid-Offer Acceptance**	
N0342	D					1				integer(10)		B-O Acceptance Number	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
N0390	D					1				boolean		Short Continuous Acceptance Flag	*True if short*
BO5	R	1-*				G						**BMU Period Bid-Offer Acceptance Spot Point**	
N0337	D						1			integer(3)		Acceptance From Time	*minutes from start of period*
N0026	D						1			decimal(10,3)		Bid Offer Acceptance Volume Value From	
N0338	D						1			integer(3)		Acceptance To Time	*minutes from start of period*
N0027	D						1			decimal(10,3)		Bid Offer Acceptance Volume Value To	
MVR	R	0-*			G							**BM Unit MVR Information**	
N0045	D					1				text(8)		BSC Party Id	
N0177	D					1				char	P/C Flag	Production/Consumption Flag	P/C
N0061	D					1				decimal(10,3)		Credited Energy Volume	
N0109	D					1				decimal(10,3)		Fixed Metered Volume Reallocation	
N0163	D					1				decimal(8,5)		Percentage Metered Volume Reallocation	
S0141	F	007										SAA-I014: Settlement Report: sub-flow 1	
SRH	R	1	G									**Settlement Report Header**	
N0200	D			1						date		Settlement Date	
N0202	D			1						text(2)	Run Type	Settlement Run Type	
N0304	D			1						integer(2)		SAA Run Number	
N0385	D			1						integer(2)		SAA CDCA Run Number	CDCA run which generated volumes used directly by SA
N0383	D			1						date		SVAA CDCA Settlement Date	CDCA settlement date from which GSP group take was
N0384	D			1						integer(2)		SVAA CDCA Run Number	CDCA run number from which GSP group take was used
N0211	D			1						integer(7)		SVAA SSR Run Number	
N0045	D			1						text(8)		BSC Party Id	
APC	R	1	G									**Aggregate Party Day Charges**	
N0048	D			1						decimal(10,2)		BSSC Limited Cost Allocation	
N0031	D			1						decimal(10,2)		BM Unit Cashflow	
N0086	D			1						decimal(10,2)		Energy Imbalance Cashflow	
N0122	D			1						decimal(10,2)		Information Imbalance Cashflow	
N0151	D			1						decimal(10,2)		Non-Delivery Charge	
N0194	D			1						decimal(10,2)		Residual Cashflow Reallocation Charge	
N0214	D			1						decimal(10,2)		Daily System Operator BM Cashflow	
SPH	R	46-50	G									**Settlement Period Header**	either 46 or 48 or 50
N0201	D			1						integer(2)		Settlement Period	
PPC	R	1		G								**Aggregate Party Period Charges**	
N0048	D				1					decimal(10,2)		BSSC Limited Cost Allocation	
N0031	D				1					decimal(10,2)		BM Unit Cashflow	
N0086	D				1					decimal(10,2)		Energy Imbalance Cashflow	
N0122	D				1					decimal(10,2)		Information Imbalance Cashflow	
N0151	D				1					decimal(10,2)		Non-Delivery Charge	
N0194	D				1					decimal(10,2)		Residual Cashflow Reallocation Charge	
SSD	R	1		G								**System Period Data**	
N0172	D				1					decimal(10,2)		Period BSSC Limited Costs	
N0213	D				1					decimal(10,2)		System Operator BM Cashflow	
N0124	D				1					decimal(10,5)		Information Imbalance Price 1	
N0125	D				1					decimal(10,5)		Information Imbalance Price 2	
N0212	D				1					decimal(10,5)		System Buy Price	
N0215	D				1					decimal(10,5)		System Sell Price	
N0439	D				1					text(2)	Price Derivation Code	Price Derivation Code	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
N0333	D				1					decimal(10,2)		Total System BM Cashflow	
N0225	D				1					decimal(10,2)		Total System Energy Imbalance Cashflow	
N0228	D				1					decimal(10,2)		Total System Non-Delivery Charge	
N0216	D				1					decimal(10,3)		System Total Accepted Bid Volume	
N0386	D				O					decimal(10,3)		System Total Unpriced Accepted Bid Volume	Populated for pre-P217 Settlement Dates. This field will
N0393	D				1					decimal(10,3)		System Total Priced Accepted Bid Volume	
N0224	D				1					decimal(10,3)		Total System Energy Contract Volume	
N0428	D				O					decimal(10,3)		NIV Tagged System Total Unpriced Bid Volume	Populated for pre-P217 Settlement Dates. This field will
N0217	D				1					decimal(10,3)		Total System Accepted Offer Volume	
N0429	D				O					decimal(10,3)		NIV Tagged System Total Unpriced Offer Volume	Populated for pre-P217 Settlement Dates. This field will
N0430	D				1					decimal(10,3)		Net Imbalance Volume	
N0431	D				1					decimal(10,3)		Total NIV Tagged Volume	
N0432	D				O					decimal(10,3)		NIV Tagged SBVA	Populated for pre-P217 Settlement Dates. This field will
N0433	D				O					decimal(10,3)		NIV Tagged SSVA	Populated for pre-P217 Settlement Dates. This field will
N0387	D				O					decimal(10,3)		System Total Unpriced Accepted Offer Volume	Populated for pre-P217 Settlement Dates. This field will
N0394	D				1					decimal(10,3)		System Total Priced Accepted Offer Volume	
N0226	D				1					decimal(10,3)		Total System Energy Imbalance Volume	
N0395	D				1					decimal(10,3)		Residual Cashflow Reallocation Denominator	
N0230	D				1					decimal(10,2)		Total System Residual Cashflow	
N0227	D				1					decimal(10,2)		Total System Information Imbalance Charge	
N0305	D				O					decimal(10,2)		Net Energy Sell-Price Cost Adjustment	Populated for pre-P217 Settlement Dates. This field will
N0306	D				O					decimal(10,2)		Net Energy Buy-Price Cost Adjustment	Populated for pre-P217 Settlement Dates. This field will
N0307	D				O					decimal(10,3)		Net Energy Sell-Price Volume Adjustment	Populated for pre-P217 Settlement Dates. This field will
N0308	D				O					decimal(10,3)		Net Energy Buy-Price Volume Adjustment	Populated for pre-P217 Settlement Dates. This field will
N0416	D				O					decimal(10,3)		Net System Sell-Price Volume Adjustment	Populated for pre-P217 Settlement Dates. This field will
N0415	D				O					decimal(10,3)		Net System Buy-Price Volume Adjustment	Populated for pre-P217 Settlement Dates. This field will
N0371	D				1					decimal(10,2)		Sell-Price Price Adjust	
N0372	D				1					decimal(10,2)		Buy-Price Price Adjust	
N0438	D				1					decimal(10,3)		Total Period Applicable Balancing Services Volume	
N0335	D				1					decimal(10,3)		System Operator Production Imbalance	
N0336	D				1					decimal(10,3)		System Operator Consumption Imbalance	
N0501	D				O					decimal(10,3)		NIV Tagged Energy Buy Volume Adjustment	Populated for pre-P217 Settlement Dates. These fields v
N0502	D				O					decimal(10,3)		NIV Tagged Energy Sell Volume Adjustment	Populated for pre-P217 Settlement Dates. These fields v
N0503	D				O					decimal(10,3)		PAR Tagged Energy Buy Volume Adjustment	Populated for pre-P217 Settlement Dates. These fields v
N0504	D				O					decimal(10,3)		PAR Tagged Energy Sell Volume Adjustment	Populated for pre-P217 Settlement Dates. These fields v
N0434	D				O					decimal(10,2)		Untagged EBCA	Populated for pre-P217 Settlement Dates. This field will
N0435	D				O					decimal(10,3)		Untagged EBVA	Populated for pre-P217 Settlement Dates. This field will
N0436	D				O					decimal(10,2)		Untagged ESCA	Populated for pre-P217 Settlement Dates. This field will
N0437	D				O					decimal(10,3)		Untagged ESVA	Populated for pre-P217 Settlement Dates. This field will
N0517	D				O					decimal(10,3)		Total System Tagged Accepted Bid Volume	Populated for pre-P217 Settlement Dates. This field will
N0518	D				O					decimal(10,3)		Total System Tagged Accepted Offer Volume	Populated for pre-P217 Settlement Dates. This field will
N0519	D				O					decimal(10,3)		Total System Repriced Accepted Bid Volume	Populated for pre-P217 Settlement Dates. This field will
N0520	D				O					decimal(10,3)		Total System Repriced Accepted Offer Volume	Populated for pre-P217 Settlement Dates. This field will
N0521	D				O					decimal(10,3)		Total System Originally-priced Accepted Bid Volume	Populated for pre-P217 Settlement Dates. This field will
N0522	D				O					decimal(10,3)		Total System Originally-priced Accepted Offer Volume	Populated for pre-P217 Settlement Dates. This field will
N0523	D				O					decimal(10,3)		Total System Adjustment Sell Volume	Populated for pre-P217 Settlement Dates. This field will
N0524	D				O					decimal(10,3)		Total System Adjustment Buy Volume	Populated for pre-P217 Settlement Dates. This field will
N0525	D				O					decimal(10,3)		Total System Tagged Adjustment Sell Volume	Populated for pre-P217 Settlement Dates. This field will
N0526	D				O					decimal(10,3)		Total System Tagged Adjustment Buy Volume	Populated for pre-P217 Settlement Dates. This field will

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
N0527	D				O					decimal(10,3)		Total System Repriced Adjustment Sell Volume	Populated for pre-P217 Settlement Dates. This field will
N0528	D				O					decimal(10,3)		Total System Repriced Adjustment Buy Volume	Populated for pre-P217 Settlement Dates. This field will
N0529	D				O					decimal(10,3)		Total System Originally-priced Adjustment Sell Volume	Populated for pre-P217 Settlement Dates. This field will
N0530	D				O					decimal(10,3)		Total System Originally-priced Adjustment Buy Volume	Populated for pre-P217 Settlement Dates. This field will
N0531	D				O					decimal(10,2)		Replacement Price	Populated for pre-P217 Settlement Dates. This field will
N0532	D				O					decimal(10,3)		Replacement Price Calculation Volume	Populated for pre-P217 Settlement Dates. This field will
MD2	R	0-*			G							**Market Index Data Information**	There will be an entry for each appointed MIDP for Settle
N0423	D					1				text(8)		Market Index Data Provider ID	
N0412	D					1				decimal(10,3)		Individual Liquidity Threshold	
N0413	D					O				decimal(10,2)		Market Index Price	
N0414	D					O				decimal(10,3)		Market Index Volume	
DB2	R	0-*		G								**Balancing Services Adjustment Action Data**	
N0533	D				1					integer(4)		Balancing Services Adjustment Action Id	
N0534	D				O					decimal(10,2)		Balancing Services Adjustment Action Cost	£ Null if Action is unpriced
N0535	D				1					decimal(10,3)		Balancing Services Adjustment Action Volume	
N0536	D				1					decimal(10,3)		Tagged Balancing Services Adjustment Action Volume	
N0537	D				1					decimal(10,3)		Repriced Balancing Services Adjustment Action Volume	
N0538	D				1					decimal(10,3)		Originally-Priced Balancing Services Adjustment Action Volume	
N0539	D				1					boolean		Balancing Services Adjustment Action SO-Flag	
APD	R	2		G								**Account Period Data**	
N0177	D				1					char	P/C Flag	Production/Consumption Flag	P/C
N0048	D				1					decimal(10,2)		BSSC Limited Cost Allocation	
N0087	D				1					decimal(10,2)		Energy Imbalance Charge	
N0123	D				1					decimal(10,2)		Information Imbalance Charge	
N0194	D				1					decimal(10,2)		Residual Cashflow Reallocation Charge	
N0001	D				1					decimal(10,3)		Account Bilateral Contract Volume	
N0004	D				1					decimal(10,3)		Account Period Balancing Services Volume	
N0003	D				1					decimal(10,3)		Account Energy Imbalance Volume	
N0002	D				1					decimal(10,3)		Account Credited Energy Volume	
N0195	D				1					decimal(8,7)		Residual Cashflow Reallocation Proportion	
APB	R	0-*			G							**Account Period BMU Data**	
N0034	D					1				text(11)		BM Unit Id	
N0061	D					1				decimal(10,3)		Credited Energy Volume	
N0109	D					1				decimal(10,3)		Fixed Metered Volume Reallocation	
N0163	D					1				decimal(8,5)		Percentage Metered Volume Reallocation	
BPD	R	0-*		G								**BM Unit Period Data**	
N0034	D				1					text(11)		BM Unit Id	
N0122	D				1					decimal(10,2)		Information Imbalance Cashflow	
N0037	D				1					decimal(10,2)		BM Unit Period Non-Delivery Charge	
N0174	D				1					decimal(10,3)		Period FPN	
N0164	D				1					decimal(10,3)		Period BM Unit Balancing Services Volume	
N0175	D				1					decimal(10,3)		Period Information Imbalance Volume	
N0173	D				1					decimal(10,3)		Period Expected Metered Volume	
N0035	D				1					decimal(10,3)		BM Unit Metered Volume	
N0166	D				1					decimal(10,3)		Period BM Unit Non-Delivered Bid Volume	
N0167	D				1					decimal(10,3)		Period BM Unit Non-Delivered Offer Volume	
N0233	D				1					decimal(8,7)		Transmission Loss Factor	
N0234	D				1					decimal(8,7)		Transmission Loss Multiplier	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
N0232	D				1					text(30)		Trading Unit Name	
N0231	D				1					decimal(10,3)		Total Trading Unit Metered Volume	
N0421	D				1					decimal(10,3)		BM Unit Applicable Balancing Services Volume	
FPN	R	0-*			G							**FPN Value Pair**	
N0220	D					1				integer(2)		Time from	*minutes from start of period*
N0111	D					1				decimal(10,3)		FPN Value From	
N0221	D					1				integer(2)		Time To	*minutes from start of period*
N0112	D					1				decimal(10,3)		FPN Value To	
BOD	R	0-*			G							**BMU Period Bid-Offer Data**	
N0025	D					1				integer(2)		Bid-Offer Pair Number	
N0030	D					1				decimal(10,5)		Bid Price	
N0153	D					1				decimal(10,5)		Offer Price	
N0169	D					1				decimal(10,3)		Period BM Unit Total Accepted Bid Volume	
N0170	D					1				decimal(10,3)		Period BM Unit Total Accepted Offer Volume	
N0388	D					O				decimal(10,3)		Period BM Unit Total Priced Accepted Bid Volume	Populated for pre-P217 Settlement Dates. This field null
N0389	D					O				decimal(10,3)		Period BM Unit Total Priced Accepted Offer Volume	Populated for pre-P217 Settlement Dates. This field null
N0540	D					O				decimal(10,3)		Period BM Unit Tagged Bid Volume	Populated for post-P217 Settlement Dates. This field wil
N0541	D					O				decimal(10,3)		Period BM Unit Tagged Offer Volume	Populated for post-P217 Settlement Dates. This field wil
N0542	D					O				decimal(10,3)		Period BM Unit Repriced Bid Volume	Populated for post-P217 Settlement Dates. This field wil
N0543	D					O				decimal(10,3)		Period BM Unit Repriced Offer Volume	Populated for post-P217 Settlement Dates. This field wil
N0544	D					O				decimal(10,3)		Period BM Unit Originally-Priced Bid Volume	Populated for post-P217 Settlement Dates. This field wil
N0545	D					O				decimal(10,3)		Period BM Unit Originally-Priced Offer Volume	Populated for post-P217 Settlement Dates. This field wil
N0165	D					1				decimal(10,2)		Period BM Unit Bid Cashflow	
N0168	D					1				decimal(10,2)		Period BM Unit Offer Cashflow	
BOS	R	1-*				G						**BMU Period Bid-Offer Value Pair**	
N0220	D						1			integer(2)		Time from	*minutes from start of period*
N0028	D						1			decimal(10,3)		Bid Offer Volume Value From	
N0221	D						1			integer(2)		Time To	*minutes from start of period*
N0029	D						1			decimal(10,3)		Bid Offer Volume Value To	
BOA	R	0-*			G							**BMU Period Bid-Offer Acceptance**	
N0342	D					1				integer(10)		B-O Acceptance Number	
N0390	D					1				boolean		CADL Flag	*True if short*
N0546	D					O				boolean		Acceptance SO-Flag	Populated for post-P217 Settlement Dates. This field wil
BO5	R	1-*				G						**BMU Period Bid-Offer Acceptance Spot Point**	
N0337	D						1			integer(3)		Acceptance From Time	*minutes from start of period*
N0026	D						1			decimal(10,3)		Bid Offer Acceptance Volume Value From	
N0338	D						1			integer(3)		Acceptance To Time	*minutes from start of period*
N0027	D						1			decimal(10,3)		Bid Offer Acceptance Volume Value To	
BO8	R	0-*				G						**BM Unit Bid-Offer Pair Acceptance Volume Data**	
N0025	D						1			integer(2)		Bid-Offer Pair Number	
N0547	D						O			decimal(10,3)		Bid-Offer Pair Acceptance Bid Volume	
N0548	D						O			decimal(10,3)		Bid-Offer Pair Acceptance Offer Volume	
MVR	R	0-*			G							**BM Unit MVR Information**	
N0045	D					1				text(8)		BSC Party Id	
N0177	D					1				char	P/C Flag	Production/Consumption Flag	P/C
N0061	D					1				decimal(10,3)		Credited Energy Volume	
N0109	D					1				decimal(10,3)		Fixed Metered Volume Reallocation	
N0163	D					1				decimal(8,5)		Percentage Metered Volume Reallocation	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
S0141	F	008										SAA-I014: Settlement Report: sub-flow 1	
SRH	R	1	G									**Settlement Report Header**	
N0200	D			1						date		Settlement Date	
N0202	D			1						text(2)	Run Type	Settlement Run Type	
N0304	D			1						integer(2)		SAA Run Number	
N0385	D			1						integer(2)		SAA CDCA Run Number	CDCA run which generated volumes used directly by SA
N0383	D			1						date		SVAA CDCA Settlement Date	CDCA settlement date from which GSP group take was
N0384	D			1						integer(2)		SVAA CDCA Run Number	CDCA run number from which GSP group take was use
N0211	D			1						integer(7)		SVAA SSR Run Number	
N0045	D			1						text(8)		BSC Party Id	
APC	R	1	G									**Aggregate Party Day Charges**	
N0048	D			1						decimal(10,2)		BSSC Limited Cost Allocation	
N0031	D			1						decimal(10,2)		BM Unit Cashflow	
N0086	D			1						decimal(10,2)		Energy Imbalance Cashflow	
N0122	D			1						decimal(10,2)		Information Imbalance Cashflow	
N0151	D			1						decimal(10,2)		Non-Delivery Charge	
N0194	D			1						decimal(10,2)		Residual Cashflow Reallocation Charge	
N0214	D			1						decimal(10,2)		Daily System Operator BM Cashflow	
SPH	R	46-50	G									**Settlement Period Header**	either 46 or 48 or 50
N0201	D			1						integer(2)		Settlement Period	
PPC	R	1		G								**Aggregate Party Period Charges**	
N0048	D				1					decimal(10,2)		BSSC Limited Cost Allocation	
N0031	D				1					decimal(10,2)		BM Unit Cashflow	
N0086	D				1					decimal(10,2)		Energy Imbalance Cashflow	
N0122	D				1					decimal(10,2)		Information Imbalance Cashflow	
N0151	D				1					decimal(10,2)		Non-Delivery Charge	
N0194	D				1					decimal(10,2)		Residual Cashflow Reallocation Charge	
SSD	R	1		G								**System Period Data**	
N0172	D				1					decimal(10,2)		Period BSSC Limited Costs	
N0213	D				1					decimal(10,2)		System Operator BM Cashflow	
N0124	D				1					decimal(10,5)		Information Imbalance Price 1	
N0125	D				1					decimal(10,5)		Information Imbalance Price 2	
N0212	D				1					decimal(10,5)		System Buy Price	
N0215	D				1					decimal(10,5)		System Sell Price	
N0439	D				1					text(2)	Price Derivation Code	Price Derivation Code	
N0333	D				1					decimal(10,2)		Total System BM Cashflow	
N0225	D				1					decimal(10,2)		Total System Energy Imbalance Cashflow	
N0228	D				1					decimal(10,2)		Total System Non-Delivery Charge	
N0216	D				1					decimal(10,3)		System Total Accepted Bid Volume	
N0386	D				O					decimal(10,3)		System Total Unpriced Accepted Bid Volume	Populated for pre-P217 Settlement Dates. This field will
N0393	D				1					decimal(10,3)		System Total Priced Accepted Bid Volume	
N0224	D				1					decimal(10,3)		Total System Energy Contract Volume	
N0428	D				O					decimal(10,3)		NIV Tagged System Total Unpriced Bid Volume	Populated for pre-P217 Settlement Dates. This field will
N0217	D				1					decimal(10,3)		Total System Accepted Offer Volume	
N0429	D				O					decimal(10,3)		NIV Tagged System Total Unpriced Offer Volume	Populated for pre-P217 Settlement Dates. This field will
N0430	D				1					decimal(10,3)		Net Imbalance Volume	
N0431	D				1					decimal(10,3)		Total NIV Tagged Volume	
N0432	D				O					decimal(10,3)		NIV Tagged SBVA	Populated for pre-P217 Settlement Dates. This field will

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
N0433	D				O					decimal(10,3)		NIV Tagged SSVA	Populated for pre-P217 Settlement Dates. This field will
N0387	D				O					decimal(10,3)		System Total Unpriced Accepted Offer Volume	Populated for pre-P217 Settlement Dates. This field will
N0394	D				1					decimal(10,3)		System Total Priced Accepted Offer Volume	
N0226	D				1					decimal(10,3)		Total System Energy Imbalance Volume	
N0395	D				1					decimal(10,3)		Residual Cashflow Reallocation Denominator	
N0230	D				1					decimal(10,2)		Total System Residual Cashflow	
N0227	D				1					decimal(10,2)		Total System Information Imbalance Charge	
N0305	D				O					decimal(10,2)		Net Energy Sell-Price Cost Adjustment	Populated for pre-P217 Settlement Dates. This field will
N0306	D				O					decimal(10,2)		Net Energy Buy-Price Cost Adjustment	Populated for pre-P217 Settlement Dates. This field will
N0307	D				O					decimal(10,3)		Net Energy Sell-Price Volume Adjustment	Populated for pre-P217 Settlement Dates. This field will
N0308	D				O					decimal(10,3)		Net Energy Buy-Price Volume Adjustment	Populated for pre-P217 Settlement Dates. This field will
N0416	D				O					decimal(10,3)		Net System Sell-Price Volume Adjustment	Populated for pre-P217 Settlement Dates. This field will
N0415	D				O					decimal(10,3)		Net System Buy-Price Volume Adjustment	Populated for pre-P217 Settlement Dates. This field will
N0371	D				1					decimal(10,2)		Sell-Price Price Adjust	
N0372	D				1					decimal(10,2)		Buy-Price Price Adjust	
N0438	D				1					decimal(10,3)		Total Period Applicable Balancing Services Volume	
N0335	D				1					decimal(10,3)		System Operator Production Imbalance	
N0336	D				1					decimal(10,3)		System Operator Consumption Imbalance	
N0501	D				O					decimal(10,3)		NIV Tagged Energy Buy Volume Adjustment	Populated for pre-P217 Settlement Dates. These fields w
N0502	D				O					decimal(10,3)		NIV Tagged Energy Sell Volume Adjustment	Populated for pre-P217 Settlement Dates. These fields w
N0503	D				O					decimal(10,3)		PAR Tagged Energy Buy Volume Adjustment	Populated for pre-P217 Settlement Dates. These fields w
N0504	D				O					decimal(10,3)		PAR Tagged Energy Sell Volume Adjustment	Populated for pre-P217 Settlement Dates. These fields w
N0434	D				O					decimal(10,2)		Untagged EBCA	Populated for pre-P217 Settlement Dates. This field will
N0435	D				O					decimal(10,3)		Untagged EBVA	Populated for pre-P217 Settlement Dates. This field will
N0436	D				O					decimal(10,2)		Untagged ESCA	Populated for pre-P217 Settlement Dates. This field will
N0437	D				O					decimal(10,3)		Untagged ESVA	Populated for pre-P217 Settlement Dates. This field will
N0517	D				O					decimal(10,3)		Total System Tagged Accepted Bid Volume	Populated for pre-P217 Settlement Dates. This field will
N0518	D				O					decimal(10,3)		Total System Tagged Accepted Offer Volume	Populated for pre-P217 Settlement Dates. This field will
N0519	D				O					decimal(10,3)		Total System Repriced Accepted Bid Volume	Populated for pre-P217 Settlement Dates. This field will
N0520	D				O					decimal(10,3)		Total System Repriced Accepted Offer Volume	Populated for pre-P217 Settlement Dates. This field will
N0521	D				O					decimal(10,3)		Total System Originally-priced Accepted Bid Volume	Populated for pre-P217 Settlement Dates. This field will
N0522	D				O					decimal(10,3)		Total System Originally-priced Accepted Offer Volume	Populated for pre-P217 Settlement Dates. This field will
N0523	D				O					decimal(10,3)		Total System Adjustment Sell Volume	Populated for pre-P217 Settlement Dates. This field will
N0524	D				O					decimal(10,3)		Total System Adjustment Buy Volume	Populated for pre-P217 Settlement Dates. This field will
N0525	D				O					decimal(10,3)		Total System Tagged Adjustment Sell Volume	Populated for pre-P217 Settlement Dates. This field will
N0526	D				O					decimal(10,3)		Total System Tagged Adjustment Buy Volume	Populated for pre-P217 Settlement Dates. This field will
N0527	D				O					decimal(10,3)		Total System Repriced Adjustment Sell Volume	Populated for pre-P217 Settlement Dates. This field will
N0528	D				O					decimal(10,3)		Total System Repriced Adjustment Buy Volume	Populated for pre-P217 Settlement Dates. This field will
N0529	D				O					decimal(10,3)		Total System Originally-priced Adjustment Sell Volume	Populated for pre-P217 Settlement Dates. This field will
N0530	D				O					decimal(10,3)		Total System Originally-priced Adjustment Buy Volume	Populated for pre-P217 Settlement Dates. This field will
N0531	D				O					decimal(10,2)		Replacement Price	Populated for pre-P217 Settlement Dates. This field will
N0532	D				O					decimal(10,3)		Replacement Price Calculation Volume	Populated for pre-P217 Settlement Dates. This field will
N0558	D				O					boolean		Stor Availability Window Flag	Populated for post-P305 Settlement Dates. This field will
N0559	D				O					decimal(10,9)		Loss Of Load Probability	Populated for post-P305 Settlement Dates (but will be nu
N0560	D				O					decimal(15,7)		De-rated Margin	Populated for post-P305 Settlement Dates (but will be nu
N0561	D				O					decimal(10,2)		Value Of Lost Load	Populated for post-P305 Settlement Dates. This field will
N0562	D				O					decimal(10,5)		Reserve Scarcity Price	Populated for post-P305 Settlement Dates (but will be nu
MD2	R	0-*			G							**Market Index Data Information**	There will be an entry for each appointed MIDP for Settle
N0423	D					1				text(8)		Market Index Data Provider ID	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
N0412	D					1				decimal(10,3)		Individual Liquidity Threshold	
N0413	D					O				decimal(10,2)		Market Index Price	
N0414	D					O				decimal(10,3)		Market Index Volume	
DB2	R	0-*		G								**Balancing Services Adjustment Action Data**	
N0533	D				1					integer(4)		Balancing Services Adjustment Action Id	
N0534	D				O					decimal(10,2)		Balancing Services Adjustment Action Cost	£ Null if Action is unpriced
N0535	D				1					decimal(10,3)		Balancing Services Adjustment Action Volume	
N0536	D				1					decimal(10,3)		Tagged Balancing Services Adjustment Action Volume	
N0537	D				1					decimal(10,3)		Repriced Balancing Services Adjustment Action Volume	
N0538	D				1					decimal(10,3)		Originally-Priced Balancing Services Adjustment Action Volume	
N0539	D				1					boolean		Balancing Services Adjustment Action SO-Flag	
N0563	D				O					boolean		Balancing Services Adjustment Action Stor Provider Flag	Populated for post-P305 Settlement Dates. This field will
N0566	D				O					boolean		Reserve Scarcity Price Flag	Populated for post-P305 Settlement Dates. This field will
APD	R	2		G								**Account Period Data**	
N0177	D				1					char	P/C Flag	Production/Consumption Flag	P/C
N0048	D				1					decimal(10,2)		BSSC Limited Cost Allocation	
N0087	D				1					decimal(10,2)		Energy Imbalance Charge	
N0123	D				1					decimal(10,2)		Information Imbalance Charge	
N0194	D				1					decimal(10,2)		Residual Cashflow Reallocation Charge	
N0001	D				1					decimal(10,3)		Account Bilateral Contract Volume	
N0004	D				1					decimal(10,3)		Account Period Balancing Services Volume	
N0003	D				1					decimal(10,3)		Account Energy Imbalance Volume	
N0002	D				1					decimal(10,3)		Account Credited Energy Volume	
N0195	D				1					decimal(8,7)		Residual Cashflow Reallocation Proportion	
APB	R	0-*			G							**Account Period BMU Data**	
N0034	D					1				text(11)		BM Unit Id	
N0061	D					1				decimal(10,3)		Credited Energy Volume	
N0109	D					1				decimal(10,3)		Fixed Metered Volume Reallocation	
N0163	D					1				decimal(8,5)		Percentage Metered Volume Reallocation	
BPD	R	0-*		G								**BM Unit Period Data**	
N0034	D				1					text(11)		BM Unit Id	
N0122	D				1					decimal(10,2)		Information Imbalance Cashflow	
N0037	D				1					decimal(10,2)		BM Unit Period Non-Delivery Charge	
N0174	D				1					decimal(10,3)		Period FPN	
N0164	D				1					decimal(10,3)		Period BM Unit Balancing Services Volume	
N0175	D				1					decimal(10,3)		Period Information Imbalance Volume	
N0173	D				1					decimal(10,3)		Period Expected Metered Volume	
N0035	D				1					decimal(10,3)		BM Unit Metered Volume	
N0166	D				1					decimal(10,3)		Period BM Unit Non-Delivered Bid Volume	
N0167	D				1					decimal(10,3)		Period BM Unit Non-Delivered Offer Volume	
N0233	D				1					decimal(8,7)		Transmission Loss Factor	
N0234	D				1					decimal(8,7)		Transmission Loss Multiplier	
N0232	D				1					text(30)		Trading Unit Name	
N0231	D				1					decimal(10,3)		Total Trading Unit Metered Volume	
N0421	D				1					decimal(10,3)		BM Unit Applicable Balancing Services Volume	
FPN	R	0-*			G							**FPN Value Pair**	
N0220	D					1				integer(2)		Time from	*minutes from start of period*
N0111	D					1				decimal(10,3)		FPN Value From	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
N0221	D					1				integer(2)		Time To	*minutes from start of period*
N0112	D					1				decimal(10,3)		FPN Value To	
BOD	R	0-*			G							**BMU Period Bid-Offer Data**	
N0025	D					1				integer(2)		Bid-Offer Pair Number	
N0030	D					1				decimal(10,5)		Bid Price	
N0153	D					1				decimal(10,5)		Offer Price	
N0169	D					1				decimal(10,3)		Period BM Unit Total Accepted Bid Volume	
N0170	D					1				decimal(10,3)		Period BM Unit Total Accepted Offer Volume	
N0388	D					O				decimal(10,3)		Period BM Unit Total Priced Accepted Bid Volume	Populated for pre-P217 Settlement Dates. This field null
N0389	D					O				decimal(10,3)		Period BM Unit Total Priced Accepted Offer Volume	Populated for pre-P217 Settlement Dates. This field null
N0540	D					O				decimal(10,3)		Period BM Unit Tagged Bid Volume	Populated for post-P217 Settlement Dates. This field wil
N0541	D					O				decimal(10,3)		Period BM Unit Tagged Offer Volume	Populated for post-P217 Settlement Dates. This field wil
N0542	D					O				decimal(10,3)		Period BM Unit Repriced Bid Volume	Populated for post-P217 Settlement Dates. This field wil
N0543	D					O				decimal(10,3)		Period BM Unit Repriced Offer Volume	Populated for post-P217 Settlement Dates. This field wil
N0544	D					O				decimal(10,3)		Period BM Unit Originally-Priced Bid Volume	Populated for post-P217 Settlement Dates. This field wil
N0545	D					O				decimal(10,3)		Period BM Unit Originally-Priced Offer Volume	Populated for post-P217 Settlement Dates. This field wil
N0165	D					1				decimal(10,2)		Period BM Unit Bid Cashflow	
N0168	D					1				decimal(10,2)		Period BM Unit Offer Cashflow	
BOS	R	1-*				G						**BMU Period Bid-Offer Value Pair**	
N0220	D						1			integer(2)		Time from	*minutes from start of period*
N0028	D						1			decimal(10,3)		Bid Offer Volume Value From	
N0221	D						1			integer(2)		Time To	*minutes from start of period*
N0029	D						1			decimal(10,3)		Bid Offer Volume Value To	
BOA	R	0-*			G							**BMU Period Bid-Offer Acceptance**	
N0342	D					1				integer(10)		B-O Acceptance Number	
N0390	D					1				boolean		CADL Flag	*True if short*
N0546	D					O				boolean		Acceptance SO-Flag	Populated for post-P217 Settlement Dates. This field wil
N0564	D					O				boolean		Acceptance Stor Provider Flag	Populated for post-P305 Settlement Dates. This field wil
N0566	D					O				boolean		Reserve Scarcity Price Flag	Populated for post-P305 Settlement Dates. This field wil
BO5	R	1-*				G						**BMU Period Bid-Offer Acceptance Spot Point**	
N0337	D						1			integer(3)		Acceptance From Time	*minutes from start of period*
N0026	D						1			decimal(10,3)		Bid Offer Acceptance Volume Value From	
N0338	D						1			integer(3)		Acceptance To Time	*minutes from start of period*
N0027	D						1			decimal(10,3)		Bid Offer Acceptance Volume Value To	
BO8	R	0-*				G						**BM Unit Bid-Offer Pair Acceptance Volume Data**	
N0025	D						1			integer(2)		Bid-Offer Pair Number	
N0547	D						O			decimal(10,3)		Bid-Offer Pair Acceptance Bid Volume	
N0548	D						O			decimal(10,3)		Bid-Offer Pair Acceptance Offer Volume	
MVR	R	0-*			G							**BM Unit MVR Information**	
N0045	D					1				text(8)		BSC Party Id	
N0177	D					1				char	P/C Flag	Production/Consumption Flag	P/C
N0061	D					1				decimal(10,3)		Credited Energy Volume	
N0109	D					1				decimal(10,3)		Fixed Metered Volume Reallocation	
N0163	D					1				decimal(8,5)		Percentage Metered Volume Reallocation	
S0161	F	001										SAA-I016: Settlement Calendar	
PUB	R	1	G									**Publication Details**	
N0343	D			1						datetime		Publication Date-Time	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
SCD	R	1-*	G									**Settlement Calendar Details**	
N0200	D			1						date		Settlement Date	
N0202	D			1						text(2)	Run Type	Settlement Run Type	
N0349	D			1						date		CVA Run Date	
N0353	D			O						date		SVA Run Date	
N0348	D			1						date		Settlement Run Date	
N0344	D			1						date		Notification Date	
N0345	D			1						date		Payment Date	
N0346	D			1						integer(3)		Notification Period	
N0347	D			1						integer(3)		Payment Period	
N0350	D			1						integer(3)		Elapsed Days SAA After Settlement	
N0351	D			1						integer(3)		Working Days SAA After Settlement	
N0352	D			1						integer(3)		Working Days SAA Before Notification	
S0171	F	001										SAA-I017: SAA Data Exception Report	
HCF	R	0-1	G									**Header of file being processed**	
N0102	D			1						text(8)		File Type	
N0058	D			1						datetime		Creation Time	
N0114	D			1						text(2)		From Role Code	
N0113	D			1						text(8)		From Participant Id	
N0223	D			1						text(2)		To Role Code	
N0222	D			1						text(8)		To Participant Id	
N0198	D			1						integer(9)		Sequence Number	
N0219	D			1						text(4)		Test Data Flag	
HNF	R	0-1	G									**Header of NGC file being processed**	
N0329	D			1						text(255)		NGC Filename	
BDE	R	1-*	G									**BMRA Data Exceptions**	
N0094	D			1						char	BMRA Exception Type	Exception Type	
N0093	D			1						text(255)		Exception Description	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type	Valid Set	item name/**group description**	Comments
X0NNN	F											Response Message	X0NNN is a dummy File Id - a Response Message has the same File Id as the message to which it is a response
ADT	R	1-*	G									**Acknowledgement Details**	
N0299	D			1						datetime		Received Time	
N0300	D			1						datetime		Response Time	
N0301	D			1						text(14)		File Name	
N0302	D			1						integer(3)		Response Code	
N0303	D			O						text(80)		Response Data	

valid set	type	low	high
Activity	D	A	
Activity	D	B	
Activity	D	C	
Activity	D	D	
Activity	D	E	
Activity	D	F	
Activity	D	G	
Activity	D	H	
Activity	D	J	
Activity	D	K	
Activity	D	L	
Activity	D	M	
Activity	D	N	
Activity	D	O	
Activity	D	P	
Activity	D	Q	
Activity	D	R	
Activity	D	S	
Activity	D	T	
Activity	D	U	
Activity	D	V	
Activity	D	W	
Activity	D	X	
Activity	D	Y	
Activity	D	Z	
Activity	D	ZA	
Activity	D	ZB	
Activity	D	ZC	
BM Unit Type	D	T	
BM Unit Type	D	E	
BM Unit Type	D	G	
BM Unit Type	D	I	
BM Unit Type	D	S	

valid set	type	low	high
Certification/Accreditation Status	D	1	
Certification/Accreditation Status	D	2	
Certification/Accreditation Status	D	3	
Certification/Accreditation Status	D	4	
Certification/Accreditation Status	D	5	
Credit Default Level	D	1	
Credit Default Level	D	2	
Estimation Method	D	A	
Estimation Method	D	B	
Estimation Method	D	C	
Estimation Method	D	D	
Estimation Method	D	E	
Estimation Method	D	F	
Estimation Method	D	G	
Estimation Method	D	H	
Estimation Method	D	I	
Estimation Method	D	J	
Estimation Method	D	K	
Estimation Method	D	L	
Estimation Method	D	M	
Estimation Method	D	N	
Estimation Method	D	U	
Estimation Method	D	X	
I/E Flag	D	I	
I/E Flag	D	E	
Main/Check Indicator	D	M	
Main/Check Indicator	D	C	
Measurement Quantity	D	AE	
Measurement Quantity	D	AI	

valid set	type	low	high
Measurement Quantity	D	RE	
Measurement Quantity	D	RI	
Meter Reading Status	D	A	
Meter Reading Status	D	B	
Meter Reading Status	D	C	
Meter Reading Status	D	D	
Multiday Flag	D	M	
Multiday Flag	D	S	
Organisation Type	D	BM	
Organisation Type	D	BC	
Organisation Type	D	BP	
Organisation Type	D	CD	
Organisation Type	D	CR	
Organisation Type	D	DB	
Organisation Type	D	EC	
Organisation Type	D	EN	
Organisation Type	D	FA	
Organisation Type	D	HA	
Organisation Type	D	HC	
Organisation Type	D	IA	
Organisation Type	D	IE	
Organisation Type	D	MA	
Organisation Type	D	MO	
Organisation Type	D	MS	
Organisation Type	D	MV	
Organisation Type	D	NA	
Organisation Type	D	NC	
Organisation Type	D	NO	
Organisation Type	D	PA	
Organisation Type	D	SA	
Organisation Type	D	SG	

valid set	type	low	high
Organisation Type	D	SM	
Organisation Type	D	SO	
Organisation Type	D	SV	
Organisation Type	D	TA	
Organisation Type	D	TG	
Organisation Type	D	TI	
Organisation Type	D	TL	
Organisation Type	D	TN	
Organisation Type	D	TS	
Organisation Type	D	EM	
P/C Flag	D	P	
P/C Flag	D	C	
P/C Status	D	P	
P/C Status	D	C	
Registration Status	D	S	
Registration Status	D	P	
Registration Type	D	PY	
Registration Type	D	PA	
Registration Type	D	SA	
Registration Type	D	BM	
Registration Type	D	EI	
Registration Type	D	TU	
Registration Type	D	BP	
Registration Type	D	MS	
Registration Type	D	GG	
Registration Type	D	GS	
Registration Type	D	EM	
Run Type	D	II	
Run Type	D	SF	
Run Type	D	R1	

valid set	type	low	high
Run Type	D	R2	
Run Type	D	R3	
Run Type	D	RF	
Run Type	D	D	
Run Type	D	DF	
Point Type	D	BG	
Point Type	D	BS	
Point Type	D	BD	
Point Type	D	BI	
Point Type	D	BE	
Point Type	D	BO	
Point Type	D	SI	
Point Type	D	SG	
Point Type	D	SD	
BMRA Exception Type	D	B	
BMRA Exception Type	D	T	
Charge Type	D	A	
Charge Type	D	E	
Charge Type	D	I	
Charge Type	D	N	
Charge Type	D	R	
Charge Type	D	B	
Charge Type	D	S	
Demand	R	0	99999
Imbalance	R	-99999	99999
Margin	R	-99999	99999
SPN Demand	R	-99999	0
SPN Generation	R	0	99999
FT Generation	R	-99999	99999
Week Number	R	1	53

valid set	type	low	high
Zone Indicator	D	N	
Zone Indicator	D	B1	
Zone Indicator	D	B2	
Zone Indicator	D	B3	
Zone Indicator	D	B4	
Zone Indicator	D	B5	
Zone Indicator	D	B6	
Zone Indicator	D	B7	
Zone Indicator	D	B8	
Zone Indicator	D	B9	
Zone Indicator	D	B10	
Zone Indicator	D	B11	
Zone Indicator	D	B12	
Zone Indicator	D	B13	
Zone Indicator	D	B14	
Zone Indicator	D	B15	
Zone Indicator	D	B16	
Zone Indicator	D	B17	
Action Code	D	Change	
Action Code	D	No Action	
Action Code	D	Delete	
Party Sequence	D	1	
Party Sequence	D	2	
L/S Flag	D	L	
L/S Flag	D	S	

Flow Id	Ext Role Code	Int Role Code	Direction	Comments
B0101	SO	BM	O	
B0101	BC	BM	O	
B0101	CR	BM	O	
B0101	BM	CR	I	
B0101	EC	BM	O	
B0102	SO	BM	O	BSAD feedback
B0101	MI	BM	O	
B0151	MI	BM	I	
C0101	BP	CD	O	
C0101	MO	CD	O	
C0121	BP	CD	O	
C0121	DB	CD	O	
C0121	SO	CD	O	
C0231	CD	CD	O	internal report
C0231	CD	CD	I	internal report
C0251	CD	CD	O	internal report
C0251	CD	CD	I	internal report
C0141	BP	CD	O	
C0141	DB	CD	O	
C0141	MO	CD	O	
C0141	BC	CD	O	
C0141	SO	CD	O	
C0221	BC	CD	I	
C0291	BP	CD	O	
C0291	DB	CD	O	
C0291	SO	CD	O	
C0301	DB	CD	O	
C0301	BP	CD	O	on request to participant
C0401	EC	CD	O	
C0401	CD	EC	I	

Flow Id	Ext Role Code	Int Role Code	Direction	Comments
C0411	IA	CD	O	
C0421	BP	CD	O	
C0421	SO	CD	O	
C0491	SO	CD	O	
C0541	BP	CD	O	
C0541	MO	CD	O	
C0541	DB	CD	O	
U0001	CD	CD	O	internal report
U0001	CD	CD	I	internal report
U0002	CD	CD	O	internal report
U0002	CD	CD	I	internal report
U0003	CD	CD	O	internal report
U0003	CD	CD	I	internal report
E0021	BP	EC	I	
E0021	EN	EC	I	
E0031	BP	EC	I	
E0031	MV	EC	I	
E0041	EN	EC	I	
E0041	EW	EC	I	For EWS created ECVN Submissions
E0051	MV	EC	I	
E0051	MW	EC	I	For EWS created MVRN Submissions
E0061	FA	EC	I	
E0071	BP	EC	O	
E0071	EN	EC	O	
E0081	BP	EC	O	
E0081	MV	EC	O	
E0091	BP	EC	O	
E0091	EN	EC	O	
E0101	BP	EC	O	
E0101	MV	EC	O	
E0111	SA	EC	O	
E0111	EC	SA	I	

Flow Id	Ext Role Code	Int Role Code	Direction	Comments
E0121	SA	EC	O	
E0121	EC	SA	I	
E0131	BP	EC	O	
E0131	EN	EC	O	
E0132	BP	EC	O	
E0132	MV	EC	O	
E0141	BP	EC	O	
E0141	EN	EC	O	
E0141	MV	EC	O	
E0161	FA	EC	O	
E0161	CR	EC	O	
E0161	EC	CR	I	
E0221	BP	EC	O	
E0281	BP	EC	O	
E0281	EN	EC	O	
E0291	BP	EC	O	
E0291	MV	EC	O	
E0361	BM	EC	O	
E0361	EC	BM	I	
E0231	BC	EC	O	
W0001	EC	EC	O	internal report
W0001	EC	EC	I	internal report
P0012	G	S	O	Stage 2 Role Codes; from CDCA to SVAA
P0181	U	Z	O	Stage 2 Role Codes; from CRA to MDDA
P0182	G	F	I	Stage 2 Role Codes; from SVAA to SAA
P0236	G	F	I	Stage 2 Role Codes; from SVAA to SAA
P0237	G	F	I	Stage 2 Role Codes; from SVAA to SAA
P0240	G	E	O	Stage 2 Role Codes; from BMRA to SVAA
P0183	G	S	I	Stage 2 Response
P0183	U	Z	I	Stage 2 Response
P0183	G	F	O	Stage 2 Response

Flow Id	Ext Role Code	Int Role Code	Direction	Comments
R0011	BP	CR	I	
R0021	IA	CR	I	
R0021	BP	CR	I	
R0031	PA	CR	I	initial reg from BSCC Ltd but manual
R0041	BC	CR	I	
R0041	SG	CR	I	
R0051	BP	CR	I	
R0061	BP	CR	I	
R0071	DB	CR	I	
R0071	BC	CR	O	
R0071	SO	CR	I	
R0081	SO	CR	I	
R0081	DB	CR	I	
R0081	BP	CR	I	
R0131	FA	CR	O	
R0131	EC	CR	O	
R0131	CR	EC	I	
R0131	BM	CR	O	
R0131	CR	BM	I	
R0131	SO	CR	O	
R0141	BP	CR	O	
R0142	BP	CR	O	
R0143	PA	CR	O	new role (OR 395)
R0144	SG	CR	O	
R0145	BP	CR	O	
R0146	BP	CR	O	
R0147	BP	CR	O	when sent to SO goes to their BP role
R0148	BP	CR	O	when sent to SO goes to their BP role
R0149	BP	CR	O	
R014A	BP	CR	O	
R014B	BP	CR	O	

Flow Id	Ext Role Code	Int Role Code	Direction	Comments
R014C	BP	CR	O	
R014C	PA	CR	O	
R0151	BM	CR	O	
R0151	CR	BM	I	
R0151	EC	CR	O	
R0151	CR	EC	I	
R0151	FA	CR	O	
R0171	EC	CR	O	
R0171	CR	EC	I	
R0201	BC	CR	O	
R0201	SO	CR	O	
R0211	BP	CR	O	plus (manually) to the "public"
R0221	TA	CR	O	internal report
R0241	BP	CR	O	
R0241	PA	CR	O	
R0241	SG	CR	O	
R0271	DB	CR	I	
R0271	BP	CR	I	
R0281	SO	CR	O	
R0281	BC	CR	O	
R0311	BP	CR	I	
R0351	BC	CR	O	
V0001	CR	CR	O	internal report
V0001	CR	CR	I	internal report
S0061	IA	SA	I	
S0101	BC	SA	I	
S0102	BC	SA	I	
S0131	EC	SA	O	
S0131	SA	EC	I	
S0131	FA	SA	O	
S0141	BP	SA	O	

Flow Id	Ext Role Code	Int Role Code	Direction	Comments
S0142	PB	SA	O	system generated copy of SO report for party download.
S0142	SO	SA	O	
S0142	EM	SA	O	
S0142	BM	SA	O	
S0142	SA	BM	I	
S0143	BC	SA	O	
S0171	IA	SA	O	
S0171	SO	SA	O	
S0171	EC	SA	O	
S0171	SV	SA	O	
S0171	SA	EC	I	
S0171	MI	SA	O	
S0172	SO	SA	O	BSAD feedback
S0191	BC	SA	O	
S0301	MI	SA	I	
S0251	BC	SA	O	
S0491	BM	SA	O	
NGC01	SO	BM	I	
NGC01	SO	EC	I	
NGC01	SO	SA	I	
NGC02	SO	BM	I	
NGC02	SO	SA	I	
NGC03	SO	BM	I	
NGC03	SO	SA	I	
NGC04	SO	BM	I	
NGC04	SO	SA	I	
NGC05	SO	BM	I	
NGC05	SO	SA	I	
NGC06	SO	BM	I	
NGC06	SO	SA	I	
NGC07	SO	BM	I	
NGC07	SO	SA	I	

Flow Id	Ext Role Code	Int Role Code	Direction	Comments
NGC08	SO	BM	I	
NGC08	SO	SA	I	
NGC09	SO	BM	I	
NGC09	SO	SA	I	
NGC10	SO	BM	I	
NGC10	SO	SA	I	
NGC11	SO	BM	I	
NGC11	SO	SA	I	
NGC12	SO	BM	I	
NGC12	SO	SA	I	
NGC13	SO	BM	I	
NGC13	SO	SA	I	
NGC14	SO	BM	I	
NGC14	SO	SA	I	
NGC15	SO	BM	I	
NGC15	SO	SA	I	
NGC16	SO	BM	I	
NGC16	SO	SA	I	
NGC17	SO	BM	I	
NGC17	SO	SA	I	
NGC18	SO	BM	I	
NGC18	SO	SA	I	
NGC19	SO	BM	I	
NGC19	SO	SA	I	
NGC20	SO	BM	I	
NGC20	SO	SA	I	
NGC21	SO	BM	I	
NGC21	SO	SA	I	
NGC22	SO	BM	I	
NGC22	SO	SA	I	
NGC23	SO	BM	I	
NGC23	SO	SA	I	
NGC24	SO	BM	I	

Flow Id	Ext Role Code	Int Role Code	Direction	Comments
NGC24	SO	SA	I	
NGC25	SO	BM	I	
NGC25	SO	SA	I	
NGC26	SO	BM	I	
NGC26	SO	SA	I	
NGC27	SO	BM	I	
NGC27	SO	SA	I	
NGC28	SO	BM	I	
NGC28	SO	SA	I	
NGC29	SO	BM	I	
NGC29	SO	SA	I	
NGC30	SO	BM	I	
NGC30	SO	SA	I	
NGC31	SO	BM	I	

Id	type	flow version / range	L1	L2	L3	L4	L5	L6	L7	data type
AAL	R	V001	G							
N0339	D			O						text(9)
N0006	D			1						text(2)
N0081	D			1						date
N0083	D			O						date
AAL	R	V002	G							
N0339	D			O						text(9)
N0006	D			1						text(2)
N0081	D			1						date
N0083	D			O						date
AAL	R	V003	G							
N0339	D			O						text(9)
N0006	D			1						text(2)
N0081	D			1						date
N0083	D			O						date
AAS	R	V001	G							
N0339	D			O						text(9)
N0203	D			1						text(30)
N0162	D			O						text(8)
N0056	D			O						text(15)
N0067	D			O						text(80)
AAL	R	0-*		G						
AAS	R	V002	G							
N0339	D			O						text(9)
N0203	D			1						text(30)
N0162	D			O						text(8)
N0056	D			O						text(15)
N0067	D			O						text(80)
AAL	R	0-*		G						
AAS	R	V003	G							
N0339	D			O						text(9)
N0203	D			1						text(30)
N0162	D			O						text(8)
N0056	D			O						text(15)
N0067	D			O						text(80)
AAL	R	0-*		G						
ABH	R	V001	G							
N0200	D			1						date
N0076	D			O						integer(3)
ABP	R	V002	G							
N0201	D			1						integer(2)
N0090	D			1						boolean

N0139	D			1						decimal(10,3)
N0121	D			1						char
ABV	R	V002	G							
N0034	D			1						text(11)
N0200	D			1						date
N0202	D			1						text(2)
N0049	D			1						integer(2)
N0062	D			1						date
ABP	R	46-50		G						
AC1	R	V001	G							
N0339	D			O						text(9)
N0051	D			1						char
ACD	R	V001	G							
N0051	D			1						char
ACE	R	V003	G							
N0177	D			1						char
N0452	D			1						decimal(10,3)
N0453	D			1						decimal(10,3)
N0454	D			1						decimal(10,3)
N0455	D			1						decimal(10,3)
ACT	R	1		G						
ACE	R	V004	G							
N0177	D			1						char
N0452	D			1						decimal(10,3)
N0453	D			1						decimal(10,3)
N0454	D			1						decimal(10,3)
N0455	D			1						decimal(10,3)
ACT	R	1		G						
ACK	R	V001	G							
N0101	D			1						text(10)
N0102	D			1						text(8)
N0302	D			1						integer(3)
N0303	D			O						text(80)
ACT	R	V003	G							
N0497	D			1						decimal(10,3)
N0498	D			1						decimal(10,3)
N0499	D			1						decimal(10,3)
N0500	D			1						decimal(10,3)
ACT	R	V004	G							
N0497	D			1						decimal(10,3)
N0498	D			1						decimal(10,3)
N0499	D			1						decimal(10,3)
N0500	D			1						decimal(10,3)
ADT	R	V001	G							
N0299	D			1						datetime
N0300	D			1						datetime
N0301	D			1						text(14)

N0302	D			1						integer(3)
N0303	D			O						text(80)
AED	R	V003	G							
N0449	D			1						date
N0450	D			1						date
AED	R	V004	G							
N0449	D			1						date
N0450	D			1						date
AGP	R	V002	G							
N0201	D			1						integer(2)
N0090	D			1						boolean
N0121	D			1						char
N0327	D			1						decimal(14,4)
AGV	R	V002	G							
N0116	D			1						text(2)
N0200	D			1						date
N0202	D			1						text(2)
N0049	D			1						integer(2)
N0062	D			1						date
AGP	R	46-50		G						
AIP	R	V002	G							
N0201	D			1						integer(2)
N0090	D			1						boolean
N0139	D			1						decimal(10,3)
N0121	D			1						char
AIV	R	V002	G							
N0098	D			1						text(10)
N0200	D			1						date
N0202	D			1						text(2)
N0049	D			1						integer(2)
N0062	D			1						date
AIP	R	46-50		G						
APB	R	V006	G							
N0034	D			1						text(11)
N0061	D			1						decimal(10,3)
N0109	D			1						decimal(10,3)
N0163	D			1						decimal(8,5)
APB	R	V007	G							
N0034	D			1						text(11)
N0061	D			1						decimal(10,3)
N0109	D			1						decimal(10,3)
N0163	D			1						decimal(8,5)
APB	R	V008	G							
N0034	D			1						text(11)
N0061	D			1						decimal(10,3)
N0109	D			1						decimal(10,3)
N0163	D			1						decimal(8,5)

APC	R	V006	G							
N0048	D			1						decimal(10,2)
N0031	D			1						decimal(10,2)
N0086	D			1						decimal(10,2)
N0122	D			1						decimal(10,2)
N0151	D			1						decimal(10,2)
N0194	D			1						decimal(10,2)
N0214	D			1						decimal(10,2)
APC	R	V007	G							
N0048	D			1						decimal(10,2)
N0031	D			1						decimal(10,2)
N0086	D			1						decimal(10,2)
N0122	D			1						decimal(10,2)
N0151	D			1						decimal(10,2)
N0194	D			1						decimal(10,2)
N0214	D			1						decimal(10,2)
APC	R	V008	G							
N0048	D			1						decimal(10,2)
N0031	D			1						decimal(10,2)
N0086	D			1						decimal(10,2)
N0122	D			1						decimal(10,2)
N0151	D			1						decimal(10,2)
N0194	D			1						decimal(10,2)
N0214	D			1						decimal(10,2)
APD	R	V006	G							
N0177	D			1						char
N0048	D			1						decimal(10,2)
N0087	D			1						decimal(10,2)
N0123	D			1						decimal(10,2)
N0194	D			1						decimal(10,2)
N0001	D			1						decimal(10,3)
N0004	D			1						decimal(10,3)
N0003	D			1						decimal(10,3)
N0002	D			1						decimal(10,3)
N0195	D			1						decimal(8,7)
APB	R	0-*		G						
APD	R	V007	G							
N0177	D			1						char
N0048	D			1						decimal(10,2)
N0087	D			1						decimal(10,2)
N0123	D			1						decimal(10,2)
N0194	D			1						decimal(10,2)
N0001	D			1						decimal(10,3)
N0004	D			1						decimal(10,3)
N0003	D			1						decimal(10,3)
N0002	D			1						decimal(10,3)
N0195	D			1						decimal(8,7)
APB	R	0-*		G						
APD	R	V008	G							
N0177	D			1						char

N0048	D			1						decimal(10,2)
N0087	D			1						decimal(10,2)
N0123	D			1						decimal(10,2)
N0194	D			1						decimal(10,2)
N0001	D			1						decimal(10,3)
N0004	D			1						decimal(10,3)
N0003	D			1						decimal(10,3)
N0002	D			1						decimal(10,3)
N0195	D			1						decimal(8,7)
APB	R	0-*		G						
AR1	R	V001	G							
N0020	D			1						text(2)
N0081	D			1						date
N0083	D			O						date
RAD	R	0-1		G						
ACD	R	0-1		G						
AR2	R	V001	G							
N0339	D			O						text(9)
N0044	D			1						text(2)
N0183	D			1						date
N0184	D			O						date
SA2	R	0-1		G						
AR2	R	V002	G							
N0339	D			O						text(9)
N0044	D			1						text(2)
N0183	D			1						date
N0184	D			O						date
SA2	R	0-1		G						
AR2	R	V003	G							
N0339	D			O						text(9)
N0044	D			1						text(2)
N0183	D			1						date
N0184	D			O						date
SA2	R	0-1		G						
AR3	R	V001	G							
N0339	D			O						text(9)
N0020	D			1						text(2)
N0185	D			1						char
N0183	D			1						date
N0184	D			O						date
RA4	R	0-1		G						
AC1	R	1		G						
AR4	R	V001	G							
N0339	D			O						text(9)
N0020	D			1						text(2)
N0081	D			1						date
N0083	D			O						date
RA4	R	0-1		G						
AC1	R	1		G						

ARD	R	V001	G							
N0020	D			1						text(2)
N0183	D			1						date
N0184	D			O						date
RA3	R	0-1		G						
ACD	R	1		G						
AU1	R	V001	G							
N0339	D			O						text(9)
N0203	D			1						text(30)
N0162	D			O						text(8)
N0056	D			O						text(15)
N0067	D			O						text(80)
AU2	R	0-*		G						
AU2	R	V001	G							
N0339	D			O						text(9)
N0006	D			1						text(2)
N0081	D			1						date
N0083	D			O						date
AUL	R	V001	G							
N0006	D			1						text(2)
N0081	D			1						date
N0083	D			O						date
AUS	R	V001	G							
N0203	D			1						text(30)
N0162	D			O						text(8)
N0056	D			O						text(15)
N0067	D			O						text(80)
AUL	R	0-*		G						
BA2	R	V001	G							
N0005	D			1						text(255)
N0159	D			O						text(30)
N0160	D			O						text(8)
N0019	D			1						text(30)
N0018	D			O						text(8)
ARD	R	1-*		G						
AUS	R	0-*		G						
BA3	R	V001	G							
N0339	D			O						text(9)
N0019	D			1						text(30)
N0018	D			1						text(8)
AR3	R	0-*		G						
AU1	R	0-*		G						
BBO	R	V006	G							
N0025	D			1						integer(2)
N0030	D			O						decimal(10,5)
N0153	D			O						decimal(10,5)
BO2	R	0-*		G						
BBO	R	V007	G							

N0025	D			1						integer(2)
N0030	D			O						decimal(10,5)
N0153	D			O						decimal(10,5)
BO2	R	0-*		G						
BBO	R	V008	G							
N0025	D			1						integer(2)
N0030	D			O						decimal(10,5)
N0153	D			O						decimal(10,5)
BO2	R	0-*		G						
BDD	R	V001	G							
N0201	D			1						integer(2)
N0557	D			1						decimal(14,4)
BDE	R	V001	G							
N0094	D			1						char
N0093	D			1						text(255)
BDV	R	V001	G							
N0201	D			1						integer(2)
N0554	D			1						decimal(14,4)
BM2	R	V001	G							
N0034	D			1						text(11)
BMV	R	46-50		G						
BM3	R	V001	G							
N0034	D			1						text(11)
BDV	R	46-50		G						
BM4	R	V001	G							
N0034	D			1						text(11)
BDD	R	46-50		G						
BMD	R	V001	G							
N0034	D			1						text(11)
N0129	D			1						char
SUD	R	1-*		G						
BMU	R	V001	G							
N0034	D			1						text(11)
N0082	D			1						date
N0084	D			O						date
N0063	D			1						boolean
BMV	R	V001	G							
N0201	D			1						integer(2)
N0171	D			1						decimal(14,4)
BO2	R	V006	G							
N0220	D			1						integer(2)
N0028	D			O						decimal(10,3)
N0221	D			1						integer(2)
N0029	D			O						decimal(10,3)

BO2	R	V007	G							
N0220	D			1						integer(2)
N0028	D			O						decimal(10,3)
N0221	D			1						integer(2)
N0029	D			O						decimal(10,3)
BO2	R	V008	G							
N0220	D			1						integer(2)
N0028	D			O						decimal(10,3)
N0221	D			1						integer(2)
N0029	D			O						decimal(10,3)
BO3	R	V006	G							
N0342	D			1						integer(10)
N0390	D			O						boolean
BO6	R	0-*		G						
BO3	R	V007	G							
N0342	D			1						integer(10)
N0390	D			1						boolean
N0546	D			O						boolean
BO6	R	0-*		G						
BO7	R	0-*		G						
BO3	R	V008	G							
N0342	D			1						integer(10)
N0390	D			1						boolean
N0546	D			O						boolean
N0564	D			O						boolean
N0566	D			O						boolean
BO6	R	0-*		G						
BO7	R	0-*		G						
BO4	R	V006	G							
N0025	D			1						integer(2)
N0030	D			1						decimal(10,5)
N0153	D			1						decimal(10,5)
N0169	D			1						decimal(10,3)
N0170	D			1						decimal(10,3)
N0388	D			O						decimal(10,3)
N0389	D			O						decimal(10,3)
N0165	D			1						decimal(10,2)
N0168	D			1						decimal(10,2)
BO2	R	0-*		G						
BO4	R	V007	G							
N0025	D			1						integer(2)
N0030	D			1						decimal(10,5)
N0153	D			1						decimal(10,5)
N0169	D			1						decimal(10,3)
N0170	D			1						decimal(10,3)
N0388	D			O						decimal(10,3)
N0389	D			O						decimal(10,3)
N0540	D			O						decimal(10,3)
N0541	D			O						decimal(10,3)
N0542	D			O						decimal(10,3)

N0543	D			O						decimal(10,3)
N0544	D			O						decimal(10,3)
N0545	D			O						decimal(10,3)
N0165	D			1						decimal(10,2)
N0168	D			1						decimal(10,2)
BO2	R	0-*		G						
BO4	R	V008	G							
N0025	D			1						integer(2)
N0030	D			1						decimal(10,5)
N0153	D			1						decimal(10,5)
N0169	D			1						decimal(10,3)
N0170	D			1						decimal(10,3)
N0388	D			O						decimal(10,3)
N0389	D			O						decimal(10,3)
N0540	D			O						decimal(10,3)
N0541	D			O						decimal(10,3)
N0542	D			O						decimal(10,3)
N0543	D			O						decimal(10,3)
N0544	D			O						decimal(10,3)
N0545	D			O						decimal(10,3)
N0165	D			1						decimal(10,2)
N0168	D			1						decimal(10,2)
BO2	R	0-*		G						
BO5	R	V006	G							
N0337	D			1						integer(3)
N0026	D			1						decimal(10,3)
N0338	D			1						integer(3)
N0027	D			1						decimal(10,3)
BO5	R	V007	G							
N0337	D			1						integer(3)
N0026	D			1						decimal(10,3)
N0338	D			1						integer(3)
N0027	D			1						decimal(10,3)
BO5	R	V008	G							
N0337	D			1						integer(3)
N0026	D			1						decimal(10,3)
N0338	D			1						integer(3)
N0027	D			1						decimal(10,3)
BO6	R	V006	G							
N0337	D			1						integer(3)
N0026	D			O						decimal(10,3)
N0338	D			1						integer(3)
N0027	D			O						decimal(10,3)
BO6	R	V007	G							
N0337	D			1						integer(3)
N0026	D			O						decimal(10,3)
N0338	D			1						integer(3)
N0027	D			O						decimal(10,3)
BO6	R	V008	G							

N0337	D			1						integer(3)
N0026	D			O						decimal(10,3)
N0338	D			1						integer(3)
N0027	D			O						decimal(10,3)
BO7	R	V007	G							
N0025	D			1						integer(2)
N0547	D			O						decimal(10,3)
N0548	D			O						decimal(10,3)
BO7	R	V008	G							
N0025	D			1						integer(2)
N0547	D			O						decimal(10,3)
N0548	D			O						decimal(10,3)
BO8	R	V007	G							
N0025	D			1						integer(2)
N0547	D			O						decimal(10,3)
N0548	D			O						decimal(10,3)
BO8	R	V008	G							
N0025	D			1						integer(2)
N0547	D			O						decimal(10,3)
N0548	D			O						decimal(10,3)
BOA	R	V006	G							
N0342	D			1						integer(10)
N0390	D			1						boolean
BO5	R	1-*		G						
BOA	R	V007	G							
N0342	D			1						integer(10)
N0390	D			1						boolean
N0546	D			O						boolean
BO5	R	1-*		G						
BO8	R	0-*		G						
BOA	R	V008	G							
N0342	D			1						integer(10)
N0390	D			1						boolean
N0546	D			O						boolean
N0564	D			O						boolean
N0566	D			O						boolean
BO5	R	1-*		G						
BO8	R	0-*		G						
BOD	R	V006	G							
N0025	D			1						integer(2)
N0030	D			1						decimal(10,5)
N0153	D			1						decimal(10,5)
N0169	D			1						decimal(10,3)
N0170	D			1						decimal(10,3)
N0388	D			O						decimal(10,3)
N0389	D			O						decimal(10,3)
N0165	D			1						decimal(10,2)
N0168	D			1						decimal(10,2)

BOS	R	1-*		G						
BOD	R	V007	G							
N0025	D			1						integer(2)
N0030	D			1						decimal(10,5)
N0153	D			1						decimal(10,5)
N0169	D			1						decimal(10,3)
N0170	D			1						decimal(10,3)
N0388	D			O						decimal(10,3)
N0389	D			O						decimal(10,3)
N0540	D			O						decimal(10,3)
N0541	D			O						decimal(10,3)
N0542	D			O						decimal(10,3)
N0543	D			O						decimal(10,3)
N0544	D			O						decimal(10,3)
N0545	D			O						decimal(10,3)
N0165	D			1						decimal(10,2)
N0168	D			1						decimal(10,2)
BOS	R	1-*		G						
BOD	R	V008	G							
N0025	D			1						integer(2)
N0030	D			1						decimal(10,5)
N0153	D			1						decimal(10,5)
N0169	D			1						decimal(10,3)
N0170	D			1						decimal(10,3)
N0388	D			O						decimal(10,3)
N0389	D			O						decimal(10,3)
N0540	D			O						decimal(10,3)
N0541	D			O						decimal(10,3)
N0542	D			O						decimal(10,3)
N0543	D			O						decimal(10,3)
N0544	D			O						decimal(10,3)
N0545	D			O						decimal(10,3)
N0165	D			1						decimal(10,2)
N0168	D			1						decimal(10,2)
BOS	R	1-*		G						
BOS	R	V006	G							
N0220	D			1						integer(2)
N0028	D			1						decimal(10,3)
N0221	D			1						integer(2)
N0029	D			1						decimal(10,3)
BOS	R	V007	G							
N0220	D			1						integer(2)
N0028	D			1						decimal(10,3)
N0221	D			1						integer(2)
N0029	D			1						decimal(10,3)
BOS	R	V008	G							
N0220	D			1						integer(2)
N0028	D			1						decimal(10,3)
N0221	D			1						integer(2)
N0029	D			1						decimal(10,3)

BP1	R	V001	G							
N0339	D			O						text(9)
N0019	D			1						text(30)
N0018	D			1						text(8)
SR4	R	0-*		G						
BP2	R	V001	G							
N0039	D			1						text(10)
N0322	D			1						text(2)
N0081	D			1						date
N0083	D			O						date
BP3	R	V001	G							
N0339	D			O						text(9)
N0043	D			1						text(30)
N0018	D			1						text(8)
AR2	R	0-*		G						
AAS	R	0-*		G						
BP3	R	V002	G							
N0339	D			O						text(9)
N0043	D			1						text(30)
N0018	D			1						text(8)
AR2	R	0-*		G						
AAS	R	0-*		G						
BP3	R	V003	G							
N0339	D			O						text(9)
N0043	D			1						text(30)
N0018	D			1						text(8)
AR2	R	0-*		G						
AAS	R	0-*		G						
BP7	R	V006	G							
N0034	D			1						text(11)
N0122	D			1						decimal(10,2)
N0037	D			1						decimal(10,2)
N0174	D			1						decimal(10,3)
N0164	D			1						decimal(10,3)
N0175	D			1						decimal(10,3)
N0173	D			1						decimal(10,3)
N0035	D			1						decimal(10,3)
N0166	D			1						decimal(10,3)
N0167	D			1						decimal(10,3)
N0233	D			1						decimal(8,7)
N0234	D			1						decimal(8,7)
N0232	D			1						text(30)
N0231	D			1						decimal(10,3)
N0421	D			1						decimal(10,3)
FP2	R	0-*		G						
BO4	R	0-*		G						
BO3	R	0-*		G						
MVR	R	0-*		G						
BP7	R	V007	G							
N0034	D			1						text(11)

N0122	D			1						decimal(10,2)
N0037	D			1						decimal(10,2)
N0174	D			1						decimal(10,3)
N0164	D			1						decimal(10,3)
N0175	D			1						decimal(10,3)
N0173	D			1						decimal(10,3)
N0035	D			1						decimal(10,3)
N0166	D			1						decimal(10,3)
N0167	D			1						decimal(10,3)
N0233	D			1						decimal(8,7)
N0234	D			1						decimal(8,7)
N0232	D			1						text(30)
N0231	D			1						decimal(10,3)
N0421	D			1						decimal(10,3)
FP2	R	0-*		G						
BO4	R	0-*		G						
BO3	R	0-*		G						
MVR	R	0-*		G						
BP7	R	V008	G							
N0034	D			1						text(11)
N0122	D			1						decimal(10,2)
N0037	D			1						decimal(10,2)
N0174	D			1						decimal(10,3)
N0164	D			1						decimal(10,3)
N0175	D			1						decimal(10,3)
N0173	D			1						decimal(10,3)
N0035	D			1						decimal(10,3)
N0166	D			1						decimal(10,3)
N0167	D			1						decimal(10,3)
N0233	D			1						decimal(8,7)
N0234	D			1						decimal(8,7)
N0232	D			1						text(30)
N0231	D			1						decimal(10,3)
N0421	D			1						decimal(10,3)
FP2	R	0-*		G						
BO4	R	0-*		G						
BO3	R	0-*		G						
MVR	R	0-*		G						
BP8	R	V001	G							
N0339	D			O						text(9)
N0046	D			1						text(30)
N0045	D			1						text(8)
PR1	R	0-*		G						
NRD	R	0-*		G						
SR9	R	0-*		G						
PAS	R	0-*		G						
BP8	R	V002	G							
N0339	D			O						text(9)
N0046	D			1						text(30)
N0045	D			1						text(8)
PR1	R	0-*		G						
NRD	R	0-*		G						
SR9	R	0-*		G						

PAS	R	0-*		G						
BP8	R	V003	G							
N0339	D			O						text(9)
N0046	D			1						text(30)
N0045	D			1						text(8)
PR1	R	0-*		G						
SR9	R	0-*		G						
PAS	R	0-*		G						
BP9	R	V001	G							
N0339	D			O						text(9)
N0185	D			1						char
N0039	D			1						text(10)
N0322	D			1						text(2)
N0081	D			1						date
N0083	D			O						date
BPA	R	V001	G							
N0019	D			1						text(30)
N0018	D			1						text(8)
AR1	R	0-*		G						
BPD	R	V006	G							
N0034	D			1						text(11)
N0122	D			1						decimal(10,2)
N0037	D			1						decimal(10,2)
N0174	D			1						decimal(10,3)
N0164	D			1						decimal(10,3)
N0175	D			1						decimal(10,3)
N0173	D			1						decimal(10,3)
N0035	D			1						decimal(10,3)
N0166	D			1						decimal(10,3)
N0167	D			1						decimal(10,3)
N0233	D			1						decimal(8,7)
N0234	D			1						decimal(8,7)
N0232	D			1						text(30)
N0231	D			1						decimal(10,3)
N0421	D			1						decimal(10,3)
FPN	R	0-*		G						
BOD	R	0-*		G						
BOA	R	0-*		G						
MVR	R	0-*		G						
BPD	R	V007	G							
N0034	D			1						text(11)
N0122	D			1						decimal(10,2)
N0037	D			1						decimal(10,2)
N0174	D			1						decimal(10,3)
N0164	D			1						decimal(10,3)
N0175	D			1						decimal(10,3)
N0173	D			1						decimal(10,3)
N0035	D			1						decimal(10,3)
N0166	D			1						decimal(10,3)
N0167	D			1						decimal(10,3)
N0233	D			1						decimal(8,7)

N0234	D			1						decimal(8,7)
N0232	D			1						text(30)
N0231	D			1						decimal(10,3)
N0421	D			1						decimal(10,3)
FPN	R	0-*		G						
BOD	R	0-*		G						
BOA	R	0-*		G						
MVR	R	0-*		G						
BPD	R	V008	G							
N0034	D			1						text(11)
N0122	D			1						decimal(10,2)
N0037	D			1						decimal(10,2)
N0174	D			1						decimal(10,3)
N0164	D			1						decimal(10,3)
N0175	D			1						decimal(10,3)
N0173	D			1						decimal(10,3)
N0035	D			1						decimal(10,3)
N0166	D			1						decimal(10,3)
N0167	D			1						decimal(10,3)
N0233	D			1						decimal(8,7)
N0234	D			1						decimal(8,7)
N0232	D			1						text(30)
N0231	D			1						decimal(10,3)
N0421	D			1						decimal(10,3)
FPN	R	0-*		G						
BOD	R	0-*		G						
BOA	R	0-*		G						
MVR	R	0-*		G						
BPH	R	V006	G							
N0200	D			1						date
N0202	D			1						text(2)
N0304	D			1						integer(2)
N0385	D			1						integer(2)
N0383	D			1						date
N0384	D			1						integer(2)
N0211	D			1						integer(7)
N0045	D			1						text(8)
APC	R	1		G						
SP7	R	46-50		G						
BPH	R	V007	G							
N0200	D			1						date
N0202	D			1						text(2)
N0304	D			1						integer(2)
N0385	D			1						integer(2)
N0383	D			1						date
N0384	D			1						integer(2)
N0211	D			1						integer(7)
N0045	D			1						text(8)
APC	R	1		G						
SP7	R	46-50		G						
BPH	R	V008	G							
N0200	D			1						date

N0202	D			1						text(2)
N0304	D			1						integer(2)
N0385	D			1						integer(2)
N0383	D			1						date
N0384	D			1						integer(2)
N0211	D			1						integer(7)
N0045	D			1						text(8)
APC	R	1		G						
SP7	R	46-50		G						
BPI	R	V006	G							
N0034	D			1						text(11)
N0232	D			O						text(30)
N0174	D			1						decimal(10,3)
N0035	D			1						decimal(10,3)
N0234	D			1						decimal(8,7)
N0421	D			1						decimal(10,3)
MEL	R	0-*		G						
MIL	R	0-*		G						
BPI	R	V007	G							
N0034	D			1						text(11)
N0232	D			O						text(30)
N0174	D			1						decimal(10,3)
N0035	D			1						decimal(10,3)
N0234	D			1						decimal(8,7)
N0421	D			1						decimal(10,3)
MEL	R	0-*		G						
MIL	R	0-*		G						
BPI	R	V008	G							
N0034	D			1						text(11)
N0232	D			O						text(30)
N0174	D			1						decimal(10,3)
N0035	D			1						decimal(10,3)
N0234	D			1						decimal(8,7)
N0421	D			1						decimal(10,3)
MEL	R	0-*		G						
MIL	R	0-*		G						
BPV	R	V001	G							
N0201	D			1						integer(2)
N0139	D			O						decimal(10,3)
BPY	R	V006	G							
N0045	D			1						text(8)
APC	R	1		G						
BPY	R	V007	G							
N0045	D			1						text(8)
APC	R	1		G						
BPY	R	V008	G							
N0045	D			1						text(8)
APC	R	1		G						

BR2	R	V001	G							
N0005	D			1						text(255)
N0159	D			1						text(30)
N0160	D			1						text(8)
BR2	R	V002	G							
N0005	D			1						text(255)
N0159	D			1						text(30)
N0160	D			1						text(8)
BR3	R	V002	G							
N0339	D			O						text(9)
N0034	D			1						text(11)
N0038	D			O						char
N0127	D			O						text(8)
N0150	D			O						text(9)
N0036	D			1						text(30)
N0116	D			O						text(2)
N0117	D			O						text(30)
N0232	D			O						text(30)
N0115	D			O						decimal(13,3)
N0064	D			O						decimal(13,3)
N0471	D			O						decimal(11,7)
N0033	D			O						decimal(13,3)
N0032	D			O						decimal(13,3)
N0177	D			O						char
N0472	D			O						char
N0470	D			O						boolean
N0469	D			O						boolean
N0233	D			O						decimal(8,7)
N0110	D			O						boolean
N0098	D			O						text(10)
N0081	D			1						date
N0083	D			O						date
BR3	R	V003	G							
N0339	D			O						text(9)
N0034	D			1						text(11)
N0038	D			O						char
N0127	D			O						text(8)
N0150	D			O						text(9)
N0036	D			1						text(30)
N0116	D			O						text(2)
N0117	D			O						text(30)
N0232	D			O						text(30)
N0115	D			O						decimal(13,3)
N0064	D			O						decimal(13,3)
N0471	D			O						decimal(11,7)
N0033	D			O						decimal(13,3)
N0032	D			O						decimal(13,3)
N0177	D			O						char
N0472	D			O						char
N0470	D			O						boolean
N0469	D			O						boolean
N0233	D			O						decimal(8,7)
N0110	D			O						boolean

N0511	D			O						boolean
N0512	D			O						boolean
N0098	D			O						text(10)
N0081	D			1						date
N0083	D			O						date
BR3	R	V004	G							
N0339	D			O						text(9)
N0034	D			1						text(11)
N0038	D			O						char
N0127	D			O						text(8)
N0150	D			O						text(9)
N0036	D			1						text(30)
N0116	D			O						text(2)
N0117	D			O						text(30)
N0232	D			O						text(30)
N0115	D			O						decimal(13,3)
N0064	D			O						decimal(13,3)
N0471	D			O						decimal(11,7)
N0555	D			O						decimal(11,7)
N0033	D			O						decimal(13,3)
N0032	D			O						decimal(13,3)
N0177	D			O						char
N0472	D			O						char
N0470	D			O						boolean
N0469	D			O						boolean
N0233	D			O						decimal(8,7)
N0110	D			O						boolean
N0511	D			O						boolean
N0512	D			O						boolean
N0098	D			O						text(10)
N0081	D			1						date
N0083	D			O						date
BR3	R	V005	G							
N0339	D			O						text(9)
N0034	D			1						text(11)
N0038	D			O						char
N0127	D			O						text(8)
N0150	D			O						text(9)
N0036	D			1						text(30)
N0116	D			O						text(2)
N0117	D			O						text(30)
N0232	D			O						text(30)
N0115	D			O						decimal(13,3)
N0064	D			O						decimal(13,3)
N0577	D			O						decimal(11,7)
N0580	D			O						decimal(11,7)
N0555	D			O						decimal(11,7)
N0576	D			O						decimal(8,3)
N0579	D			O						decimal(8,3)
N0575	D			O						decimal(8,3)
N0578	D			O						decimal(8,3)
N0177	D			O						char
N0472	D			O						char
N0470	D			O						boolean

N0469	D			O						boolean
N0233	D			O						decimal(8,7)
N0110	D			O						boolean
N0511	D			O						boolean
N0512	D			O						boolean
N0098	D			O						text(10)
N0081	D			1						date
N0083	D			O						date
BS2	R	V001	G							
N0005	D			1						text(255)
N0022	D			1						text(30)
N0023	D			1						text(8)
N0019	D			1						text(30)
N0018	D			O						text(8)
SR5	R	0-*		G						
BS3	R	V001	G							
N0339	D			O						text(9)
N0019	D			1						text(30)
N0018	D			1						text(8)
RD1	R	0-*		G						
BSA	R	V001	G							
N0019	D			1						text(30)
N0018	D			1						text(8)
SRD	R	0-*		G						
BU1	R	V001	G							
N0036	D			1						text(30)
N0034	D			O						text(11)
N0038	D			O						char
N0150	D			O						text(9)
N0238	D			O						char
N0149	D			O						text(12)
N0116	D			O						text(2)
N0115	D			O						decimal(13,3)
N0064	D			O						decimal(13,3)
N0177	D			O						char
N0110	D			O						boolean
N0098	D			O						text(10)
N0081	D			1						date
N0083	D			O						date
BU1	R	V002	G							
N0036	D			1						text(30)
N0034	D			O						text(11)
N0038	D			O						char
N0150	D			O						text(9)
N0238	D			O						char
N0149	D			O						text(12)
N0116	D			O						text(2)
N0115	D			O						decimal(13,3)
N0064	D			O						decimal(13,3)
N0177	D			O						char
N0469	D			O						boolean

N0110	D			O						boolean
N0098	D			O						text(10)
N0081	D			1						date
N0083	D			O						date
BU2	R	V001	G							
N0034	D			1						text(11)
N0081	D			1						date
N0083	D			O						date
BU3	R	V002	G							
N0339	D			O						text(9)
N0185	D			1						char
N0036	D			1						text(30)
N0034	D			1						text(11)
N0038	D			O						char
N0150	D			O						text(9)
N0238	D			O						char
N0149	D			O						text(12)
N0116	D			O						text(2)
N0115	D			O						decimal(13,3)
N0064	D			O						decimal(13,3)
N0233	D			O						decimal(8,7)
N0471	D			O						decimal(11,7)
N0033	D			O						decimal(13,3)
N0032	D			O						decimal(13,3)
N0177	D			O						char
N0472	D			O						char
N0470	D			O						boolean
N0469	D			O						boolean
N0110	D			O						boolean
N0098	D			O						text(10)
N0081	D			1						date
N0083	D			O						date
BU3	R	V003	G							
N0339	D			O						text(9)
N0185	D			1						char
N0036	D			1						text(30)
N0034	D			1						text(11)
N0038	D			O						char
N0150	D			O						text(9)
N0238	D			O						char
N0149	D			O						text(12)
N0116	D			O						text(2)
N0115	D			O						decimal(13,3)
N0064	D			O						decimal(13,3)
N0233	D			O						decimal(8,7)
N0471	D			O						decimal(11,7)
N0033	D			O						decimal(13,3)
N0032	D			O						decimal(13,3)
N0177	D			O						char
N0472	D			O						char
N0470	D			O						boolean

N0511	D			O						boolean
N0512	D			O						boolean
N0469	D			O						boolean
N0110	D			O						boolean
N0098	D			O						text(10)
N0081	D			1						date
N0083	D			O						date
BU3	R	V004	G							
N0339	D			O						text(9)
N0185	D			1						char
N0036	D			1						text(30)
N0034	D			1						text(11)
N0038	D			O						char
N0150	D			O						text(9)
N0238	D			O						char
N0149	D			O						text(12)
N0116	D			O						text(2)
N0115	D			O						decimal(13,3)
N0064	D			O						decimal(13,3)
N0233	D			O						decimal(8,7)
N0471	D			O						decimal(11,7)
N0555	D			O						decimal(11,7)
N0033	D			O						decimal(13,3)
N0032	D			O						decimal(13,3)
N0177	D			O						char
N0472	D			O						char
N0470	D			O						boolean
N0511	D			O						boolean
N0512	D			O						boolean
N0469	D			O						boolean
N0110	D			O						boolean
N0098	D			O						text(10)
N0081	D			1						date
N0083	D			O						date
BU3	R	V005	G							
N0339	D			O						text(9)
N0185	D			1						char
N0036	D			1						text(30)
N0034	D			1						text(11)
N0038	D			O						char
N0150	D			O						text(9)
N0238	D			O						char
N0149	D			O						text(12)
N0116	D			O						text(2)
N0115	D			O						decimal(13,3)
N0064	D			O						decimal(13,3)
N0233	D			O						decimal(8,7)
N0577	D			O						decimal(11,7)
N0580	D			O						decimal(11,7)
N0555	D			O						decimal(11,7)
N0576	D			O						decimal(8,3)
N0579	D			O						decimal(8,3)
N0575	D			O						decimal(8,3)
N0578	D			O						decimal(8,3)

N0177	D			O						char
N0472	D			O						char
N0470	D			O						boolean
N0511	D			O						boolean
N0512	D			O						boolean
N0469	D			O						boolean
N0110	D			O						boolean
N0098	D			O						text(10)
N0081	D			1						date
N0083	D			O						date
BU4	R	V001	G							
N0034	D			1						text(11)
N0036	D			1						text(30)
N0150	D			O						text(9)
BU5	R	V001	G							
N0339	D			O						text(9)
N0034	D			1						text(11)
N0081	D			1						date
N0083	D			O						date
BU9	R	V001	G							
N0339	D			O						text(9)
N0034	D			1						text(11)
N0081	D			1						date
N0083	D			O						date
BU9	R	V002	G							
N0339	D			O						text(9)
N0034	D			1						text(11)
N0081	D			1						date
N0083	D			O						date
BU9	R	V003	G							
N0339	D			O						text(9)
N0034	D			1						text(11)
N0081	D			1						date
N0083	D			O						date
BUC	R	V001	G							
N0034	D			1						text(11)
N0200	D			1						date
BPV	R	46-50		G						
BUD	R	V001	G							
N0034	D			1						text(11)
BUP	R	46-50		G						
BUI	R	V006	G							
N0034	D			1						text(11)
N0232	D			O						text(30)
N0174	D			1						decimal(10,3)
N0035	D			1						decimal(10,3)
N0234	D			1						decimal(8,7)
N0421	D			1						decimal(10,3)

BBO	R	0-*		G						
MEL	R	0-*		G						
MIL	R	0-*		G						
BUI	R	V007	G							
N0034	D			1						text(11)
N0232	D			O						text(30)
N0174	D			1						decimal(10,3)
N0035	D			1						decimal(10,3)
N0234	D			1						decimal(8,7)
N0421	D			1						decimal(10,3)
BBO	R	0-*		G						
MEL	R	0-*		G						
MIL	R	0-*		G						
BUI	R	V008	G							
N0034	D			1						text(11)
N0232	D			O						text(30)
N0174	D			1						decimal(10,3)
N0035	D			1						decimal(10,3)
N0234	D			1						decimal(8,7)
N0421	D			1						decimal(10,3)
BBO	R	0-*		G						
MEL	R	0-*		G						
MIL	R	0-*		G						
BUP	R	V001	G							
N0201	D			1						integer(2)
N0088	D			1						decimal (10,3)
BUR	R	V001	G							
N0339	D			O						text(9)
N0036	D			1						text(30)
N0034	D			1						text(11)
N0038	D			O						char
N0127	D			O						text(8)
N0150	D			O						text(9)
N0115	D			O						decimal(13,3)
N0064	D			O						decimal(13,3)
N0177	D			O						char
N0233	D			O						decimal(8,7)
N0060	D			O						decimal(7,3)
N0059	D			O						decimal(7,3)
N0081	D			1						date
N0083	D			O						date
N0110	D			O						boolean
N0116	D			O						text(2)
N0117	D			O						text(30)
N0098	D			O						text(10)
BUR	R	V002	G							
N0339	D			O						text(9)
N0036	D			1						text(30)
N0034	D			1						text(11)
N0038	D			O						char
N0127	D			O						text(8)

N0150	D			O						text(9)
N0115	D			O						decimal(13,3)
N0064	D			O						decimal(13,3)
N0177	D			O						char
N0233	D			O						decimal(8,7)
N0060	D			O						decimal(7,3)
N0059	D			O						decimal(7,3)
N0081	D			1						date
N0083	D			O						date
N0110	D			O						boolean
N0512	D			O						boolean
N0513	D			O						boolean
N0116	D			O						text(2)
N0117	D			O						text(30)
N0098	D			O						text(10)
BUR	R	V003	G							
N0339	D			O						text(9)
N0036	D			1						text(30)
N0034	D			1						text(11)
N0038	D			O						char
N0127	D			O						text(8)
N0150	D			O						text(9)
N0115	D			O						decimal(13,3)
N0064	D			O						decimal(13,3)
N0177	D			O						char
N0233	D			O						decimal(8,7)
N0582	D			O						decimal(7,3)
N0584	D			O						decimal(7,3)
N0581	D			O						decimal(7,3)
N0583	D			O						decimal(7,3)
N0081	D			1						date
N0083	D			O						date
N0110	D			O						boolean
N0512	D			O						boolean
N0513	D			O						boolean
N0116	D			O						text(2)
N0117	D			O						text(30)
N0098	D			O						text(10)
BUV	R	V001	G							
N0034	D			1						text(11)
N0200	D			1						date
N0201	D			1						integer(2)
N0139	D			1						decimal(10,3)
BYD	R	V001	G							
N0039	D			1						text(10)
CAE	R	V001	G							
N0034	D			1						text(11)
N0032	D			O						decimal(13,3)
N0033	D			O						decimal(13,3)
N0081	D			1						date

N0083	D			O						date
CAE	R	V002	G							
N0034	D			1						text(11)
N0575	D			O						decimal(8,3)
N0578	D			O						decimal(8,3)
N0576	D			O						decimal(8,3)
N0579	D			O						decimal(8,3)
N0081	D			1						date
N0083	D			O						date
CAT	R	V003	G							
N0495	D			1						decimal(10,3)
N0496	D			1						decimal(10,3)
CAT	R	V004	G							
N0495	D			1						decimal(10,3)
N0496	D			1						decimal(10,3)
CD2	R	V001	G							
N0201	D			1						integer(2)
N0085	D			O						decimal(10,3)
CD9	R	V001	G							
N0201	D			1						integer(2)
N0085	D			1						decimal(10,3)
CD9	R	V002	G							
N0201	D			1						integer(2)
N0085	D			1						decimal(10,3)
CDN	R	V001	G							
N0045	D			1						text(8)
N0441	D			1						integer(1)
N0442	D			1						date
N0443	D			1						integer(2)
N0444	D			O						date
N0445	D			O						integer(2)
N0446	D			O						text(128)
CDR	R	V001	G							
N0200	D			1						date
N0202	D			1						text(2)
PTY	R	1-*		G						
CED	R	V001	G							
N0057	D			1						text(32)
N0081	D			1						date
CHG	R	V001	G							
N0054	D			1						char
N0053	D			1						decimal(10,2)
CL9	R	V003	G							
N0045	D			1						text(8)
N0046	D			1						text(30)

CL9	R	V004	G							
N0045	D			1						text(8)
N0046	D			1						text(30)
CLD	R	V001	G							
N0082	D			1						date
N0196	D			1						decimal(13,3)
CM1	R	V001	G							
N0116	D			O						text(2)
N0462	D			1						integer(7)
N0463	D			1						decimal(4,1)
N0464	D			1						integer(7)
CM2	R	V001	G							
N0116	D			O						text(2)
N0465	D			1						integer(7)
N0466	D			1						integer(7)
N0467	D			1						decimal(4,1)
N0468	D			1						decimal(4,1)
CN1	R	V001	G							
N0052	D			1						integer(2)
N0138	D			1						text(10)
N0134	D			1						text(2)
RM9	R	46-50		G						
CN9	R	V001	G							
N0052	D			1						integer(2)
N0134	D			1						text(2)
N0133	D			1						char
RMP	R	46-50		G						
CND	R	V001	G							
N0052	D			1						integer(2)
N0134	D			1						text(2)
N0133	D			1						char
SPE	R	1-50		G						
CP2	R	V001	G							
N0068	D			1						text(8)
N0069	D			1						text(30)
N0071	D			1						char
N0072	D			1						text(8)
N0073	D			1						text(30)
N0075	D			1						char
EAA	R	1-*		G						
CP2	R	V002	G							
N0068	D			1						text(8)
N0069	D			1						text(30)
N0071	D			1						char
N0072	D			1						text(8)
N0073	D			1						text(30)
N0075	D			1						char

EAA	R	1-*		G						
CPD	R	V001	G							
N0068	D			1						text(8)
N0069	D			1						text(30)
N0071	D			1						char
N0072	D			1						text(8)
N0073	D			1						text(30)
N0075	D			1						char
CPD	R	V002	G							
N0068	D			1						text(8)
N0069	D			1						text(30)
N0071	D			1						char
N0072	D			1						text(8)
N0073	D			1						text(30)
N0075	D			1						char
CPD	R	V003	G							
N0068	D			1						text(8)
N0069	D			1						text(30)
N0071	D			1						char
N0072	D			1						text(8)
N0073	D			1						text(30)
N0075	D			1						char
CPD	R	V004	G							
N0068	D			1						text(8)
N0069	D			1						text(30)
N0071	D			1						char
N0072	D			1						text(8)
N0073	D			1						text(30)
N0075	D			1						char
DB1	R	V007	G							
N0533	D			1						integer(4)
N0534	D			O						decimal(10,2)
N0535	D			1						decimal(10,3)
N0536	D			1						decimal(10,3)
N0537	D			1						decimal(10,3)
N0538	D			1						decimal(10,3)
N0539	D			1						boolean
DB1	R	V008	G							
N0533	D			1						integer(4)
N0534	D			O						decimal(10,2)
N0535	D			1						decimal(10,3)
N0536	D			1						decimal(10,3)
N0537	D			1						decimal(10,3)
N0538	D			1						decimal(10,3)
N0539	D			1						boolean
N0563	D			O						boolean
N0566	D			O						boolean
DB2	R	V007	G							
N0533	D			1						integer(4)

N0534	D			O						decimal(10,2)
N0535	D			1						decimal(10,3)
N0536	D			1						decimal(10,3)
N0537	D			1						decimal(10,3)
N0538	D			1						decimal(10,3)
N0539	D			1						boolean
DB2	R	V008	G							
N0533	D			1						integer(4)
N0534	D			O						decimal(10,2)
N0535	D			1						decimal(10,3)
N0536	D			1						decimal(10,3)
N0537	D			1						decimal(10,3)
N0538	D			1						decimal(10,3)
N0539	D			1						boolean
N0563	D			O						boolean
N0566	D			O						boolean
DCI	R	V001	G							
N0567	D			O						varchar2(10)
N0568	D			1						varchar2(5)
N0569	D			1						integer(2)
N0570	D			1						char
N0571	D			1						datetime
N0572	D			O						datetime
N0382	D			1						number(13,3)
N0549	D			1						varchar2(5)
N0550	D			1						varchar2(5)
DOL	R	V001	G							
N0155	D			1						text(20)
N0138	D			1						text(10)
N0399	D			1						text(2)
N0052	D			1						integer(2)
N0398	D			1						text(10)
N0134	D			1						text(2)
N0403	D			1						decimal(10,3)
N0404	D			1						decimal(10,3)
DOP	R	0-*		G						
DOP	R	V001	G							
N0201	D			1						integer(2)
N0139	D			1						decimal(10,3)
DSI	R	V003	G							
N0447	D			1						decimal(10,3)
N0448	D			1						decimal(10,3)
AED	R	0-*		G						
DSI	R	V004	G							
N0447	D			1						decimal(10,3)
N0510	D			1						decimal(10,3)
N0448	D			1						decimal(10,3)
AED	R	0-*		G						
MEI	R	0-*		G						

EAA	R	V001	G							
N0078	D			1						text(8)
N0079	D			1						text(30)
N0081	D			1						date
N0083	D			O						date
N0080	D			1						text(10)
EAA	R	V002	G							
N0078	D			1						text(8)
N0079	D			1						text(30)
N0081	D			1						date
N0083	D			O						date
N0080	D			1						text(10)
EOD	R	0-1		G						
EAC	R	V002	G							
N0177	D			1						char
OED	R	0-*		G						
OMD	R	0-*		G						
EAD	R	V001	G							
N0080	D			1						text(10)
N0297	D			O						text(10)
N0081	D			O						date
EAD	R	V002	G							
N0080	D			1						text(10)
N0297	D			O						text(10)
N0081	D			O						date
EAD	R	V003	G							
N0080	D			1						text(10)
N0297	D			O						text(10)
N0081	D			O						date
EAH	R	V001	G							
N0191	D			1						date
N0188	D			1						date
EAH	R	V002	G							
N0191	D			1						date
N0188	D			1						date
EAR	R	V001	G							
N0078	D			1						text(8)
N0079	D			1						text(30)
N0080	D			O						text(10)
N0081	D			1						date
N0083	D			O						date
EAR	R	V002	G							
N0078	D			1						text(8)
N0079	D			1						text(30)
N0080	D			O						text(10)

N0477	D			O						boolean
N0081	D			O						date
N0083	D			O						date
EAR	R	V003	G							
N0078	D			1						text(8)
N0079	D			1						text(30)
N0478	D			O						text(8)
N0479	D			O						text(30)
N0080	D			O						text(10)
N0477	D			O						boolean
N0480	D			O						text(1)
N0081	D			O						date
N0083	D			O						date
EAR	R	V004	G							
N0574	D			1						boolean
N0078	D			1						text(8)
N0079	D			1						text(30)
N0478	D			O						text(8)
N0479	D			O						text(30)
N0080	D			O						text(10)
N0477	D			O						boolean
N0480	D			O						text(1)
N0081	D			O						date
N0083	D			O						date
N0565	D			1						char
N0573	D			1						datetime
ECD	R	V002	G							
N0310	D			1						text(10)
N0077	D			1						text(10)
EDD	R	1-*		G						
ECN	R	V003	G							
N0310	D			1						text(10)
N0077	D			1						text(10)
N0085	D			1						decimal(10,3)
N0078	D			1						text(8)
N0080	D			1						text(10)
N0068	D			1						text(8)
N0069	D			1						text(30)
N0070	D			1						char
N0072	D			1						text(8)
N0073	D			1						text(30)
N0074	D			1						char
ECN	R	V004	G							
N0310	D			1						text(10)
N0077	D			1						text(10)
N0085	D			1						decimal(10,3)
N0078	D			1						text(8)
N0080	D			1						text(10)
N0068	D			1						text(8)
N0069	D			1						text(30)
N0070	D			1						char

N0072	D			1						text(8)
N0073	D			1						text(30)
N0074	D			1						char
ECP	R	V002	G							
N0361	D			1						integer(2)
N0362	D			O						integer(2)
N0085	D			1						decimal(10,3)
EDA	R	V001	G							
N0078	D			1						text(8)
N0080	D			1						text(10)
N0310	D			1						text(10)
N0077	D			1						text(10)
N0081	D			1						date
N0083	D			O						date
N0370	D			1						integer(2)
N0301	D			1						text(14)
N0198	D			1						integer(9)
N0369	D			1						integer(12)
CD9	R	0-*		G						
EDA	R	V002	G							
N0078	D			1						text(8)
N0080	D			O						text(10)
N0310	D			1						text(10)
N0077	D			1						text(10)
N0081	D			1						date
N0083	D			O						date
N0370	D			1						integer(2)
N0301	D			1						text(14)
N0198	D			1						integer(9)
N0369	D			1						integer(12)
CD9	R	0-*		G						
MER	R	0-*		G						
EDD	R	V002	G							
N0359	D			1						date
N0360	D			O						date
N0078	D			O						text(8)
N0080	D			O						text(10)
N0357	D			O						date
N0358	D			O						date
ECP	R	1-*		G						
EDN	R	V001	G							
N0080	D			1						text(10)
N0297	D			1						text(10)
N0310	D			1						text(10)
N0077	D			1						text(10)
N0081	D			1						date
N0083	D			O						date
OTD	R	0-1		G						
CD9	R	0-*		G						
EDX	R	V001	G							

N0078	D			1						text(8)
N0080	D			1						text(10)
N0310	D			1						text(10)
N0077	D			1						text(10)
N0081	D			1						date
N0083	D			O						date
N0187	D			1						text(80)
CD2	R	0-*		G						
EI9	R	V001	G							
N0339	D			O						text(9)
N0098	D			1						text(10)
IE9	R	0-*		G						
EIC	R	V001	G							
N0098	D			1						text(10)
IE2	R	0-*		G						
EID	R	V001	G							
N0339	D			O						text(9)
N0185	D			1						char
N0099	D			1						text(30)
N0007	D			O						text(80)
N0098	D			O						text(10)
N0081	D			1						date
N0083	D			O						date
EMP	R	V002	G							
N0201	D			1						integer(2)
N0090	D			1						boolean
N0139	D			1						decimal(10,3)
N0121	D			1						char
EOD	R	V002	G							
N0478	D			1						text(8)
N0479	D			1						text(30)
N0480	D			1						text(1)
EPD	R	V002	G							
N0098	D			1						text(10)
EMP	R	46-50		G						
ER2	R	V001	G							
N0078	D			1						text(8)
N0079	D			1						text(30)
N0081	D			1						date
N0083	D			O						date
ER2	R	V002	G							
N0078	D			1						text(8)
N0079	D			1						text(30)
N0081	D			1						date
N0083	D			O						date
ER2	R	V003	G							
N0078	D			1						text(8)

N0079	D			1						text(30)
N0081	D			1						date
N0083	D			O						date
N0565	D			1						char
EVD	R	V002	G							
N0478	D			1						text(8)
N0479	D			1						text(30)
N0480	D			1						text(1)
EVD	R	V003	G							
N0478	D			1						text(8)
N0479	D			1						text(30)
N0480	D			1						text(1)
EXC	R	V001	G							
N0094	D			1						char
N0093	D			1						text(255)
EXH	R	V001	G							
N0102	D			1						text(8)
N0058	D			1						datetime
N0114	D			1						text(2)
N0113	D			1						text(8)
N0223	D			1						text(2)
N0222	D			1						text(8)
N0198	D			1						integer(9)
N0219	D			1						text(4)
FCC	R	V001	G							
N0200	D			1						date
N0042	D			1						decimal(10,2)
FCH	R	V002	G							
N0191	D			1						date
N0188	D			1						date
N0368	D			1						datetime
N0369	D			1						integer(12)
N0373	D			1						integer(2)
EAC	R	1-2		G						
FP2	R	V006	G							
N0220	D			1						integer(2)
N0111	D			O						decimal(10,3)
N0221	D			1						integer(2)
N0112	D			O						decimal(10,3)
FP2	R	V007	G							
N0220	D			1						integer(2)
N0111	D			O						decimal(10,3)
N0221	D			1						integer(2)
N0112	D			O						decimal(10,3)
FP2	R	V008	G							
N0220	D			1						integer(2)
N0111	D			O						decimal(10,3)

N0221	D			1						integer(2)
N0112	D			O						decimal(10,3)
FPN	R	V006	G							
N0220	D			1						integer(2)
N0111	D			1						decimal(10,3)
N0221	D			1						integer(2)
N0112	D			1						decimal(10,3)
FPN	R	V007	G							
N0220	D			1						integer(2)
N0111	D			1						decimal(10,3)
N0221	D			1						integer(2)
N0112	D			1						decimal(10,3)
FPN	R	V008	G							
N0220	D			1						integer(2)
N0111	D			1						decimal(10,3)
N0221	D			1						integer(2)
N0112	D			1						decimal(10,3)
GG2	R	V002	G							
N0116	D			1						text(2)
N0200	D			1						date
N0202	D			1						text(2)
N0049	D			1						integer(2)
N0021	D			1						date
GSP	R	1-*		G						
GG3	R	V001	G							
N0116	D			O						text(2)
N0117	D			1						text(30)
N0081	D			1						date
N0083	D			O						date
GG4	R	V001	G							
N0116	D			1						text(2)
N0117	D			1						text(30)
GGD	R	V001	G							
N0339	D			O						text(9)
N0185	D			1						char
N0116	D			O						text(2)
N0117	D			1						text(30)
N0081	D			1						date
N0083	D			O						date
GGR	R	V001	G							
N0339	D			O						text(9)
N0116	D			1						text(2)
N0117	D			1						text(30)
N0066	D			1						text(8)
N0081	D			1						date
N0083	D			O						date
GGR	R	V002	G							

N0339	D			O						text(9)
N0116	D			1						text(2)
N0117	D			1						text(30)
N0066	D			1						text(8)
N0081	D			1						date
N0083	D			O						date
GGR	R	V003	G							
N0339	D			O						text(9)
N0116	D			1						text(2)
N0117	D			1						text(30)
N0066	D			1						text(8)
N0081	D			1						date
N0083	D			O						date
GMP	R	V002	G							
N0201	D			1						integer(2)
N0090	D			1						boolean
N0139	D			1						decimal(10,3)
N0121	D			1						char
GP2	R	V001	G							
N0119	D			1						text(10)
N0081	D			1						date
N0083	D			O						date
GP3	R	V001	G							
N0119	D			1						text(10)
GP9	R	V002	G							
N0119	D			1						text(10)
GMP	R	46-50		G						
GPD	R	V001	G							
N0339	D			O						text(9)
N0185	D			1						char
N0119	D			1						text(10)
N0081	D			1						date
N0083	D			O						date
GPV	R	V001	G							
N0119	D			1						text(10)
N0200	D			1						date
N0201	D			1						integer(2)
N0139	D			1						decimal(10,3)
GRH	R	V001	G							
N0005	D			1						text(255)
N0159	D			1						text(30)
N0160	D			1						text(8)
GS2	R	V001	G							
N0201	D			1						integer(2)
N0108	D			1						decimal(15,3)
N0118	D			1						decimal(14,4)

GS6	R	V001	G							
N0116	D			1						text(2)
SU4	R	1-*		G						
GS7	R	V001	G							
N0116	D			1						text(2)
SUP	R	1-*		G						
GS8	R	V001	G							
N0116	D			1						text(2)
SU2	R	1-*		G						
GS9	R	V001	G							
N0116	D			1						text(2)
SU3	R	1-*		G						
GSP	R	V002	G							
N0119	D			1						text(10)
SPV	R	46-50		G						
HCF	R	V001	G							
N0102	D			1						text(8)
N0058	D			1						datetime
N0114	D			1						text(2)
N0113	D			1						text(8)
N0223	D			1						text(2)
N0222	D			1						text(8)
N0198	D			1						integer(9)
N0219	D			1						text(4)
HD2	R	V001	G							
N0204	D			1						date
N0049	D			1						integer(2)
N0050	D			1						date
HDR	R	V001	G							
N0105	D			1						integer(2)
N0106	D			1						text(1)
N0107	D			1						decimal(15,3)
GS2	R	46-50		G						
HNF	R	V001	G							
N0329	D			1						text(255)
IA2	R	V001	G							
N0005	D			1						text(255)
N0159	D			O						text(30)
N0160	D			O						text(8)
N0095	D			1						text(8)
EIC	R	0-*		G						
IAD	R	V001	G							
N0339	D			O						text(9)
N0185	D			1						char
N0095	D			1						text(8)
EI9	R	0-*		G						

IBV	R	V001	G							
N0180	D			1						integer(4)
N0045	D			1						text(8)
N0120	D			1						decimal(10,3)
ICD	R	V001	G							
N0099	D			1						text(30)
N0007	D			O						text(80)
N0098	D			1						text(10)
N0081	D			1						date
N0083	D			O						date
ICV	R	V001	G							
N0098	D			1						text(10)
N0200	D			1						date
N0201	D			1						integer(2)
N0139	D			1						decimal(10,3)
IDD	R	V003	G							
N0061	D			1						decimal(10,3)
N0331	D			1						decimal(10,3)
N0448	D			1						decimal(10,3)
N0451	D			1						decimal(10,3)
N0332	D			1						decimal(8,5)
N0196	D			1						decimal(13,3)
CAT	R	1		G						
ACE	R	2		G						
IDD	R	V004	G							
N0061	D			1						decimal(10,3)
N0331	D			1						decimal(10,3)
N0448	D			1						decimal(10,3)
N0451	D			1						decimal(10,3)
N0332	D			1						decimal(8,5)
N0196	D			1						decimal(13,3)
CAT	R	1		G						
ACE	R	2		G						
IDM	R	V001	G							
N0098	D			1						text(10)
N0200	D			1						date
BUD	R	1-*		G						
IE2	R	V001	G							
N0097	D			1						text(8)
N0081	D			1						date
N0083	D			O						date
IE3	R	V001	G							
N0098	D			1						text(10)
N0081	D			1						date
N0083	D			O						date
IE9	R	V001	G							
N0339	D			O						text(9)

N0097	D			1						text(8)
N0081	D			1						date
N0083	D			O						date
IG2	R	V001	G							
N0298	D			1						text(10)
N0081	D			1						date
N0083	D			O						date
IG3	R	V001	G							
N0298	D			1						text(10)
IGG	R	V001	G							
N0339	D			O						text(9)
N0185	D			1						char
N0298	D			1						text(10)
N0081	D			1						date
N0083	D			O						date
IMP	R	V002	G							
N0201	D			1						integer(2)
N0090	D			1						boolean
N0139	D			1						decimal(10,3)
N0121	D			1						char
IPD	R	V002	G							
N0298	D			1						text(10)
IMP	R	46-50		G						
IRD	R	V001	G							
N0339	D			O						text(9)
N0098	D			1						text(10)
N0095	D			1						text(8)
N0097	D			O						text(8)
N0081	D			1						date
N0083	D			O						date
IRD	R	V002	G							
N0339	D			O						text(9)
N0098	D			1						text(10)
N0095	D			1						text(8)
N0097	D			O						text(8)
N0081	D			1						date
N0083	D			O						date
IRD	R	V003	G							
N0339	D			O						text(9)
N0098	D			1						text(10)
N0095	D			1						text(8)
N0097	D			O						text(8)
N0081	D			1						date
N0083	D			O						date
IRD	R	V004	G							
N0339	D			O						text(9)
N0098	D			1						text(10)

N0095	D			1						text(8)
N0097	D			O						text(8)
N0081	D			1						date
N0083	D			O						date
IRD	R	V005	G							
N0339	D			O						text(9)
N0098	D			1						text(10)
N0095	D			1						text(8)
N0097	D			O						text(8)
N0081	D			1						date
N0083	D			O						date
IUD	R	V001	G							
N0339	D			O						text(9)
N0098	D			1						text(10)
N0081	D			1						date
N0083	D			O						date
JB1	R	V001	G							
N0126	D			O						text(11)
N0081	D			1						date
N0083	D			O						date
JBB	R	1-*		G						
JB1	R	V002	G							
N0126	D			O						text(11)
N0081	D			1						date
N0083	D			O						date
JBB	R	1-*		G						
JB2	R	V002	G							
N0339	D			O						text(9)
N0126	D			1						text(11)
N0081	D			1						date
N0083	D			O						date
JB3	R	0-*		G						
JB2	R	V003	G							
N0339	D			O						text(9)
N0126	D			1						text(11)
N0081	D			1						date
N0083	D			O						date
JB3	R	0-*		G						
JB2	R	V004	G							
N0339	D			O						text(9)
N0126	D			1						text(11)
N0081	D			1						date
N0083	D			O						date
JB3	R	0-*		G						
JB2	R	V005	G							
N0339	D			O						text(9)
N0126	D			1						text(11)
N0081	D			1						date

N0083	D			O						date
JB3	R	0-*		G						
JB3	R	V001	G							
N0339	D			O						text(9)
N0034	D			1						text(11)
JB3	R	V002	G							
N0339	D			O						text(9)
N0034	D			1						text(11)
JB3	R	V003	G							
N0339	D			O						text(9)
N0034	D			1						text(11)
JB3	R	V004	G							
N0339	D			O						text(9)
N0034	D			1						text(11)
JB3	R	V005	G							
N0339	D			O						text(9)
N0034	D			1						text(11)
JBB	R	V001	G							
N0034	D			1						text(11)
JBB	R	V002	G							
N0034	D			1						text(11)
JBU	R	V001	G							
N0339	D			O						text(9)
N0126	D			1						text(11)
N0081	D			1						date
N0083	D			O						date
JB3	R	0-*		G						
JBU	R	V002	G							
N0339	D			O						text(9)
N0126	D			1						text(11)
N0081	D			1						date
N0083	D			O						date
JB3	R	0-*		G						
JBU	R	V003	G							
N0339	D			O						text(9)
N0126	D			1						text(11)
N0081	D			1						date
N0083	D			O						date
JB3	R	0-*		G						
JBU	R	V004	G							
N0339	D			O						text(9)
N0126	D			1						text(11)
N0081	D			1						date
N0083	D			O						date
JB3	R	0-*		G						

JBU	R	V005	G							
N0339	D			O						text(9)
N0126	D			1						text(11)
N0081	D			1						date
N0083	D			O						date
JB3	R	0-*		G						
LLF	R	V001	G							
N0201	D			1						integer(2)
N0132	D			1						decimal(8,7)
LS2	R	V001	G							
N0034	D			1						text(11)
N0127	D			1						text(8)
N0128	D			1						text(30)
N0129	D			1						char
N0208	D			1						text(8)
N0210	D			1						text(30)
N0209	D			1						char
MAA	R	1-*		G						
LS2	R	V002	G							
N0034	D			1						text(11)
N0127	D			1						text(8)
N0128	D			1						text(30)
N0129	D			1						char
N0208	D			1						text(8)
N0210	D			1						text(30)
N0209	D			1						char
MAA	R	1-*		G						
LSD	R	V001	G							
N0034	D			1						text(11)
N0127	D			1						text(8)
N0128	D			1						text(30)
N0129	D			1						char
N0208	D			1						text(8)
N0210	D			1						text(30)
N0209	D			1						char
LSD	R	V002	G							
N0034	D			1						text(11)
N0127	D			1						text(8)
N0128	D			1						text(30)
N0129	D			1						char
N0208	D			1						text(8)
N0210	D			1						text(30)
N0209	D			1						char
LSD	R	V003	G							
N0034	D			1						text(11)
N0127	D			1						text(8)
N0128	D			1						text(30)
N0129	D			1						char

N0208	D			1						text(8)
N0210	D			1						text(30)
N0209	D			1						char
MA9	R	V001	G							
N0145	D			1						text(8)
N0146	D			1						text(30)
N0081	D			1						date
N0083	D			O						date
MA9	R	V002	G							
N0145	D			1						text(8)
N0146	D			1						text(30)
N0081	D			1						date
N0083	D			O						date
MAA	R	V001	G							
N0145	D			1						text(8)
N0146	D			1						text(30)
N0081	D			1						date
N0083	D			O						date
N0147	D			1						text(10)
MAA	R	V002	G							
N0145	D			1						text(8)
N0146	D			1						text(30)
N0081	D			1						date
N0083	D			O						date
N0147	D			1						text(10)
MOD	R	0-1		G						
MAD	R	V001	G							
N0147	D			1						text(10)
N0148	D			O						text(10)
N0081	D			O						date
MAD	R	V002	G							
N0147	D			1						text(10)
N0148	D			O						text(10)
N0081	D			O						date
MAH	R	V001	G							
N0191	D			1						date
N0188	D			1						date
MAH	R	V002	G							
N0191	D			1						date
N0188	D			1						date
MAR	R	V001	G							
N0145	D			1						text(8)
N0146	D			1						text(30)
N0147	D			O						text(10)
N0081	D			1						date

N0083	D			O						date
MAR	R	V002	G							
N0145	D			1						text(8)
N0146	D			1						text(30)
N0147	D			O						text(10)
N0477	D			O						boolean
N0081	D			O						date
N0083	D			O						date
MAR	R	V003	G							
N0145	D			1						text(8)
N0146	D			1						text(30)
N0481	D			O						text(8)
N0482	D			O						text(30)
N0147	D			O						text(10)
N0477	D			O						boolean
N0480	D			O						text(1)
N0081	D			O						date
N0083	D			O						date
MCD	R	V001	G							
N0155	D			1						text(20)
N0138	D			1						text(10)
N0399	D			1						text(2)
N0052	D			1						integer(2)
N0406	D			1						text(20)
N0407	D			1						text(10)
N0408	D			1						text(2)
N0409	D			1						integer(2)
N0398	D			1						text(10)
N0134	D			1						text(2)
N0405	D			1						decimal(10,3)
N0400	D			1						decimal(5,2)
MD1	R	V006	G							
N0423	D			1						text(8)
N0412	D			1						decimal(10,3)
N0413	D			O						decimal(10,2)
N0414	D			O						decimal(10,3)
MD1	R	V007	G							
N0423	D			1						text(8)
N0412	D			1						decimal(10,3)
N0413	D			O						decimal(10,2)
N0414	D			O						decimal(10,3)
MD1	R	V008	G							
N0423	D			1						text(8)
N0412	D			1						decimal(10,3)
N0413	D			O						decimal(10,2)
N0414	D			O						decimal(10,3)
MD2	R	V006	G							
N0423	D			1						text(8)
N0412	D			1						decimal(10,3)

N0413	D			O						decimal(10,2)
N0414	D			O						decimal(10,3)
MD2	R	V007	G							
N0423	D			1						text(8)
N0412	D			1						decimal(10,3)
N0413	D			O						decimal(10,2)
N0414	D			O						decimal(10,3)
MD2	R	V008	G							
N0423	D			1						text(8)
N0412	D			1						decimal(10,3)
N0413	D			O						decimal(10,2)
N0414	D			O						decimal(10,3)
MDD	R	V002	G							
N0366	D			1						date
N0367	D			O						date
N0145	D			O						text(8)
N0147	D			O						text(10)
N0364	D			O						date
N0365	D			O						date
MVP	R	1-*		G						
MDP	R	V002	G							
N0339	D			O						text(9)
N0422	D			1						text(30)
N0423	D			1						text(8)
MED	R	0-*		G						
MDP	R	V003	G							
N0339	D			O						text(9)
N0422	D			1						text(30)
N0423	D			1						text(8)
MED	R	0-*		G						
MEC	R	V002	G							
N0201	D			1						integer(2)
N0484	D			O						decimal(10,3)
N0485	D			O						decimal(10,3)
N0486	D			O						decimal(10,3)
MED	R	V002	G							
N0339	D			O						text(9)
N0424	D			1						date
N0425	D			O						date
MED	R	V003	G							
N0339	D			O						text(9)
N0424	D			1						date
N0425	D			O						date
MEI	R	V004	G							
N0449	D			1						date
N0450	D			1						date

MEL	R	V006	G							
N0220	D			1						integer(2)
N0130	D			O						decimal(10,3)
N0221	D			1						integer(2)
N0131	D			O						decimal(10,3)
MEL	R	V007	G							
N0220	D			1						integer(2)
N0130	D			O						decimal(10,3)
N0221	D			1						integer(2)
N0131	D			O						decimal(10,3)
MEL	R	V008	G							
N0220	D			1						integer(2)
N0130	D			O						decimal(10,3)
N0221	D			1						integer(2)
N0131	D			O						decimal(10,3)
MER	R	V002	G							
N0200	D			1						date
MEC	R	0-50		G						
MID	R	V001	G							
N0423	D			1						text(8)
N0200	D			1						date
MIP	R	1-50		G						
MID	R	V001	G							
N0423	D			1						text(8)
N0200	D			1						date
MIP	R	46-50		G						
MIL	R	V006	G							
N0220	D			1						integer(2)
N0130	D			O						decimal(10,3)
N0221	D			1						integer(2)
N0131	D			O						decimal(10,3)
MIL	R	V007	G							
N0220	D			1						integer(2)
N0130	D			O						decimal(10,3)
N0221	D			1						integer(2)
N0131	D			O						decimal(10,3)
MIL	R	V008	G							
N0220	D			1						integer(2)
N0130	D			O						decimal(10,3)
N0221	D			1						integer(2)
N0131	D			O						decimal(10,3)
MIP	R	V001	G							
N0201	D			1						integer(2)
N0413	D			1						decimal(10,2)
N0414	D			1						decimal(10,3)
N0426	D			1						decimal(10,2)
N0427	D			1						decimal(10,3)

MMR	R	V002	G							
N0200	D			1						date
MMV	R	0-50		G						
MMV	R	V002	G							
N0201	D			1						integer(2)
N0487	D			O						decimal(10,3)
N0488	D			O						decimal(8,5)
N0489	D			O						decimal(10,3)
N0490	D			O						decimal(8,5)
N0491	D			O						decimal(10,3)
N0492	D			O						decimal(8,5)
MOD	R	V002	G							
N0481	D			1						text(8)
N0482	D			1						text(30)
N0480	D			1						text(1)
MPD	R	V002	G							
N0116	D			1						text(2)
N0200	D			1						date
N0202	D			1						text(2)
N0049	D			1						integer(2)
N0062	D			1						date
GP9	R	1-*		G						
EPD	R	0-*		G						
IPD	R	0-*		G						
MRD	R	V002	G							
N0481	D			1						text(8)
N0482	D			1						text(30)
N0480	D			1						text(1)
MRH	R	V001	G							
N0200	D			1						date
N0076	D			1						integer(3)
MS2	R	V001	G							
N0142	D			1						text(13)
N0135	D			O						text(8)
N0081	D			1						date
N0083	D			O						date
MS3	R	V001	G							
N0339	D			O						text(9)
N0185	D			1						char
N0142	D			1						text(13)
N0135	D			O						text(8)
N0081	D			1						date
N0083	D			O						date
MS4	R	V001	G							
N0142	D			1						text(13)
MS9	R	V001	G							

N0200	D			1						date
OS9	R	1-*		G						
MSD	R	V001	G							
N0339	D			O						text(9)
N0142	D			1						text(13)
N0045	D			1						text(8)
N0135	D			1						text(8)
N0081	D			1						date
N0083	D			O						date
MSE	R	V001	G							
N0142	D			1						text(13)
SDE	R	1-*		G						
MSG	R	V001	G							
N0005	D			1						text(255)
N0024	D			1						text(30)
N0162	D			1						text(8)
MSH	R	V001	G							
N0005	D			1						text(255)
N0159	D			1						text(30)
N0160	D			1						text(8)
MSX	R	V001	G							
N0142	D			1						text(13)
N0401	D			1						text(30)
ODF	R	0-*		G						
OSA	R	0-*		G						
MCD	R	0-*		G						
PSD	R	0-*		G						
DOL	R	0-*		G						
MSY	R	V001	G							
N0142	D			1						text(13)
STD	R	1-*		G						
MV2	R	V001	G							
N0201	D			1						integer(2)
N0140	D			1						decimal(10,3)
N0141	D			1						decimal(8,5)
MV2	R	V002	G							
N0201	D			1						integer(2)
N0140	D			1						decimal(10,3)
N0141	D			1						decimal(8,5)
MV8	R	V001	G							
N0201	D			1						integer(2)
N0140	D			1						decimal(10,3)
N0141	D			1						decimal(8,5)
MV9	R	V003	G							
N0311	D			1						text(10)
N0144	D			1						text(10)

N0140	D			1						decimal(10,3)
N0141	D			1						decimal(8,5)
N0145	D			1						text(8)
N0147	D			1						text(10)
N0034	D			1						text(11)
N0127	D			1						text(8)
N0128	D			1						text(30)
N0129	D			1						char
N0208	D			1						text(8)
N0210	D			1						text(30)
N0209	D			1						char
MV9	R	V004	G							
N0311	D			1						text(10)
N0144	D			1						text(10)
N0140	D			1						decimal(10,3)
N0141	D			1						decimal(8,5)
N0145	D			1						text(8)
N0147	D			1						text(10)
N0034	D			1						text(11)
N0127	D			1						text(8)
N0128	D			1						text(30)
N0129	D			1						char
N0208	D			1						text(8)
N0210	D			1						text(30)
N0209	D			1						char
MVA	R	V001	G							
N0145	D			1						text(8)
N0147	D			1						text(10)
N0311	D			1						text(10)
N0144	D			1						text(10)
N0081	D			1						date
N0083	D			O						date
N0370	D			1						integer(2)
N0301	D			1						text(14)
N0198	D			1						integer(9)
N0369	D			1						integer(12)
MV2	R	0-*		G						
MVA	R	V002	G							
N0145	D			1						text(8)
N0147	D			O						text(10)
N0311	D			1						text(10)
N0144	D			1						text(10)
N0081	D			1						date
N0083	D			O						date
N0370	D			1						integer(2)
N0301	D			1						text(14)
N0198	D			1						integer(9)
N0369	D			1						integer(12)
MV2	R	0-*		G						
MMR	R	0-*		G						
MVD	R	V002	G							
N0311	D			1						text(10)

N0144	D			1						text(10)
MDD	R	1-*		G						
MVN	R	V001	G							
N0147	D			1						text(10)
N0148	D			1						text(10)
N0311	D			1						text(10)
N0144	D			1						text(10)
N0081	D			1						date
N0083	D			O						date
OTD	R	0-1		G						
MV2	R	0-*		G						
MVP	R	V002	G							
N0361	D			1						integer(2)
N0362	D			O						integer(2)
N0140	D			1						decimal(10,3)
N0141	D			1						decimal(8,5)
MVR	R	V006	G							
N0045	D			1						text(8)
N0177	D			1						char
N0061	D			1						decimal(10,3)
N0109	D			1						decimal(10,3)
N0163	D			1						decimal(8,5)
MVR	R	V007	G							
N0045	D			1						text(8)
N0177	D			1						char
N0061	D			1						decimal(10,3)
N0109	D			1						decimal(10,3)
N0163	D			1						decimal(8,5)
MVR	R	V008	G							
N0045	D			1						text(8)
N0177	D			1						char
N0061	D			1						decimal(10,3)
N0109	D			1						decimal(10,3)
N0163	D			1						decimal(8,5)
MVX	R	V001	G							
N0145	D			1						text(8)
N0147	D			1						text(10)
N0311	D			1						text(10)
N0144	D			1						text(10)
N0081	D			1						date
N0083	D			O						date
N0187	D			1						text(80)
MV8	R	0-*		G						
NOH	R	V003	G							
N0200	D			1						date
N0076	D			1						integer(3)
DSI	R	0-1		G						
SP8	R	1-50		G						
CL9	R	0-*		G						

NOH	R	V004	G							
N0200	D			1						date
N0076	D			1						integer(3)
DSI	R	0-1		G						
SP8	R	1-50		G						
CL9	R	0-*		G						
NOT	R	V001	G							
N0180	D			1						integer(4)
N0045	D			1						text(8)
N0152	D			1						integer(8)
N0236	D			1						decimal(10,3)
NRD	R	V001	G							
N0339	D			O						text(9)
N0330	D			1						boolean
N0081	D			1						date
NRD	R	V002	G							
N0339	D			O						text(9)
N0330	D			1						boolean
N0081	D			1						date
ODF	R	V001	G							
N0155	D			1						text(20)
N0396	D			1						integer(4)
OED	R	V002	G							
N0080	D			1						text(10)
N0078	D			1						text(8)
N0354	D			1						char
N0355	D			1						text(8)
N0356	D			1						char
N0357	D			1						date
N0358	D			O						date
ECD	R	1-*		G						
OMD	R	V002	G							
N0147	D			1						text(10)
N0145	D			1						text(8)
N0034	D			1						text(11)
N0363	D			1						char
N0355	D			1						text(8)
N0356	D			1						char
N0364	D			1						date
N0365	D			O						date
MVD	R	1-*		G						
OS1	R	V001	G							
N0155	D			1						text(20)
CN1	R	1-*		G						
OS9	R	V001	G							
N0155	D			1						text(20)
CN9	R	1-*		G						

OSA	R	V001	G							
N0155	D			1						text(20)
N0052	D			O						integer(2)
N0397	D			1						text(2)
N0361	D			1						integer(2)
N0362	D			1						integer(2)
OSD	R	V001	G							
N0155	D			1						text(20)
CND	R	1-*		G						
OTD	R	V001	G							
N0483	D			1						boolean
PA1	R	V001	G							
N0339	D			O						text(9)
N0019	D			1						text(30)
N0018	D			1						text(8)
AR4	R	0-*		G						
PAL	R	V001	G							
N0339	D			O						text(9)
N0006	D			1						text(2)
N0081	D			1						date
N0083	D			O						date
PAL	R	V002	G							
N0339	D			O						text(9)
N0006	D			1						text(2)
N0081	D			1						date
N0083	D			O						date
PAL	R	V003	G							
N0339	D			O						text(9)
N0006	D			1						text(2)
N0081	D			1						date
N0083	D			O						date
PAS	R	V001	G							
N0339	D			O						text(9)
N0203	D			1						text(30)
N0162	D			O						text(8)
N0056	D			O						text(15)
N0067	D			O						text(80)
PAL	R	0-*		G						
PAS	R	V002	G							
N0339	D			O						text(9)
N0203	D			1						text(30)
N0162	D			O						text(8)
N0056	D			O						text(15)
N0067	D			O						text(80)
PAL	R	0-*		G						
PAS	R	V003	G							

N0339	D			O						text(9)
N0203	D			1						text(30)
N0162	D			O						text(8)
N0056	D			O						text(15)
N0067	D			O						text(80)
PAL	R	0-*		G						
PCD	R	V001	G							
N0177	D			1						char
SPD	R	1-50		G						
PD1	R	V001	G							
N0045	D			1						text(8)
MSE	R	1-*		G						
PD2	R	V001	G							
N0045	D			1						text(8)
RMD	R	1-*		G						
PD3	R	V001	G							
N0045	D			1						text(8)
RM8	R	1-*		G						
PD4	R	V001	G							
N0045	D			1						text(8)
CLD	R	1-*		G						
PD5	R	V001	G							
N0005	D			1						text(255)
N0159	D			O						text(30)
N0160	D			O						text(8)
N0046	D			1						text(30)
N0045	D			O						text(8)
N0158	D			O						text(10)
PRD	R	1-*		G						
SPT	R	0-*		G						
AUS	R	0-*		G						
SR2	R	0-*		G						
IE3	R	0-*		G						
PD6	R	V001	G							
N0339	D			O						text(9)
N0046	D			1						text(30)
N0045	D			1						text(8)
PR9	R	0-*		G						
SP9	R	0-*		G						
AU1	R	0-*		G						
SR3	R	0-*		G						
IUD	R	0-*		G						
PD7	R	V001	G							
N0045	D			1						text(8)
N0046	D			1						text(30)
PD8	R	V001	G							
N0045	D			1						text(8)

MSX	R	1-*		G						
POL	R	V001	G							
N0339	D			O						text(9)
N0178	D			1						decimal(8,7)
N0081	D			1						date
POL	R	V002	G							
N0339	D			O						text(9)
N0178	D			1						decimal(8,7)
N0081	D			1						date
POL	R	V003	G							
N0339	D			O						text(9)
N0178	D			1						decimal(8,7)
N0081	D			1						date
POL	R	V004	G							
N0339	D			O						text(9)
N0178	D			1						decimal(8,7)
N0081	D			1						date
POL	R	V005	G							
N0339	D			O						text(9)
N0178	D			1						decimal(8,7)
N0081	D			1						date
PPC	R	V006	G							
N0048	D			1						decimal(10,2)
N0031	D			1						decimal(10,2)
N0086	D			1						decimal(10,2)
N0122	D			1						decimal(10,2)
N0151	D			1						decimal(10,2)
N0194	D			1						decimal(10,2)
PPC	R	V007	G							
N0048	D			1						decimal(10,2)
N0031	D			1						decimal(10,2)
N0086	D			1						decimal(10,2)
N0122	D			1						decimal(10,2)
N0151	D			1						decimal(10,2)
N0194	D			1						decimal(10,2)
PPC	R	V008	G							
N0048	D			1						decimal(10,2)
N0031	D			1						decimal(10,2)
N0086	D			1						decimal(10,2)
N0122	D			1						decimal(10,2)
N0151	D			1						decimal(10,2)
N0194	D			1						decimal(10,2)
PR1	R	V001	G							
N0339	D			O						text(9)
N0047	D			1						text(2)
N0183	D			1						date
N0184	D			O						date

RA4	R	0-1		G						
PR1	R	V002	G							
N0339	D			O						text(9)
N0047	D			1						text(2)
N0183	D			1						date
N0184	D			O						date
RA4	R	0-1		G						
PR1	R	V003	G							
N0339	D			O						text(9)
N0047	D			1						text(2)
N0183	D			1						date
N0184	D			O						date
RA4	R	0-1		G						
PR9	R	V001	G							
N0339	D			O						text(9)
N0161	D			1						text(2)
N0185	D			1						char
N0183	D			1						date
N0184	D			O						date
RA4	R	0-1		G						
PRD	R	V001	G							
N0161	D			1						text(2)
N0183	D			1						date
N0184	D			O						date
RA2	R	0-1		G						
PSD	R	V001	G							
N0155	D			1						text(20)
N0052	D			1						integer(2)
N0410	D			1						text(20)
N0411	D			1						integer(2)
N0138	D			1						text(10)
N0399	D			1						text(2)
N0398	D			1						text(10)
N0134	D			1						text(2)
PSP	R	0-*		G						
PSP	R	V001	G							
N0201	D			1						integer(2)
N0405	D			1						decimal(10,3)
N0402	D			1						decimal(5,2)
PTD	R	V001	G							
N0045	D			1						text(8)
PCD	R	1-2		G						
PTY	R	V001	G							
N0045	D			1						text(8)
CHG	R	1-*		G						
PUB	R	V001	G							
N0343	D			1						datetime

RA2	R	V001	G							
N0008	D			1						text(40)
N0009	D			O						text(40)
N0010	D			O						text(40)
N0011	D			O						text(40)
N0012	D			O						text(40)
N0013	D			O						text(40)
N0014	D			O						text(40)
N0015	D			O						text(40)
N0016	D			O						text(40)
N0176	D			O						text(10)
N0218	D			O						text(15)
N0100	D			O						text(15)
N0067	D			O						text(80)
RA3	R	V001	G							
N0008	D			1						text(40)
N0009	D			O						text(40)
N0010	D			O						text(40)
N0011	D			O						text(40)
N0012	D			O						text(40)
N0013	D			O						text(40)
N0014	D			O						text(40)
N0015	D			O						text(40)
N0016	D			O						text(40)
N0176	D			O						text(10)
N0218	D			O						text(15)
N0100	D			O						text(15)
N0067	D			O						text(80)
RA4	R	V001	G							
N0339	D			O						text(9)
N0008	D			1						text(40)
N0009	D			O						text(40)
N0010	D			O						text(40)
N0011	D			O						text(40)
N0012	D			O						text(40)
N0013	D			O						text(40)
N0014	D			O						text(40)
N0015	D			O						text(40)
N0016	D			O						text(40)
N0176	D			O						text(10)
N0218	D			O						text(15)
N0100	D			O						text(15)
N0067	D			O						text(80)
RA4	R	V002	G							
N0339	D			O						text(9)
N0008	D			1						text(40)
N0009	D			O						text(40)
N0010	D			O						text(40)
N0011	D			O						text(40)
N0012	D			O						text(40)
N0013	D			O						text(40)
N0014	D			O						text(40)

N0015	D			O						text(40)
N0016	D			O						text(40)
N0176	D			O						text(10)
N0218	D			O						text(15)
N0100	D			O						text(15)
N0067	D			O						text(80)
RA4	R	V003	G							
N0339	D			O						text(9)
N0008	D			1						text(40)
N0009	D			O						text(40)
N0010	D			O						text(40)
N0011	D			O						text(40)
N0012	D			O						text(40)
N0013	D			O						text(40)
N0014	D			O						text(40)
N0015	D			O						text(40)
N0016	D			O						text(40)
N0176	D			O						text(10)
N0218	D			O						text(15)
N0100	D			O						text(15)
N0067	D			O						text(80)
RA5	R	V001	G							
N0339	D			O						text(9)
N0008	D			1						text(40)
N0009	D			O						text(40)
N0010	D			O						text(40)
N0011	D			O						text(40)
N0012	D			O						text(40)
N0013	D			O						text(40)
N0014	D			O						text(40)
N0015	D			O						text(40)
N0016	D			O						text(40)
N0176	D			O						text(10)
N0218	D			O						text(15)
N0100	D			O						text(15)
N0067	D			O						text(80)
RAD	R	V001	G							
N0008	D			1						text(40)
N0009	D			O						text(40)
N0010	D			O						text(40)
N0011	D			O						text(40)
N0012	D			O						text(40)
N0013	D			O						text(40)
N0014	D			O						text(40)
N0015	D			O						text(40)
N0016	D			O						text(40)
N0176	D			O						text(10)
N0218	D			O						text(15)
N0100	D			O						text(15)
N0067	D			O						text(80)
RD1	R	V001	G							
N0339	D			O						text(9)

N0020	D			1						text(2)
N0081	D			1						date
N0083	D			O						date
RA5	R	0-1		G						
RDT	R	V001	G							
N0235	D			1						text(8)
N0189	D			1						text(30)
RM8	R	V001	G							
N0142	D			1						text(13)
RMY	R	1-*		G						
RM9	R	V001	G							
N0201	D			1						integer(2)
N0154	D			O						decimal(12,3)
N0091	D			O						decimal(12,3)
N0092	D			O						char
N0089	D			O						boolean
RMD	R	V001	G							
N0142	D			1						text(13)
MS9	R	1-*		G						
RMP	R	V001	G							
N0201	D			1						integer(2)
N0137	D			1						decimal(12,3)
N0136	D			1						char
RMY	R	V001	G							
N0200	D			1						date
OS1	R	1-*		G						
RR2	R	V001	G							
N0193	D			1						text(8)
N0186	D			1						text(2)
RRH	R	V001	G							
N0193	D			1						text(8)
N0186	D			1						text(2)
RRH	R	V002	G							
N0193	D			1						text(8)
N0186	D			1						text(2)
RRH	R	V003	G							
N0193	D			1						text(8)
N0186	D			1						text(2)
RRH	R	V004	G							
N0193	D			1						text(8)
N0186	D			1						text(2)
RRH	R	V005	G							
N0193	D			1						text(8)
N0186	D			1						text(2)

SA1	R	V001	G							
N0339	D			O						text(9)
N0008	D			1						text(40)
N0009	D			O						text(40)
N0010	D			O						text(40)
N0011	D			O						text(40)
N0012	D			O						text(40)
N0013	D			O						text(40)
N0014	D			O						text(40)
N0015	D			O						text(40)
N0016	D			O						text(40)
N0176	D			O						text(10)
N0218	D			O						text(15)
N0100	D			O						text(15)
N0067	D			O						text(80)
SA2	R	V001	G							
N0339	D			O						text(9)
N0008	D			1						text(40)
N0009	D			O						text(40)
N0010	D			O						text(40)
N0011	D			O						text(40)
N0012	D			O						text(40)
N0013	D			O						text(40)
N0014	D			O						text(40)
N0015	D			O						text(40)
N0016	D			O						text(40)
N0176	D			O						text(10)
N0218	D			O						text(15)
N0100	D			O						text(15)
N0067	D			O						text(80)
SA2	R	V002	G							
N0339	D			O						text(9)
N0008	D			1						text(40)
N0009	D			O						text(40)
N0010	D			O						text(40)
N0011	D			O						text(40)
N0012	D			O						text(40)
N0013	D			O						text(40)
N0014	D			O						text(40)
N0015	D			O						text(40)
N0016	D			O						text(40)
N0176	D			O						text(10)
N0218	D			O						text(15)
N0100	D			O						text(15)
N0067	D			O						text(80)
SA2	R	V003	G							
N0339	D			O						text(9)
N0008	D			1						text(40)
N0009	D			O						text(40)
N0010	D			O						text(40)
N0011	D			O						text(40)
N0012	D			O						text(40)

N0013	D			O						text(40)
N0014	D			O						text(40)
N0015	D			O						text(40)
N0016	D			O						text(40)
N0176	D			O						text(10)
N0218	D			O						text(15)
N0100	D			O						text(15)
N0067	D			O						text(80)
SAD	R	V001	G							
N0008	D			1						text(40)
N0009	D			O						text(40)
N0010	D			O						text(40)
N0011	D			O						text(40)
N0012	D			O						text(40)
N0013	D			O						text(40)
N0014	D			O						text(40)
N0015	D			O						text(40)
N0016	D			O						text(40)
N0176	D			O						text(10)
N0218	D			O						text(15)
N0100	D			O						text(15)
N0067	D			O						text(80)
SAM	R	V001	G							
N0457	D			1						text(30)
N0200	D			1						date
N0201	D			1						integer(2)
N0475	D			1						integer(5)
N0476	D			1						integer(5)
SB1	R	V001	G							
N0458	D			1						text(1)
N0459	D			1						text(1)
N0135	D			1						text(8)
N0460	D			1						date
N0461	D			1						text(1)
CM1	R	1-*		G						
SB2	R	V001	G							
N0458	D			1						text(1)
N0459	D			1						text(1)
N0135	D			1						text(8)
N0460	D			1						date
N0461	D			1						text(1)
CM2	R	1-*		G						
SCD	R	V001	G							
N0200	D			1						date
N0202	D			1						text(2)
N0349	D			1						date
N0353	D			O						date
N0348	D			1						date
N0344	D			1						date
N0345	D			1						date
N0346	D			1						integer(3)

N0347	D			1						integer(3)
N0350	D			1						integer(3)
N0351	D			1						integer(3)
N0352	D			1						integer(3)
SDC	R	V001	G							
N0374	D			1						text(7)
N0045	D			1						text(8)
N0046	D			1						text(30)
N0375	D			1						integer(7)
N0376	D			1						integer(7)
N0377	D			1						integer(7)
N0378	D			1						integer(7)
N0379	D			1						integer(7)
N0380	D			1						integer(7)
SDC	R	V002	G							
N0374	D			1						text(7)
N0045	D			1						text(8)
N0046	D			1						text(30)
N0375	D			1						integer(7)
N0376	D			1						integer(7)
N0473	D			1						integer(7)
N0377	D			1						integer(7)
N0378	D			1						integer(7)
N0379	D			1						integer(7)
N0380	D			1						integer(7)
N0474	D			1						integer(7)
SDD	R	V001	G							
N0200	D			1						date
N0202	D			1						text(2)
TMV	R	1-50		G						
SDE	R	V001	G							
N0200	D			1						date
OSD	R	1-*		G						
SDS	R	V001	G							
N0374	D			1						text(7)
N0045	D			1						text(8)
N0046	D			1						text(30)
N0177	D			1						char
N0382	D			1						number(13,3)
SDV	R	V001	G							
N0374	D			1						text(7)
N0045	D			1						text(8)
N0046	D			1						text(30)
N0381	D			1						number(14,4)
SDX	R	V001	G							
N0200	D			1						date
PD8	R	1-*		G						

SP2	R	V001	G							
N0201	D			1						integer(2)
N0140	D			1						decimal(10,3)
N0141	D			1						decimal(8,5)
SP7	R	V006	G							
N0201	D			1						integer(2)
PPC	R	1		G						
SSD	R	1		G						
APD	R	2		G						
BP7	R	0-*		G						
SP7	R	V007	G							
N0201	D			1						integer(2)
PPC	R	1		G						
SSD	R	1		G						
DB2	R	0-*		G						
APD	R	2		G						
BP7	R	0-*		G						
SP7	R	V008	G							
N0201	D			1						integer(2)
PPC	R	1		G						
SSD	R	1		G						
DB2	R	0-*		G						
APD	R	2		G						
BP7	R	0-*		G						
SP8	R	V003	G							
N0201	D			1						integer(2)
ECN	R	0-*		G						
MV9	R	0-*		G						
IDD	R	0-1		G						
SP8	R	V004	G							
N0201	D			1						integer(2)
ECN	R	0-*		G						
MV9	R	0-*		G						
IDD	R	0-1		G						
SP9	R	V001	G							
N0339	D			O						text(9)
N0207	D			1						text(4)
SPD	R	V001	G							
N0201	D			1						integer(2)
N0001	D			1						decimal(10,3)
SPE	R	V001	G							
N0201	D			1						integer(2)
N0137	D			1						decimal(12,3)
N0136	D			1						char
N0093	D			1						text(255)
SPH	R	V006	G							

N0201	D			1						integer(2)
PPC	R	1		G						
SSD	R	1		G						
APD	R	2		G						
BPD	R	0-*		G						
SPH	R	V007	G							
N0201	D			1						integer(2)
PPC	R	1		G						
SSD	R	1		G						
DB2	R	0-*		G						
APD	R	2		G						
BPD	R	0-*		G						
SPH	R	V008	G							
N0201	D			1						integer(2)
PPC	R	1		G						
SSD	R	1		G						
DB2	R	0-*		G						
APD	R	2		G						
BPD	R	0-*		G						
SPI	R	V006	G							
N0201	D			1						integer(2)
N0212	D			1						decimal(10,5)
N0215	D			1						decimal(10,5)
N0439	D			O						text(2)
N0312	D			1						decimal(10,3)
N0334	D			1						decimal(10,3)
N0438	D			1						decimal(10,3)
N0124	D			1						decimal(10,5)
N0125	D			1						decimal(10,5)
N0316	D			O						decimal(10,3)
N0431	D			O						decimal(10,3)
N0317	D			1						boolean
N0391	D			1						integer(2)
N0392	D			1						decimal(10,3)
N0306	D			1						decimal(10,2)
N0308	D			1						decimal(10,3)
N0415	D			O						decimal(10,3)
N0372	D			1						decimal(10,2)
N0305	D			1						decimal(10,2)
N0307	D			1						decimal(10,3)
N0416	D			O						decimal(10,3)
N0371	D			1						decimal(10,2)
MD1	R	0-*		G						
TRA	R	1-*		G						
BPI	R	1-*		G						
SPI	R	V007	G							
N0201	D			1						integer(2)
N0212	D			1						decimal(10,5)
N0215	D			1						decimal(10,5)
N0439	D			1						text(2)
N0312	D			1						decimal(10,3)
N0334	D			1						decimal(10,3)

N0438	D			1						decimal(10,3)
N0124	D			1						decimal(10,5)
N0125	D			1						decimal(10,5)
N0316	D			O						decimal(10,3)
N0431	D			1						decimal(10,3)
N0317	D			1						boolean
N0391	D			1						integer(2)
N0392	D			1						decimal(10,3)
N0306	D			O						decimal(10,2)
N0308	D			O						decimal(10,3)
N0415	D			O						decimal(10,3)
N0372	D			1						decimal(10,2)
N0305	D			O						decimal(10,2)
N0307	D			O						decimal(10,3)
N0416	D			O						decimal(10,3)
N0371	D			1						decimal(10,2)
N0216	D			O						decimal(10,3)
Undef	D			O						Undef
N0517	D			O						decimal(10,3)
N0518	D			O						decimal(10,3)
N0519	D			O						decimal(10,3)
N0520	D			O						decimal(10,3)
N0521	D			O						decimal(10,3)
N0522	D			O						decimal(10,3)
N0523	D			O						decimal(10,3)
N0524	D			O						decimal(10,3)
N0525	D			O						decimal(10,3)
N0526	D			O						decimal(10,3)
N0527	D			O						decimal(10,3)
N0528	D			O						decimal(10,3)
N0529	D			O						decimal(10,3)
N0530	D			O						decimal(10,3)
N0531	D			O						decimal(10,2)
N0532	D			O						decimal(10,3)
MD1	R	0-*		G						
DB1	R	0-*		G						
TRA	R	1-*		G						
BPI	R	1-*		G						
SPI	R	V008	G							
N0201	D			1						integer(2)
N0212	D			1						decimal(10,5)
N0215	D			1						decimal(10,5)
N0439	D			1						text(2)
N0312	D			1						decimal(10,3)
N0334	D			1						decimal(10,3)
N0438	D			1						decimal(10,3)
N0124	D			1						decimal(10,5)
N0125	D			1						decimal(10,5)
N0316	D			O						decimal(10,3)
N0431	D			1						decimal(10,3)
N0317	D			1						boolean
N0391	D			1						integer(2)
N0392	D			1						decimal(10,3)
N0306	D			O						decimal(10,2)
N0308	D			O						decimal(10,3)

N0415	D			O						decimal(10,3)
N0372	D			1						decimal(10,2)
N0305	D			O						decimal(10,2)
N0307	D			O						decimal(10,3)
N0416	D			O						decimal(10,3)
N0371	D			1						decimal(10,2)
N0216	D			O						decimal(10,3)
Undef	D			O						Undef
N0517	D			O						decimal(10,3)
N0518	D			O						decimal(10,3)
N0519	D			O						decimal(10,3)
N0520	D			O						decimal(10,3)
N0521	D			O						decimal(10,3)
N0522	D			O						decimal(10,3)
N0523	D			O						decimal(10,3)
N0524	D			O						decimal(10,3)
N0525	D			O						decimal(10,3)
N0526	D			O						decimal(10,3)
N0527	D			O						decimal(10,3)
N0528	D			O						decimal(10,3)
N0529	D			O						decimal(10,3)
N0530	D			O						decimal(10,3)
N0531	D			O						decimal(10,2)
N0532	D			O						decimal(10,3)
N0558	D			O						boolean
N0559	D			O						decimal(10,9)
N0560	D			O						decimal(15,7)
N0561	D			O						decimal(10,2)
N0562	D			O						decimal(10,5)
MD1	R	0-*		G						
DB1	R	0-*		G						
TRA	R	1-*		G						
BPI	R	1-*		G						
SPS	R	V006	G							
N0201	D			1						integer(2)
N0312	D			1						decimal(10,3)
N0316	D			O						decimal(10,3)
N0317	D			1						boolean
N0391	D			1						integer(2)
N0392	D			1						decimal(10,3)
SSD	R	1		G						
TRA	R	1-*		G						
BUI	R	1-*		G						
SPS	R	V007	G							
N0201	D			1						integer(2)
N0312	D			1						decimal(10,3)
N0316	D			O						decimal(10,3)
N0317	D			1						boolean
N0391	D			1						integer(2)
N0392	D			1						decimal(10,3)
SSD	R	1		G						
DB2	R	1		G						
TRA	R	1-*		G						
BUI	R	1-*		G						

SPS	R	V008	G							
N0201	D			1						integer(2)
N0312	D			1						decimal(10,3)
N0316	D			O						decimal(10,3)
N0317	D			1						boolean
N0391	D			1						integer(2)
N0392	D			1						decimal(10,3)
SSD	R	1		G						
DB2	R	1		G						
TRA	R	1-*		G						
BUI	R	1-*		G						
SPT	R	V001	G							
N0207	D			1						text(4)
SPV	R	V002	G							
N0201	D			1						integer(2)
N0121	D			1						char
N0090	D			1						boolean
N0139	D			1						decimal(10,3)
SR2	R	V001	G							
N0192	D			1						text(30)
N0065	D			O						text(20)
SR3	R	V001	G							
N0339	D			O						text(9)
N0192	D			1						text(30)
N0065	D			O						text(20)
SR4	R	V001	G							
N0339	D			O						text(9)
N0020	D			1						text(2)
N0185	D			1						char
N0183	D			1						date
N0184	D			O						date
SA1	R	0-1		G						
SR5	R	V001	G							
N0020	D			1						text(2)
N0081	D			1						date
N0083	D			O						date
RA2	R	0-1		G						
SR9	R	V001	G							
N0339	D			O						text(9)
N0192	D			1						text(30)
N0065	D			O						text(20)
SR9	R	V002	G							
N0339	D			O						text(9)
N0192	D			1						text(30)
N0065	D			O						text(20)
SR9	R	V003	G							

N0339	D			O						text(9)
N0192	D			1						text(30)
N0065	D			O						text(20)
SRD	R	V001	G							
N0020	D			1						text(2)
N0081	D			1						date
N0083	D			O						date
SAD	R	0-1		G						
SRH	R	V006	G							
N0200	D			1						date
N0202	D			1						text(2)
N0304	D			1						integer(2)
N0385	D			1						integer(2)
N0383	D			1						date
N0384	D			1						integer(2)
N0211	D			1						integer(7)
N0045	D			1						text(8)
SRH	R	V007	G							
N0200	D			1						date
N0202	D			1						text(2)
N0304	D			1						integer(2)
N0385	D			1						integer(2)
N0383	D			1						date
N0384	D			1						integer(2)
N0211	D			1						integer(7)
N0045	D			1						text(8)
SRH	R	V008	G							
N0200	D			1						date
N0202	D			1						text(2)
N0304	D			1						integer(2)
N0385	D			1						integer(2)
N0383	D			1						date
N0384	D			1						integer(2)
N0211	D			1						integer(7)
N0045	D			1						text(8)
SSD	R	V006	G							
N0172	D			1						decimal(10,2)
N0213	D			1						decimal(10,2)
N0124	D			1						decimal(10,5)
N0125	D			1						decimal(10,5)
N0212	D			1						decimal(10,5)
N0215	D			1						decimal(10,5)
N0439	D			O						text(2)
N0333	D			1						decimal(10,2)
N0225	D			1						decimal(10,2)
N0228	D			1						decimal(10,2)
N0216	D			1						decimal(10,3)
N0386	D			1						decimal(10,3)
N0393	D			1						decimal(10,3)
N0224	D			1						decimal(10,3)
N0428	D			O						decimal(10,3)

N0217	D			1						decimal(10,3)
N0429	D			O						decimal(10,3)
N0430	D			O						decimal(10,3)
N0431	D			O						decimal(10,3)
N0432	D			O						decimal(10,3)
N0433	D			O						decimal(10,3)
N0387	D			1						decimal(10,3)
N0394	D			1						decimal(10,3)
N0226	D			1						decimal(10,3)
N0395	D			1						decimal(10,3)
N0230	D			1						decimal(10,2)
N0227	D			1						decimal(10,2)
N0305	D			1						decimal(10,2)
N0306	D			1						decimal(10,2)
N0307	D			1						decimal(10,3)
N0308	D			1						decimal(10,3)
N0416	D			O						decimal(10,3)
N0415	D			O						decimal(10,3)
N0371	D			1						decimal(10,2)
N0372	D			1						decimal(10,2)
N0438	D			1						decimal(10,3)
N0335	D			1						decimal(10,3)
N0336	D			1						decimal(10,3)
N0501	D			O						decimal(10,3)
N0502	D			O						decimal(10,3)
N0503	D			O						decimal(10,3)
N0504	D			O						decimal(10,3)
N0434	D			O						decimal(10,2)
N0435	D			O						decimal(10,3)
N0436	D			O						decimal(10,2)
N0437	D			O						decimal(10,3)
MD2	R	0-*		G						
SSD	R	V007	G							
N0172	D			1						decimal(10,2)
N0213	D			1						decimal(10,2)
N0124	D			1						decimal(10,5)
N0125	D			1						decimal(10,5)
N0212	D			1						decimal(10,5)
N0215	D			1						decimal(10,5)
N0439	D			1						text(2)
N0333	D			1						decimal(10,2)
N0225	D			1						decimal(10,2)
N0228	D			1						decimal(10,2)
N0216	D			1						decimal(10,3)
N0386	D			O						decimal(10,3)
N0393	D			1						decimal(10,3)
N0224	D			1						decimal(10,3)
N0428	D			O						decimal(10,3)
N0217	D			1						decimal(10,3)
N0429	D			O						decimal(10,3)
N0430	D			1						decimal(10,3)
N0431	D			1						decimal(10,3)
N0432	D			O						decimal(10,3)
N0433	D			O						decimal(10,3)
N0387	D			O						decimal(10,3)

N0394	D			1						decimal(10,3)
N0226	D			1						decimal(10,3)
N0395	D			1						decimal(10,3)
N0230	D			1						decimal(10,2)
N0227	D			1						decimal(10,2)
N0305	D			O						decimal(10,2)
N0306	D			O						decimal(10,2)
N0307	D			O						decimal(10,3)
N0308	D			O						decimal(10,3)
N0416	D			O						decimal(10,3)
N0415	D			O						decimal(10,3)
N0371	D			1						decimal(10,2)
N0372	D			1						decimal(10,2)
N0438	D			1						decimal(10,3)
N0335	D			1						decimal(10,3)
N0336	D			1						decimal(10,3)
N0501	D			O						decimal(10,3)
N0502	D			O						decimal(10,3)
N0503	D			O						decimal(10,3)
N0504	D			O						decimal(10,3)
N0434	D			O						decimal(10,2)
N0435	D			O						decimal(10,3)
N0436	D			O						decimal(10,2)
N0437	D			O						decimal(10,3)
N0517	D			O						decimal(10,3)
N0518	D			O						decimal(10,3)
N0519	D			O						decimal(10,3)
N0520	D			O						decimal(10,3)
N0521	D			O						decimal(10,3)
N0522	D			O						decimal(10,3)
N0523	D			O						decimal(10,3)
N0524	D			O						decimal(10,3)
N0525	D			O						decimal(10,3)
N0526	D			O						decimal(10,3)
N0527	D			O						decimal(10,3)
N0528	D			O						decimal(10,3)
N0529	D			O						decimal(10,3)
N0530	D			O						decimal(10,3)
N0531	D			O						decimal(10,2)
N0532	D			O						decimal(10,3)
MD2	R	0-*		G						
SSD	R	V008	G							
N0172	D			1						decimal(10,2)
N0213	D			1						decimal(10,2)
N0124	D			1						decimal(10,5)
N0125	D			1						decimal(10,5)
N0212	D			1						decimal(10,5)
N0215	D			1						decimal(10,5)
N0439	D			1						text(2)
N0333	D			1						decimal(10,2)
N0225	D			1						decimal(10,2)
N0228	D			1						decimal(10,2)
N0216	D			1						decimal(10,3)
N0386	D			O						decimal(10,3)
N0393	D			1						decimal(10,3)

N0224	D			1						decimal(10,3)
N0428	D			O						decimal(10,3)
N0217	D			1						decimal(10,3)
N0429	D			O						decimal(10,3)
N0430	D			1						decimal(10,3)
N0431	D			1						decimal(10,3)
N0432	D			O						decimal(10,3)
N0433	D			O						decimal(10,3)
N0387	D			O						decimal(10,3)
N0394	D			1						decimal(10,3)
N0226	D			1						decimal(10,3)
N0395	D			1						decimal(10,3)
N0230	D			1						decimal(10,2)
N0227	D			1						decimal(10,2)
N0305	D			O						decimal(10,2)
N0306	D			O						decimal(10,2)
N0307	D			O						decimal(10,3)
N0308	D			O						decimal(10,3)
N0416	D			O						decimal(10,3)
N0415	D			O						decimal(10,3)
N0371	D			1						decimal(10,2)
N0372	D			1						decimal(10,2)
N0438	D			1						decimal(10,3)
N0335	D			1						decimal(10,3)
N0336	D			1						decimal(10,3)
N0501	D			O						decimal(10,3)
N0502	D			O						decimal(10,3)
N0503	D			O						decimal(10,3)
N0504	D			O						decimal(10,3)
N0434	D			O						decimal(10,2)
N0435	D			O						decimal(10,3)
N0436	D			O						decimal(10,2)
N0437	D			O						decimal(10,3)
N0517	D			O						decimal(10,3)
N0518	D			O						decimal(10,3)
N0519	D			O						decimal(10,3)
N0520	D			O						decimal(10,3)
N0521	D			O						decimal(10,3)
N0522	D			O						decimal(10,3)
N0523	D			O						decimal(10,3)
N0524	D			O						decimal(10,3)
N0525	D			O						decimal(10,3)
N0526	D			O						decimal(10,3)
N0527	D			O						decimal(10,3)
N0528	D			O						decimal(10,3)
N0529	D			O						decimal(10,3)
N0530	D			O						decimal(10,3)
N0531	D			O						decimal(10,2)
N0532	D			O						decimal(10,3)
N0558	D			O						boolean
N0559	D			O						decimal(10,9)
N0560	D			O						decimal(15,7)
N0561	D			O						decimal(10,2)
N0562	D			O						decimal(10,5)
MD2	R	0-*		G						

STD	R	V001	G							
N0200	D			1						date
LLF	R	46-50		G						
SU2	R	V001	G							
N0296	D			1						text(4)
BM2	R	1-*		G						
SU3	R	V001	G							
N0296	D			1						text(4)
BM3	R	1-*		G						
SU4	R	V001	G							
N0296	D			1						text(4)
BM4	R	1-*		G						
SUD	R	V001	G							
N0208	D			1						text(8)
N0209	D			1						char
SP2	R	1-50		G						
SUP	R	V001	G							
N0296	D			1						text(4)
BMU	R	1-*		G						
TAC	R	V001	G							
N0237	D			1						integer(4)
N0041	D			1						decimal(10,2)
TMD	R	V001	G							
N0341	D			1						text(80)
TMD	R	V002	G							
N0341	D			1						text(80)
TMD	R	V003	G							
N0341	D			1						text(80)
TMV	R	V001	G							
N0201	D			1						integer(2)
N0232	D			1						text(30)
N0585	D			1						char
N0586	D			1						char
N0587	D			1						decimal(10,3)
N0588	D			1						decimal(10,3)
N0231	D			1						decimal(10,3)
TR1	R	V001	G							
N0005	D			1						text(255)
N0159	D			1						text(30)
N0160	D			1						text(8)
TRA	R	V006	G							
N0232	D			1						text(30)
N0231	D			1						decimal(10,3)

TRA	R	V007	G							
N0232	D			1						text(30)
N0231	D			1						decimal(10,3)
TRA	R	V008	G							
N0232	D			1						text(30)
N0231	D			1						decimal(10,3)
TU1	R	V001	G							
N0232	D			1						text(30)
BU2	R	1-*		G						
TU2	R	V002	G							
N0339	D			O						text(9)
N0232	D			1						text(30)
TU2	R	V003	G							
N0339	D			O						text(9)
N0232	D			1						text(30)
TU2	R	V004	G							
N0339	D			O						text(9)
N0232	D			1						text(30)
TU2	R	V005	G							
N0339	D			O						text(9)
N0232	D			1						text(30)
TUD	R	V001	G							
N0339	D			O						text(9)
N0185	D			1						char
N0232	D			1						text(30)
BU5	R	0-*		G						
TUR	R	V001	G							
N0339	D			O						text(9)
N0232	D			1						text(30)
BU9	R	0-*		G						
TUR	R	V002	G							
N0339	D			O						text(9)
N0232	D			1						text(30)
BU9	R	0-*		G						
TUR	R	V003	G							
N0339	D			O						text(9)
N0232	D			1						text(30)
BU9	R	0-*		G						
TVE	R	V001	G							
N0294	D			1						decimal(12,3)
V1A	R	V001	G							
N0098	D			1						text(10)
V1A	R	V002	G							

N0098	D			1						text(10)
V1B	R	V001	G							
N0095	D			1						text(8)
N0098	D			1						text(10)
N0097	D			O						text(8)
N0081	D			1						date
V1B	R	V002	G							
N0095	D			1						text(8)
N0098	D			1						text(10)
N0097	D			O						text(8)
N0081	D			1						date
V2A	R	V001	G							
N0095	D			1						text(8)
N0098	D			1						text(10)
N0097	D			O						text(8)
N0081	D			1						date
V2A	R	V002	G							
N0095	D			1						text(8)
N0098	D			1						text(10)
N0097	D			O						text(8)
N0081	D			1						date
V3A	R	V001	G							
N0034	D			1						text(11)
N0081	D			1						date
V3A	R	V002	G							
N0034	D			1						text(11)
N0081	D			1						date
V3B	R	V001	G							
N0039	D			1						text(10)
N0081	D			1						date
V3B	R	V002	G							
N0039	D			1						text(10)
N0081	D			1						date
V3C	R	V001	G							
N0142	D			1						text(13)
N0081	D			1						date
V3C	R	V002	G							
N0142	D			1						text(13)
N0081	D			1						date
V4A	R	V001	G							
N0142	D			1						text(13)
N0081	D			1						date
V4A	R	V002	G							
N0142	D			1						text(13)

N0081	D			1						date
V5A	R	V001	G							
N0142	D			1						text(13)
N0081	D			1						date
V5A	R	V002	G							
N0142	D			1						text(13)
N0081	D			1						date
V6A	R	V002	G							
N0034	D			1						text(11)
N0081	D			1						date
ZP2	R	V001	G							
N0200	D			1						date
N0199	D			1						text(2)
N0206	D			1						text(2)
N0205	D			1						integer(7)
N0116	D			O						text(2)
ZPD	R	V001	G							
N0200	D			1						date
N0103	D			O						text(2)
N0104	D			1						text(1)
N0049	D			1						integer(2)
N0116	D			1						text(2)

Valid Set
Action Code
Activity
Action Code
Activity
Action Code
Activity
Action Code
Action Code
Action Code

I/E Flag
Run Type
Action Code
Certification/Accreditation Status
Certification/Accreditation Status
P/C Flag
P/C Flag

I/E Flag
Run Type
I/E Flag
Run Type

P/C Flag
P/C Flag
P/C Flag

Organisation Type
Action Code
Organisation Type
Action Code
Organisation Type
Action Code
Organisation Type
Action Code
Organisation Type
Registration Status
Action Code
Organisation Type

Organisation Type
Action Code
Action Code
Activity
Activity
Action Code

BMRA Exception Type
P/C Flag

#N/A
#N/A

Action Code
Point Type
Action Code
Action Code
Action Code

Action Code
Action Code

Action Code
Action Code
Registration Status
Point Type

Run Type
Run Type

Run Type

Action Code
BM Unit Type
P/C Flag
P/C Status
Action Code
BM Unit Type
P/C Flag
P/C Status

Action Code
BM Unit Type
P/C Flag
P/C Status
Action Code
BM Unit Type
P/C Flag
P/C Status

Action Code
BM Unit Type
P/C Flag
BM Unit Type
P/C Flag

Action Code
Registration Status
BM Unit Type
P/C Flag
P/C Status
Action Code
Registration Status
BM Unit Type
P/C Flag
P/C Status

Action Code
Registration Status
BM Unit Type
P/C Flag
P/C Status
Action Code
Registration Status
BM Unit Type

P/C Flag
P/C Status
Action Code
Action Code
Action Code
Action Code

Action Code
BM Unit Type
P/C Flag
Action Code
BM Unit Type

P/C Flag
Action Code
BM Unit Type
P/C Flag

Credit Default Level
Run Type
Charge Type

Measurement Quantity
Measurement Quantity
Main/Check Indicator
Measurement Quantity
Main/Check Indicator
P/C Flag
P/C Flag
P/C Flag
P/C Flag

P/C Flag
P/C Flag
P/C Flag
P/C Flag
P/C Flag
P/C Flag
P/C Flag
P/C Flag

Demand Control Event Flag
Measurement Quantity

P/C Flag

Report Req Set
Report Req Set
Notification Amendment Type
P/C Flag
P/C Flag
P/C Flag

P/C Flag

Action Code
Action Code
Registration Status
I/E Flag
Report Req Set

Notification Amendment Type
Report Req Set
Report Req Set
BMRA Exception Type

Run Type
Action Code
Registration Status
Action Code

Action Code
Action Code
I/E Flag
Action Code
Registration Status

Action Code
Registration Status

Action Code

Action Code
Registration Status
I/E Flag
Action Code
Action Code
Action Code
Action Code

Action Code
Action Code
Action Code
Action Code
Action Code
Action Code

Action Code
Action Code
Action Code
Action Code
Action Code
Action Code
Action Code
Action Code
Action Code

Action Code
P/C Flag
P/C Flag
P/C Flag
P/C Flag
P/C Flag
P/C Flag
P/C Flag
P/C Flag
P/C Flag

P/C Flag

Report Req Set
Measurement Quantity

Action Code
Action Code
Action Code
Action Code

Report Req Set
Run Type
Report Req Set
Action Code
Registration Status

Action Code

P/C Flag
P/C Flag
P/C Flag
P/C Flag

P/C Flag
P/C Flag
P/C Flag

Action Code
Action Code
Party Sequence
P/C Flag
L/S Flag
P/C Flag

Action Code
Action Code
Activity
Action Code
Activity
Action Code
Activity
Action Code
Action Code

Action Code
P/C Flag
Action Code

Action Code
Action Code
Action Code
Action Code
Action Code
Action Code
Organisation Type

Action Code
Organisation Type
Action Code
Organisation Type
Action Code
Organisation Type
Registration Status
Organisation Type
Measurement Quantity

Action Code
Action Code

Action Code
Action Code
Action Code

Organisation Type
Estimation Method
Meter Reading Status
Registration Type
Registration Type
Registration Type
Registration Type
Registration Type
Registration Type

Action Code
Action Code
Action Code
Action Code

Run Type

MONYYYY
MONYYYY
Run Type
MONYYYY
P/C Flag
MONYYYY

Action Code
Meter Reading Status

Price Derivation Code
Price Derivation Code

Undef
Price Derivation Code

Undef

I/E Flag
Action Code
Action Code
Organisation Type
Registration Status
Organisation Type
Action Code
Action Code

Action Code
Organisation Type
Run Type
Run Type
Run Type
Price Derivation Code

Price Derivation Code
#N/A

Price Derivation Code

#N/A

P/C Flag
Trading Unit Type
Delivery Mode

Action Code
Action Code
Action Code
Action Code
Action Code
Registration Status
Action Code
Action Code
Action Code

item name/**group description**
Authorisation Levels
Action Code
Activity
Effective From Date
Effective To Date
Authorisation Levels
Action Code
Activity
Effective From Date
Effective To Date
Authorisation Levels
Action Code
Activity
Effective From Date
Effective To Date
Authorised Signatories
Action Code
Signatory Name
Password
Contact Phone No
e-Mail Address
Authorisation Levels
Authorised Signatories
Action Code
Signatory Name
Password
Contact Phone No
e-Mail Address
Authorisation Levels
Authorised Signatories
Action Code
Signatory Name
Password
Contact Phone No
e-Mail Address
Authorisation Levels
Account Bilateral Header
Settlement Date
ECVAA Run Number
BM Unit Volume - Period
Settlement Period
Estimate Indicator

Meter Volume
Import/Export Indicator
BM Unit Aggregation Report
BM Unit Id
Settlement Date
Settlement Run Type
CDCA Run Number
Date of Aggregation
BM Unit Volume - Period
Certification/Accreditation Details
Action Code
Certification/Accreditation Status
Certification/Accreditation Details
Certification/Accreditation Status
Account Energy Data
Production/Consumption Flag
Account Period CA Credited Energy Volume
Account Period Energy Contract Volume
Account Cumulative CA Credited Energy Volume
Account Cumulative Energy Contract Volume
Account Energy Data by BMU Type
Account Energy Data
Production/Consumption Flag
Account Period CA Credited Energy Volume
Account Period Energy Contract Volume
Account Cumulative CA Credited Energy Volume
Account Cumulative Energy Contract Volume
Account Energy Data by BMU Type
Acknowledgement Details
File Identifier
File Type
Response Code
Response Data
Account Energy Data by BMU Type
Interconnector Account Period CA Credited Energy Volume
Interconnector Account Cumulative CA Credited Energy Volume
Non Interconnector Account Period CA Credited Energy Volume
Non Interconnector Account Cumulative CA Credited Energy Volume
Account Energy Data by BMU Type
FPN Derived Account Period CA Credited Energy Volume
FPN Derived Account Cumulative CA Credited Energy Volume
Non FPN Derived Account Period CA Credited Energy Volume
Non FPN Derived Account Cumulative CA Credited Energy Volume
Acknowledgement Details
Received Time
Response Time
File Name

Response Code
Response Data
Actual Energy Indebtedness Dates
From Settlement Date
To Settlement Date
Actual Energy Indebtedness Dates
From Settlement Date
To Settlement Date
Aggregated GSP Group Take - Period
Settlement Period
Estimate Indicator
Import/Export Indicator
GSP Group Take Volume
Aggregated GSP Group Take Volumes
GSP Group Id
Settlement Date
Settlement Run Type
CDCA Run Number
Date of Aggregation
Aggregated GSP Group Take - Period
Aggregated Interconnector Volume - Period
Settlement Period
Estimate Indicator
Meter Volume
Import/Export Indicator
Interconnector Aggregation Report
Interconnector Id
Settlement Date
Settlement Run Type
CDCA Run Number
Date of Aggregation
Aggregated Interconnector Volume - Period
Account Period BMU Data
BM Unit Id
Credited Energy Volume
Fixed Metered Volume Reallocation
Percentage Metered Volume Reallocation
Account Period BMU Data
BM Unit Id
Credited Energy Volume
Fixed Metered Volume Reallocation
Percentage Metered Volume Reallocation
Account Period BMU Data
BM Unit Id
Credited Energy Volume
Fixed Metered Volume Reallocation
Percentage Metered Volume Reallocation

Aggregate Party Day Charges
BSSC Limited Cost Allocation
BM Unit Cashflow
Energy Imbalance Cashflow
Information Imbalance Cashflow
Non-Delivery Charge
Residual Cashflow Reallocation Charge
Daily System Operator BM Cashflow
Aggregate Party Day Charges
BSSC Limited Cost Allocation
BM Unit Cashflow
Energy Imbalance Cashflow
Information Imbalance Cashflow
Non-Delivery Charge
Residual Cashflow Reallocation Charge
Daily System Operator BM Cashflow
Aggregate Party Day Charges
BSSC Limited Cost Allocation
BM Unit Cashflow
Energy Imbalance Cashflow
Information Imbalance Cashflow
Non-Delivery Charge
Residual Cashflow Reallocation Charge
Daily System Operator BM Cashflow
Account Period Data
Production/Consumption Flag
BSSC Limited Cost Allocation
Energy Imbalance Charge
Information Imbalance Charge
Residual Cashflow Reallocation Charge
Account Bilateral Contract Volume
Account Period Balancing Services Volume
Account Energy Imbalance Volume
Account Credited Energy Volume
Residual Cashflow Reallocation Proportion
Account Period BMU Data
Account Period Data
Production/Consumption Flag
BSSC Limited Cost Allocation
Energy Imbalance Charge
Information Imbalance Charge
Residual Cashflow Reallocation Charge
Account Bilateral Contract Volume
Account Period Balancing Services Volume
Account Energy Imbalance Volume
Account Credited Energy Volume
Residual Cashflow Reallocation Proportion
Account Period BMU Data
Account Period Data
Production/Consumption Flag

BSSC Limited Cost Allocation
Energy Imbalance Charge
Information Imbalance Charge
Residual Cashflow Reallocation Charge
Account Bilateral Contract Volume
Account Period Balancing Services Volume
Account Energy Imbalance Volume
Account Credited Energy Volume
Residual Cashflow Reallocation Proportion
Account Period BMU Data
Agent Role Details
Agent Type
Effective From Date
Effective To Date
Role Address Details
Certification/Accreditation Details
Agent Role Details
Action Code
BSC Party Agent Type
Registration Effective From Date
Registration Effective To Date
Role Address Details
Agent Role Details
Action Code
BSC Party Agent Type
Registration Effective From Date
Registration Effective To Date
Role Address Details
Agent Role Details
Action Code
BSC Party Agent Type
Registration Effective From Date
Registration Effective To Date
Role Address Details
Agent Role Details
Action Code
Agent Type
Registration Status
Registration Effective From Date
Registration Effective To Date
Role Address Details
Certification/Accreditation Details
Agent Role Details
Action Code
Agent Type
Effective From Date
Effective To Date
Role Address Details
Certification/Accreditation Details

Agent Role Details
Agent Type
Registration Effective From Date
Registration Effective To Date
Role Address Details
Certification/Accreditation Details
Authorised Signatories
Action Code
Signatory Name
Password
Contact Phone No
E-Mail Address
Authorisation Levels
Authorisation Levels
Action Code
Activity
Effective From Date
Effective To Date
Authorisation Levels
Activity
Effective From Date
Effective To Date
Authorised Signatories
Signatory Name
Password
Contact Phone No
E-Mail Address
Authorisation Levels
BSC Party Agent Details
Action Description
Party Authentication Name
Party Authentication Password
Agent Name
Agent Id
Agent Role Details
Authorised Signatories
BSC Party Agent Details
Action Code
Agent Name
Agent Id
Agent Role Details
Authorised Signatories
BM Unit Period Bid-Offer Information
Bid-Offer Pair Number
Bid Price
Offer Price
BMU Period Bid-Offer Value Pair
BM Unit Period Bid-Offer Information

Bid-Offer Pair Number
Bid Price
Offer Price
BMU Period Bid-Offer Value Pair
BM Unit Period Bid-Offer Information
Bid-Offer Pair Number
Bid Price
Offer Price
BMU Period Bid-Offer Value Pair
Period BM Unit Demand Disconnection Volumes
Settlement Period
Period BM Unit Demand Disconnection Volume
BMRA Data Exceptions
Exception Type
Exception Description
Period BM Unit Gross Demand Volumes
Settlement Period
Period Bm Unit Gross Demand Volume
BM Unit Ids
BM Unit Id
Period BM Unit Total Allocated Volumes
BM Unit Ids
BM Unit Id
Period BM Unit Gross Demand Volumes
BM Unit Ids
BM Unit Id
Period BM Unit Demand Disconnection Volumes
BM Unit Details
BM Unit Id
Lead Party Production/Consumption Flag
Subsidiary Party Details
BM Unit Ids
BM Unit Id
Effective From Settlement Date
Effective To Settlement Date
Default Flag
Period BM Unit Total Allocated Volumes
Settlement Period
Period BM Unit Total Allocated Volume
BMU Period Bid-Offer Value Pair
Time from
Bid Offer Volume Value From
Time To
Bid Offer Volume Value To

BMU Period Bid-Offer Value Pair
Time from
Bid Offer Volume Value From
Time To
Bid Offer Volume Value To
BMU Period Bid-Offer Value Pair
Time from
Bid Offer Volume Value From
Time To
Bid Offer Volume Value To
BMU Period Bid-Offer Acceptance
B-O Acceptance Number
Short Continuous Acceptance Flag
BMU Period Bid-Offer Acceptance Spot Point
BMU Period Bid-Offer Acceptance
B-O Acceptance Number
CADL Flag
Acceptance SO-Flag
BMU Period Bid-Offer Acceptance Spot Point
BM Unit Bid-Offer Pair Acceptance Volume Data
BMU Period Bid-Offer Acceptance
B-O Acceptance Number
CADL Flag
Acceptance SO-Flag
Acceptance Stor Provider Flag
Reserve Scarcity Price Flag
BMU Period Bid-Offer Acceptance Spot Point
BM Unit Bid-Offer Pair Acceptance Volume Data
BMU Period Bid-Offer Data
Bid-Offer Pair Number
Bid Price
Offer Price
Period BM Unit Total Accepted Bid Volume
Period BM Unit Total Accepted Offer Volume
Period BM Unit Total Priced Accepted Bid volume
Period BM Unit Total Priced Accepted Offer volume
Period BM Unit Bid Cashflow
Period BM Unit Offer Cashflow
BMU Period Bid-Offer Value Pair
BMU Period Bid-Offer Data
Bid-Offer Pair Number
Bid Price
Offer Price
Period BM Unit Total Accepted Bid Volume
Period BM Unit Total Accepted Offer Volume
Period BM Unit Total Priced Accepted Bid volume
Period BM Unit Total Priced Accepted Offer volume
Period BM Unit Tagged Bid Volume
Period BM Unit Tagged Offer Volume
Period BM Unit Repriced Bid Volume

Period BM Unit Repriced Offer Volume
Period BM Unit Originally-Priced Bid Volume
Period BM Unit Originally-Priced Offer Volume
Period BM Unit Bid Cashflow
Period BM Unit Offer Cashflow
BMU Period Bid-Offer Value Pair
BMU Period Bid-Offer Data
Bid-Offer Pair Number
Bid Price
Offer Price
Period BM Unit Total Accepted Bid Volume
Period BM Unit Total Accepted Offer Volume
Period BM Unit Total Priced Accepted Bid volume
Period BM Unit Total Priced Accepted Offer volume
Period BM Unit Tagged Bid Volume
Period BM Unit Tagged Offer Volume
Period BM Unit Repriced Bid Volume
Period BM Unit Repriced Offer Volume
Period BM Unit Originally-Priced Bid Volume
Period BM Unit Originally-Priced Offer Volume
Period BM Unit Bid Cashflow
Period BM Unit Offer Cashflow
BMU Period Bid-Offer Value Pair
BMU Period Bid-Offer Acceptance Spot Point
Acceptance From Time
Bid Offer Acceptance Volume Value From
Acceptance To Time
Bid Offer Acceptance Volume Value To
BMU Period Bid-Offer Acceptance Spot Point
Acceptance From Time
Bid Offer Acceptance Volume Value From
Acceptance To Time
Bid Offer Acceptance Volume Value To
BMU Period Bid-Offer Acceptance Spot Point
Acceptance From Time
Bid Offer Acceptance Volume Value From
Acceptance To Time
Bid Offer Acceptance Volume Value To
BMU Period Bid-Offer Acceptance Spot Point
Acceptance From Time
Bid Offer Acceptance Volume Value From
Acceptance To Time
Bid Offer Acceptance Volume Value To
BMU Period Bid-Offer Acceptance Spot Point
Acceptance From Time
Bid Offer Acceptance Volume Value From
Acceptance To Time
Bid Offer Acceptance Volume Value To
BMU Period Bid-Offer Acceptance Spot Point

Acceptance From Time
Bid Offer Acceptance Volume Value From
Acceptance To Time
Bid Offer Acceptance Volume Value To
BM Unit Bid-Offer Pair Acceptance Volume Data
Bid-Offer Pair Number
Bid-Offer Pair Acceptance Bid Volume
Bid-Offer Pair Acceptance Offer Volume
BM Unit Bid-Offer Pair Acceptance Volume Data
Bid-Offer Pair Number
Bid-Offer Pair Acceptance Bid Volume
Bid-Offer Pair Acceptance Offer Volume
BM Unit Bid-Offer Pair Acceptance Volume Data
Bid-Offer Pair Number
Bid-Offer Pair Acceptance Bid Volume
Bid-Offer Pair Acceptance Offer Volume
BM Unit Bid-Offer Pair Acceptance Volume Data
Bid-Offer Pair Number
Bid-Offer Pair Acceptance Bid Volume
Bid-Offer Pair Acceptance Offer Volume
BMU Period Bid-Offer Acceptance
B-O Acceptance Number
Short Continuous Acceptance Flag
BMU Period Bid-Offer Acceptance Spot Point
BMU Period Bid-Offer Acceptance
B-O Acceptance Number
CADL Flag
Acceptance SO-Flag
BMU Period Bid-Offer Acceptance Spot Point
BM Unit Bid-Offer Pair Acceptance Volume Data
BMU Period Bid-Offer Acceptance
B-O Acceptance Number
CADL Flag
Acceptance SO-Flag
Acceptance Stor Provider Flag
Reserve Scarcity Price Flag
BMU Period Bid-Offer Acceptance Spot Point
BM Unit Bid-Offer Pair Acceptance Volume Data
BMU Period Bid-Offer Data
Bid-Offer Pair Number
Bid Price
Offer Price
Period BM Unit Total Accepted Bid Volume
Period BM Unit Total Accepted Offer Volume
Period BM Unit Total Priced Accepted Bid Volume
Period BM Unit Total Priced Accepted Offer Volume
Period BM Unit Bid Cashflow
Period BM Unit Offer Cashflow

BMU Period Bid-Offer Value Pair
BMU Period Bid-Offer Data
Bid-Offer Pair Number
Bid Price
Offer Price
Period BM Unit Total Accepted Bid Volume
Period BM Unit Total Accepted Offer Volume
Period BM Unit Total Priced Accepted Bid Volume
Period BM Unit Total Priced Accepted Offer Volume
Period BM Unit Tagged Bid Volume
Period BM Unit Tagged Offer Volume
Period BM Unit Repriced Bid Volume
Period BM Unit Repriced Offer Volume
Period BM Unit Originally-Priced Bid Volume
Period BM Unit Originally-Priced Offer Volume
Period BM Unit Bid Cashflow
Period BM Unit Offer Cashflow
BMU Period Bid-Offer Value Pair
BMU Period Bid-Offer Data
Bid-Offer Pair Number
Bid Price
Offer Price
Period BM Unit Total Accepted Bid Volume
Period BM Unit Total Accepted Offer Volume
Period BM Unit Total Priced Accepted Bid Volume
Period BM Unit Total Priced Accepted Offer Volume
Period BM Unit Tagged Bid Volume
Period BM Unit Tagged Offer Volume
Period BM Unit Repriced Bid Volume
Period BM Unit Repriced Offer Volume
Period BM Unit Originally-Priced Bid Volume
Period BM Unit Originally-Priced Offer Volume
Period BM Unit Bid Cashflow
Period BM Unit Offer Cashflow
BMU Period Bid-Offer Value Pair
BMU Period Bid-Offer Value Pair
Time from
Bid Offer Volume Value From
Time To
Bid Offer Volume Value To
BMU Period Bid-Offer Value Pair
Time from
Bid Offer Volume Value From
Time To
Bid Offer Volume Value To
BMU Period Bid-Offer Value Pair
Time from
Bid Offer Volume Value From
Time To
Bid Offer Volume Value To

BSC Service Agent Details
Action Code
Agent Name
Agent Id
Service Agent Role Details
Point Details
Point Id
Point Type
Effective From Date
Effective To Date
BSC Party Agent Details
Action Code
BSC Party Agent Name
Agent Id
Agent Role Details
Authorised Signatories
BSC Party Agent Details
Action Code
BSC Party Agent Name
Agent Id
Agent Role Details
Authorised Signatories
BSC Party Agent Details
Action Code
BSC Party Agent Name
Agent Id
Agent Role Details
Authorised Signatories
BM Unit Period Data
BM Unit Id
Information Imbalance Cashflow
BM Unit Period Non-Delivery Charge
Period FPN
Period BM Unit Balancing Services Volume
Period Information Imbalance Volume
Period Expected Metered Volume
BM Unit Metered Volume
Period BM Unit Non-Delivered Bid Volume
Period BM Unit Non-Delivered Offer Volume
Transmission Loss Factor
Transmission Loss Multiplier
Trading Unit Name
Total Trading Unit Metered Volume
BM Unit Applicable Balancing Services Volume
FPN Value Pair
BMU Period Bid-Offer Data
BMU Period Bid-Offer Acceptance
BM Unit MVR Information
BM Unit Period Data
BM Unit Id

Information Imbalance Cashflow
BM Unit Period Non-Delivery Charge
Period FPN
Period BM Unit Balancing Services Volume
Period Information Imbalance Volume
Period Expected Metered Volume
BM Unit Metered Volume
Period BM Unit Non-Delivered Bid Volume
Period BM Unit Non-Delivered Offer Volume
Transmission Loss Factor
Transmission Loss Multiplier
Trading Unit Name
Total Trading Unit Metered Volume
BM Unit Applicable Balancing Services Volume
FPN Value Pair
BMU Period Bid-Offer Data
BMU Period Bid-Offer Acceptance
BM Unit MVR Information
BM Unit Period Data
BM Unit Id
Information Imbalance Cashflow
BM Unit Period Non-Delivery Charge
Period FPN
Period BM Unit Balancing Services Volume
Period Information Imbalance Volume
Period Expected Metered Volume
BM Unit Metered Volume
Period BM Unit Non-Delivered Bid Volume
Period BM Unit Non-Delivered Offer Volume
Transmission Loss Factor
Transmission Loss Multiplier
Trading Unit Name
Total Trading Unit Metered Volume
BM Unit Applicable Balancing Services Volume
FPN Value Pair
BMU Period Bid-Offer Data
BMU Period Bid-Offer Acceptance
BM Unit MVR Information
BSC Party Details
Action Code
BSC Party Name
BSC Party Id
Party Role Details
Notification Rejection Details
Settlement Report Details
Authorised Signatories
BSC Party Details
Action Code
BSC Party Name
BSC Party Id
Party Role Details
Notification Rejection Details
Settlement Report Details

Authorised Signatories
BSC Party Details
Action Code
BSC Party Name
BSC Party Id
Party Role Details
Settlement Report Details
Authorised Signatories
Point Details
Action Code
Registration Status
Point Id
Point Type
Effective From Date
Effective To Date
BSC Party Agent Details
Agent Name
Agent Id
Agent Role Details
BM Unit Period Data
BM Unit Id
Information Imbalance Cashflow
BM Unit Period Non-Delivery Charge
Period FPN
Period BM Unit Balancing Services Volume
Period Information Imbalance Volume
Period Expected Metered Volume
BM Unit Metered Volume
Period BM Unit Non-Delivered Bid Volume
Period BM Unit Non-Delivered Offer Volume
Transmission Loss Factor
Transmission Loss Multiplier
Trading Unit Name
Total Trading Unit Metered Volume
BM Unit Applicable Balancing Services Volume
FPN Value Pair
BMU Period Bid-Offer Data
BMU Period Bid-Offer Acceptance
BM Unit MVR Information
BM Unit Period Data
BM Unit Id
Information Imbalance Cashflow
BM Unit Period Non-Delivery Charge
Period FPN
Period BM Unit Balancing Services Volume
Period Information Imbalance Volume
Period Expected Metered Volume
BM Unit Metered Volume
Period BM Unit Non-Delivered Bid Volume
Period BM Unit Non-Delivered Offer Volume
Transmission Loss Factor

Transmission Loss Multiplier
Trading Unit Name
Total Trading Unit Metered Volume
BM Unit Applicable Balancing Services Volume
FPN Value Pair
BMU Period Bid-Offer Data
BMU Period Bid-Offer Acceptance
BM Unit MVR Information
BM Unit Period Data
BM Unit Id
Information Imbalance Cashflow
BM Unit Period Non-Delivery Charge
Period FPN
Period BM Unit Balancing Services Volume
Period Information Imbalance Volume
Period Expected Metered Volume
BM Unit Metered Volume
Period BM Unit Non-Delivered Bid Volume
Period BM Unit Non-Delivered Offer Volume
Transmission Loss Factor
Transmission Loss Multiplier
Trading Unit Name
Total Trading Unit Metered Volume
BM Unit Applicable Balancing Services Volume
FPN Value Pair
BMU Period Bid-Offer Data
BMU Period Bid-Offer Acceptance
BM Unit MVR Information
BSC Party Header
Settlement Date
Settlement Run Type
SAA Run Number
SAA CDCA Run Number
SVAA CDCA Settlement Date
SVAA CDCA Run Number
SVAA SSR Run Number
BSC Party Id
Aggregate Party Day Charges
Settlement Period Header
BSC Party Header
Settlement Date
Settlement Run Type
SAA Run Number
SAA CDCA Run Number
SVAA CDCA Settlement Date
SVAA CDCA Run Number
SVAA SSR Run Number
BSC Party Id
Aggregate Party Day Charges
Settlement Period Header
BSC Party Header
Settlement Date

Settlement Run Type
SAA Run Number
SAA CDCA Run Number
SVAA CDCA Settlement Date
SVAA CDCA Run Number
SVAA SSR Run Number
BSC Party Id
Aggregate Party Day Charges
Settlement Period Header
BM Unit Period Information
BM Unit Id
Trading Unit Name
Period FPN
BM Unit Metered Volume
Transmission Loss Multiplier
BM Unit Applicable Balancing Services Volume
Maximum Export Limit Information
Maximum Import Limit Information
BM Unit Period Information
BM Unit Id
Trading Unit Name
Period FPN
BM Unit Metered Volume
Transmission Loss Multiplier
BM Unit Applicable Balancing Services Volume
Maximum Export Limit Information
Maximum Import Limit Information
BM Unit Period Information
BM Unit Id
Trading Unit Name
Period FPN
BM Unit Metered Volume
Transmission Loss Multiplier
BM Unit Applicable Balancing Services Volume
Maximum Export Limit Information
Maximum Import Limit Information
BM Unit Period Meter Volume
Settlement Period
Meter Volume
BSC Party Information
BSC Party Id
Aggregate Party Day Charges
BSC Party Information
BSC Party Id
Aggregate Party Day Charges
BSC Party Information
BSC Party Id
Aggregate Party Day Charges

BM Unit Registration Header
Action Description
Party Authentication Name
Party Authentication password
BM Unit Registration Header
Action Description
Party Authentication Name
Party Authentication password
BM Unit Registration
Action Code
BM Unit Id
BM Unit Type
Lead Party Id
NGC BM Unit Name
BM Unit Name
GSP Group Id
GSP Group Name
Trading Unit Name
Generation Capacity
Demand Capacity
Credit Assessment Load Factor
BM Unit Credit Assessment Import Capability
BM Unit Credit Assessment Export Capability
Production/Consumption Flag
Production/Consumption Status
Exempt Export Flag
Base TU Flag
Transmission Loss Factor
FPN Flag
Interconnector Id
Effective From Date
Effective To Date
BM Unit Registration
Action Code
BM Unit Id
BM Unit Type
Lead Party Id
NGC BM Unit Name
BM Unit Name
GSP Group Id
GSP Group Name
Trading Unit Name
Generation Capacity
Demand Capacity
Credit Assessment Load Factor
BM Unit Credit Assessment Import Capability
BM Unit Credit Assessment Export Capability
Production/Consumption Flag
Production/Consumption Status
Exempt Export Flag
Base TU Flag
Transmission Loss Factor
FPN Flag

Manual Credit Qualifying Flag
Credit Qualifying Status
Interconnector Id
Effective From Date
Effective To Date
BM Unit Registration
Action Code
BM Unit Id
BM Unit Type
Lead Party Id
NGC BM Unit Name
BM Unit Name
GSP Group Id
GSP Group Name
Trading Unit Name
Generation Capacity
Demand Capacity
Credit Assessment Load Factor
Supplier Export Credit Assessment Load Factor
BM Unit Credit Assessment Import Capability
BM Unit Credit Assessment Export Capability
Production/Consumption Flag
Production/Consumption Status
Exempt Export Flag
Base TU Flag
Transmission Loss Factor
FPN Flag
Manual Credit Qualifying Flag
Credit Qualifying Status
Interconnector Id
Effective From Date
Effective To Date
BM Unit Registration
Action Code
BM Unit Id
BM Unit Type
Lead Party Id
NGC BM Unit Name
BM Unit Name
GSP Group Id
GSP Group Name
Trading Unit Name
Generation Capacity
Demand Capacity
Working Day Credit Assessment Load Factor
Non-Working Day Credit Assessment Load Factor
Supplier Export Credit Assessment Load Factor
Working Day Bm Unit Credit Assessment Import Capability
Non-Working Day Bm Unit Credit Assessment Import Capability
Working Day Bm Unit Credit Assessment Export Capability
Non-Working Day Bm Unit Credit Assessment Export Capability
Production/Consumption Flag
Production/Consumption Status
Exempt Export Flag

Base TU Flag
Transmission Loss Factor
FPN Flag
Manual Credit Qualifying Flag
Credit Qualifying Status
Interconnector Id
Effective From Date
Effective To Date
BSC Service Agent Details
Action Description
Authentication Name
Authentication Password
Agent Name
Agent Id
Service Agent Role Details
BSC Service Agent Details
Action Code
Agent Name
Agent Id
Service Agent Role Details
BSC Service Agent Details
Agent Name
Agent Id
Service Agent Role Details
BM Unit Details
BM Unit Name
BM Unit Id
BM Unit Type
NGC BM Unit Name
Zone
National Grid Reference
GSP Group Id
Generation Capacity
Demand Capacity
Production/Consumption Flag
FPN Flag
Interconnector Id
Effective From Date
Effective To Date
BM Unit Details
BM Unit Name
BM Unit Id
BM Unit Type
NGC BM Unit Name
Zone
National Grid Reference
GSP Group Id
Generation Capacity
Demand Capacity
Production/Consumption Flag
Base TU Flag

FPN Flag
Interconnector Id
Effective From Date
Effective To Date
BM Unit Details
BM Unit Id
Effective From Date
Effective To Date
BM Unit Details
Action Code
Registration Status
BM Unit Name
BM Unit Id
BM Unit Type
NGC BM Unit Name
Zone
National Grid Reference
GSP Group Id
Generation Capacity
Demand Capacity
Transmission Loss Factor
Credit Assessment Load Factor
BM Unit Credit Assessment Import Capability
BM Unit Credit Assessment Export Capability
Production/Consumption Flag
Production/Consumption Status
Exempt Export Flag
Base TU Flag
FPN Flag
Interconnector Id
Effective From Date
Effective To Date
BM Unit Details
Action Code
Registration Status
BM Unit Name
BM Unit Id
BM Unit Type
NGC BM Unit Name
Zone
National Grid Reference
GSP Group Id
Generation Capacity
Demand Capacity
Transmission Loss Factor
Credit Assessment Load Factor
BM Unit Credit Assessment Import Capability
BM Unit Credit Assessment Export Capability
Production/Consumption Flag
Production/Consumption Status
Exempt Export Flag

Manual Credit Qualifying Flag
Credit Qualifying Status
Base TU Flag
FPN Flag
Interconnector Id
Effective From Date
Effective To Date
BM Unit Details
Action Code
Registration Status
BM Unit Name
BM Unit Id
BM Unit Type
NGC BM Unit Name
Zone
National Grid Reference
GSP Group Id
Generation Capacity
Demand Capacity
Transmission Loss Factor
Credit Assessment Load Factor
Supplier Export Credit Assessment Load Factor
BM Unit Credit Assessment Import Capability
BM Unit Credit Assessment Export Capability
Production/Consumption Flag
Production/Consumption Status
Exempt Export Flag
Manual Credit Qualifying Flag
Credit Qualifying Status
Base TU Flag
FPN Flag
Interconnector Id
Effective From Date
Effective To Date
BM Unit Details
Action Code
Registration Status
BM Unit Name
BM Unit Id
BM Unit Type
NGC BM Unit Name
Zone
National Grid Reference
GSP Group Id
Generation Capacity
Demand Capacity
Transmission Loss Factor
Working Day Credit Assessment Load Factor
Non-Working Day Credit Assessment Load Factor
Supplier Export Credit Assessment Load Factor
Working Day Bm Unit Credit Assessment Import Capability
Non-Working Day Bm Unit Credit Assessment Import Capability
Working Day Bm Unit Credit Assessment Export Capability
Non-Working Day Bm Unit Credit Assessment Export Capability

Production/Consumption Flag
Production/Consumption Status
Exempt Export Flag
Manual Credit Qualifying Flag
Credit Qualifying Status
Base TU Flag
FPN Flag
Interconnector Id
Effective From Date
Effective To Date
BM Unit Details
BM Unit Id
BM Unit Name
NGC BM Unit Name
BM Unit Details
Action Code
BM Unit Id
Effective From Date
Effective To Date
BM Unit Details
Action Code
BM Unit Id
Effective From Date
Effective To Date
BM Unit Details
Action Code
BM Unit Id
Effective From Date
Effective To Date
BM Unit Details
Action Code
BM Unit Id
Effective From Date
Effective To Date
BM Unit Credit Cover
BM Unit Id
Settlement Date
BM Unit Period Meter Volume
BM Unit data
BM Unit Id
BM Unit Period Data
BM Unit Period Information
BM Unit Id
Trading Unit Name
Period FPN
BM Unit Metered Volume
Transmission Loss Multiplier
BM Unit Applicable Balancing Services Volume

BM Unit Period Bid-Offer Information
Maximum Export Limit Information
Maximum Import Limit Information
BM Unit Period Information
BM Unit Id
Trading Unit Name
Period FPN
BM Unit Metered Volume
Transmission Loss Multiplier
BM Unit Applicable Balancing Services Volume
BM Unit Period Bid-Offer Information
Maximum Export Limit Information
Maximum Import Limit Information
BM Unit Period Information
BM Unit Id
Trading Unit Name
Period FPN
BM Unit Metered Volume
Transmission Loss Multiplier
BM Unit Applicable Balancing Services Volume
BM Unit Period Bid-Offer Information
Maximum Export Limit Information
Maximum Import Limit Information
BM Unit Period Data
Settlement Period
Energy Volume Reading
BM Unit Registration
Action Code
BM Unit Name
BM Unit Id
BM Unit Type
Lead Party Id
NGC BM Unit Name
Generation Capacity
Demand Capacity
Production/Consumption Flag
Transmission Loss Factor
Credit assessment Import Capability
Credit Assessment Export Capability
Effective From Date
Effective To Date
FPN Flag
GSP Group Id
GSP Group Name
Interconnector Id
BM Unit Registration
Action Code
BM Unit Name
BM Unit Id
BM Unit Type
Lead Party Id

NGC BM Unit Name
Generation Capacity
Demand Capacity
Production/Consumption Flag
Transmission Loss Factor
Credit assessment Import Capability
Credit Assessment Export Capability
Effective From Date
Effective To Date
FPN Flag
Credit Qualifying Status
Demand in Production Flag
GSP Group Id
GSP Group Name
Interconnector Id
BM Unit Registration
Action Code
BM Unit Name
BM Unit Id
BM Unit Type
Lead Party Id
NGC BM Unit Name
Generation Capacity
Demand Capacity
Production/Consumption Flag
Transmission Loss Factor
Working Day Credit assessment Import Capability
Non-Working Day Credit Assessment Import Capability
Working Day Credit Assessment Export Capability
Non-Working Day Credit Assessment Export Capability
Effective From Date
Effective To Date
FPN Flag
Credit Qualifying Status
Demand in Production Flag
GSP Group Id
GSP Group Name
Interconnector Id
BM Unit Metered Volume Data
BM Unit ID
Settlement Date
Settlement Period
Meter Volume
Point Details
Point Id
Credit Assessment Export Details
BM Unit Id
BM Unit Credit Assessment Export Capability
BM Unit Credit Assessment Import Capability
Effective From Date

Effective To Date
Credit Assessment Details
BM Unit Id
Working Day Bm Unit Credit Assessment Export Capability
Non-Working Day BM Unit Credit Assessment Export Capability
Working Day BM Unit Credit Assessment Import Capability
Non-Working Day BM Unit Credit Assessment Import Capability
Effective From Date
Effective To Date
CA Credited Energy Volume by BMU Type
Interconnector Credit Assessment Credited Energy Volume
Non Interconnector Credit Assessment Credited Energy Volume
CA Credited Energy Volume by BMU Type
FPN Derived Credit Assessment Credited Energy Volume
Non FPN Derived Credit Assessment Credited Energy Volume
Energy Contract Day volumes
Settlement Period
Energy Contract Volume
Energy Contract Volumes
Settlement Period
energy contract volume
Energy Contract Volumes
Settlement Period
energy contract volume
Credit Default Notification
BSC Party Id
Credit Default Level
Entered Default Settlement Day
Entered Default Settlement Period
Cleared Default Settlement Day
Cleared Default Settlement Period
Cleared Default Text
Credit/Debit
Settlement Date
Settlement Run Type
BSC Party
CRA Encryption Details
CRA Encryption Key
Effective From Date
Charges
Charge Type
Charge
Credit Limit Warning Data
BSC Party Id
BSC Party Name

Credit Limit Warning Data
BSC Party Id
BSC Party Name
Credit Limit Details
Effective From Settlement Date
Credit Limit
CM01 CVA MOA Serial 1 data
GSP Group ID
Number Of MSIDs For Which Proving Test Outstanding
Average Number Of Days Proving Test Outstanding
Count Of faults Outstanding
CM02 CVA MOA Serial 2 data
GSP Group ID
Number of MSIDs With Fault
Count Of Faults Identified
Average Number Of Days faults Outstanding
Average Number Of Days Taken To Resolve Fault
Channel Data
Channel Number
Meter Serial Number
Measurement Quantity
Estimated Meter Data
Channel Data
Channel Number
Measurement Quantity
Main/Check Indicator
Raw Meter Period Data
Channel Data
Channel Number
Measurement Quantity
Main/Check Indicator
Settlement Period Exceptions
Counter Party Details
ECV Party 1 Id
ECV Party 1 Name
ECV Party 1 Production/Consumption Flag
ECV Party 2 Id
ECV Party 2 Name
ECV Party 2 Production/Consumption Flag
ECVNAA
Counter Party Details
ECV Party 1 Id
ECV Party 1 Name
ECV Party 1 Production/Consumption Flag
ECV Party 2 Id
ECV Party 2 Name
ECV Party 2 Production/Consumption Flag

ECVNAA
Counter Party Details
ECV Party 1 Id
ECV Party 1 Name
ECV Party 1 Production/Consumption Flag
ECV Party 2 Id
ECV Party 2 Name
ECV Party 2 Production/Consumption Flag
Counter Party Details
ECV Party 1 Id
ECV Party 1 Name
ECV Party 1 Production/Consumption Flag
ECV Party 2 Id
ECV Party 2 Name
ECV Party 2 Production/Consumption Flag
Counter Party Details
ECV Party 1 Id
ECV Party 1 Name
ECV Party 1 Production/Consumption Flag
ECV Party 2 Id
ECV Party 2 Name
ECV Party 2 Production/Consumption Flag
Counter Party Details
ECV Party 1 Id
ECV Party 1 Name
ECV Party 1 Production/Consumption Flag
ECV Party 2 Id
ECV Party 2 Name
ECV Party 2 Production/Consumption Flag
Balancing Services Adjustment Action Data
Balancing Services Adjustment Action Id
Balancing Services Adjustment Action Cost
Balancing Services Adjustment Action Volume
Tagged Balancing Services Adjustment Action Volume
Repriced Balancing Services Adjustment Action Volume
Originally-Priced Balancing Services Adjustment Action Volume
Balancing Services Adjustment Action SO-Flag
Balancing Services Adjustment Action Data
Balancing Services Adjustment Action Id
Balancing Services Adjustment Action Cost
Balancing Services Adjustment Action Volume
Tagged Balancing Services Adjustment Action Volume
Repriced Balancing Services Adjustment Action Volume
Originally-Priced Balancing Services Adjustment Action Volume
Balancing Services Adjustment Action SO-Flag
Balancing Services Adjustment Action Stor Provider Flag
Reserve Scarcity Price Flag
Balancing Services Adjustment Action Data
Balancing Services Adjustment Action Id

Balancing Services Adjustment Action Cost
Balancing Services Adjustment Action Volume
Tagged Balancing Services Adjustment Action Volume
Repriced Balancing Services Adjustment Action Volume
Originally-Priced Balancing Services Adjustment Action Volume
Balancing Services Adjustment Action SO-Flag
Balancing Services Adjustment Action Data
Balancing Services Adjustment Action Id
Balancing Services Adjustment Action Cost
Balancing Services Adjustment Action Volume
Tagged Balancing Services Adjustment Action Volume
Repriced Balancing Services Adjustment Action Volume
Originally-Priced Balancing Services Adjustment Action Volume
Balancing Services Adjustment Action SO-Flag
Balancing Services Adjustment Action Stor Provider Flag
Reserve Scarcity Price Flag
Demand Control Instructions
Affected Dso
Demand Control Identification Number
Instruction Sequence
Demand Control Event Flag
From Time
To Time
Volume
So-Flag
Amendment Flag
Data Outside Limits
Outstation Id
Meter Serial Number
Meter Register ID
Channel Number
Metering Subsystem ID
Measurement Quantity
Minimum Outstation Channel Limit
Maximum Outstation Channel Limit
Data Outside Limits Period Data
Data Outside Limits Period Data
Settlement Period
Meter Volume
Day Start Indebtedness Data
Actual Energy Indebtedness
Cumulative CA Energy Indebtedness
Actual Energy Indebtedness Dates
Day Start Indebtedness Data
Actual Energy Indebtedness
Metered Energy Indebtedness
Cumulative CA Energy Indebtedness
Actual Energy Indebtedness Dates
Metered Energy Indebtedness Dates

ECVNAA
ECVNA Id
ECVNA Name
Effective From Date
Effective To Date
ECVNAA Id
ECVNAA
ECVNA Id
ECVNA Name
Effective From Date
Effective To Date
ECVNAA Id
ECVNAA Optional Details
Energy Account Data
Production/Consumption Flag
Originator ECVNAA Data
Originator MVRNAA data
ECVNAA Details
ECVNAA Id
ECVNAA Key
Effective From Date
ECVNAA Details
ECVNAA Id
ECVNAA Key
Effective From Date
ECVNAA Details
ECVNAA Id
ECVNAA Key
Effective From Date
ECVNAA Header
Report Start Date
Report End Date
ECVNAA Header
Report Start Date
Report End Date
ECVNAA Request
ECVNA Id
ECVNA Name
ECVNAA Id
Effective From Date
Effective To Date
ECVNAA Request
ECVNA Id
ECVNA Name
ECVNAA Id

Associated VNNR Indicator
Effective From Date
Effective To Date
ECVNAA Request
ECVNA Id
ECVNA Name
ECVNA Id 2
ECVNA Name 2
ECVNAA Id
Associated VNNR Indicator
Report Requirement
Effective From Date
Effective To Date
ECVNAA Request
Authorization Change
ECVNA Id
ECVNA Name
ECVNA Id 2
ECVNA Name 2
ECVNAA Id
Associated VNNR Indicator
Report Requirement
Effective From Date
Effective To Date
Notification Amendment Type
Notification Amendment Type Effective From Date
ECVN Data
ECVN ECVNAA Id
ECVN Reference Code
ECVN Detail Data
ECVN Data
ECVN ECVNAA Id
ECVN Reference Code
Energy Contract Volume
ECVNA Id
ECVNAA Id
ECV Party 1 Id
ECV Party 1 Name
ECV Party 1 P/C Flag
ECV Party 2 Id
ECV Party 2 Name
ECV Party 2 P/C Flag
ECVN Data
ECVN ECVNAA Id
ECVN Reference Code
Energy Contract Volume
ECVNA Id
ECVNAA Id
ECV Party 1 Id
ECV Party 1 Name
ECV Party 1 P/C Flag

ECV Party 2 Id
ECV Party 2 Name
ECV Party 2 P/C Flag
ECVN Period Data
From Settlement Period
To Settlement Period
Energy Contract Volume
ECVN Acceptance
ECVNA Id
ECVNAA Id
ECVN ECVNAA Id
ECVN Reference Code
Effective From Date
Effective To Date
First Effective Period
File Name
Sequence Number
Transaction
Energy Contract Volumes
ECVN Acceptance
ECVNA Id
ECVNAA Id
ECVN ECVNAA Id
ECVN Reference Code
Effective From Date
Effective To Date
First Effective Period
File Name
Sequence Number
Transaction
Energy Contract Volumes
Matched Contract Dates
ECVN Detail Data
ECVN Effective From Date
ECVN Effective To Date
ECVNA Id
ECVNAA Id
ECVNAA Effective From Date
ECVNAA Effective To Date
ECVN Period Data
ECVNs
ECVNAA Id
ECVNAA Key
ECVN ECVNAA Id
ECVN Reference Code
Effective From Date
Effective To Date
Omitted Data No Change
Energy Contract Volumes
Energy Contract Day rejection

ECVNA Id
ECVNAA Id
ECVN ECVNAA Id
ECVN Reference Code
Effective From Date
Effective To Date
rejection reason
Energy Contract Day volumes
Interconnector Details
Action Code
Interconnector Id
Interconnector Error Administrator Data
Interconnector Details
Interconnector Id
Interconnector Error Administrator Data
Interconnector Details
Action Code
Registration Status
Interconnector Name
Additional Details
Interconnector Id
Effective From Date
Effective To Date
Processed Meter Data - Period
Settlement Period
Estimate Indicator
Meter Volume
Import/Export Indicator
ECVNAA Optional Details
ECVNA Id 2
ECVNA Name 2
Report Requirement
Interconnector Period Data
Interconnector Id
Processed Meter Data - Period
ECVNAA Request
ECVNA Id
ECVNA Name
Effective From Date
Effective To Date
ECVNAA Request
ECVNA Id
ECVNA Name
Effective From Date
Effective To Date
ECVNAA Request
ECVNA Id

ECVNA Name
Effective From Date
Effective To Date
Notification Amendment Type
ECVNAA Additional Details
ECVNA Id 2
ECVNA Name 2
Report Requirement
ECVNAA Additional Details
ECVNA Id 2
ECVNA Name 2
Report Requirement
Exception report
Exception Type
Exception Description
Exception Report - header of file being processed
File Type
Creation Time
From Role Code
From Participant Id
To Role Code
To Participant Id
Sequence Number
Test Data Flag
Forecast Costs
Settlement Date
BSC Co Forecast Cost
Forward Contract Header
Report Start Date
Report End Date
Report Snapshot Time
Transaction
Report Start Period
Energy Account Data
FPN Value Pair
Time from
FPN Value From
Time To
FPN Value To
FPN Value Pair
Time from
FPN Value From
Time To
FPN Value To
FPN Value Pair
Time from
FPN Value From

Time To
FPN Value To
FPN Value Pair
Time from
FPN Value From
Time To
FPN Value To
FPN Value Pair
Time from
FPN Value From
Time To
FPN Value To
FPN Value Pair
Time from
FPN Value From
Time To
FPN Value To
GSP Group Details
GSP Group Id
Settlement Date
Settlement Run Type
CDCA Run Number
Aggregation Date
GSP Details
GSP Group Details
GSP Group Id
GSP Group Name
Effective From Date
Effective To Date
GSP Group Details
GSP Group Id
GSP Group Name
GSP Group Details
Action Code
Registration Status
GSP Group Id
GSP Group Name
Effective From Date
Effective To Date
GSP Group Registration
Action Code
GSP Group Id
GSP Group Name
Distributor BSC Party Id
Effective From Date
Effective To Date
GSP Group Registration

Action Code
GSP Group Id
GSP Group Name
Distributor BSC Party Id
Effective From Date
Effective To Date
GSP Group Registration
Action Code
GSP Group Id
GSP Group Name
Distributor BSC Party Id
Effective From Date
Effective To Date
Processed Meter Data - Period
Settlement Period
Estimate Indicator
Meter Volume
Import/Export Indicator
GSP Details
GSP Id
Effective From Date
Effective To Date
GSP Details
GSP Id
GSP Period Data
GSP Id
Processed Meter Data - Period
GSP Details
Action Code
Registration Status
GSP Id
Effective From Date
Effective To Date
GSP Metered Volume Data
GSP ID
Settlement Date
Settlement Period
Meter Volume
GSP Group Registration Header
Action Description
Party Authentication Name
Party Authentication Password
GSP Group Takes
Settlement Period
Filler 6
GSP Group Take

GSP Group Ids
GSP Group Id
Supplier Detail
GSP Group Ids
GSP Group Id
Supplier Detail
GSP Group Ids
GSP Group Id
Supplier Detail
GSP Group Ids
GSP Group Id
Supplier Detail
GSP Details
GSP Id
Settlement Period Volume
Header of file being processed
File Type
Creation Time
From Role Code
From Participant Id
To Role Code
To Participant Id
Sequence Number
Test Data Flag
Additional Header
SSR Run Date
CDCA Run Number
CDCA Settlement Date
Additional Header
Filler 3
Filler 4
Filler 5
GSP Group Takes
Header of NGC file being processed
NGC Filename
Interconnector Administrator Details
Action Description
Party Authentication Name
Party Authentication Password
Interconnector Administrator Id
Interconnector Details
Interconnector Administrator Details
Action Code
Registration Status
Interconnector Administrator Id
Interconnector Details

Imbalance Volumes
Ranking
BSC Party Id
Imbalance Volume
Interconnector Details
Interconnector Name
Additional Details
Interconnector Id
Effective From Date
Effective To Date
Interconnector Metered Volume Data
Interconnector ID
Settlement Date
Settlement Period
Meter Volume
Indebtedness Data
Credited Energy Volume
Aggregated Energy Contract Volume
Cumulative CA Energy Indebtedness
Energy Indebtedness
Credit Cover Percentage
Credit Limit
CA Credited Energy Volume by BMU Type
Account Energy Data
Indebtedness Data
Credited Energy Volume
Aggregated Energy Contract Volume
Cumulative CA Energy Indebtedness
Energy Indebtedness
Credit Cover Percentage
Credit Limit
CA Credited Energy Volume by BMU Type
Account Energy Data
Interconnector Deemed Metered Amounts
Interconnector Id
Settlement Date
BM Unit data
Interconnector Error Administrator Data
Interconnector Error Administrator Id
Effective From Date
Effective To Date
Interconnector Error Administrator Details
Interconnector Id
Effective From Date
Effective To Date
Interconnector Error Administrator Data
Action Code

Interconnector Error Administrator Id
Effective From Date
Effective To Date
Inter-GSP-Group Connection Details
Inter-GSP-Group Connection Id
Effective From Date
Effective To Date
Inter-GSP-Group Connection Details
Inter-GSP-Group Connection Id
Inter-GSP-Group Connection Details
Action Code
Registration Status
Inter-GSP-Group Connection Id
Effective From Date
Effective To Date
Processed Meter Data - Period
Settlement Period
Estimate Indicator
Meter Volume
Import/Export Indicator
Inter-GSP-Group Connection Period Data
Inter-GSP-Group Connection Id
Processed Meter Data - Period
Interconnector Registration Details
Action Code
Interconnector Id
Interconnector Administrator Id
Interconnector Error Administrator Id
Effective From Date
Effective To Date
Interconnector Registration Details
Action Code
Interconnector Id
Interconnector Administrator Id
Interconnector Error Administrator Id
Effective From Date
Effective To Date
Interconnector Registration Details
Action Code
Interconnector Id
Interconnector Administrator Id
Interconnector Error Administrator Id
Effective From Date
Effective To Date
Interconnector Registration Details
Action Code
Interconnector Id

Interconnector Administrator Id
Interconnector Error Administrator Id
Effective From Date
Effective To Date
Interconnector Registration Details
Action Code
Interconnector Id
Interconnector Administrator Id
Interconnector Error Administrator Id
Effective From Date
Effective To Date
Interconnector Error Administration Details
Action Code
Interconnector Id
Effective From Date
Effective To Date
BM Unit Group Details
Joint BM Unit Id
Effective From Date
Effective To Date
BM Unit Group Member
BM Unit Group Details
Joint BM Unit Id
Effective From Date
Effective To Date
BM Unit Group Member
BM Unit Group Details
Action Code
Joint BM Unit Id
Effective From Date
Effective To Date
BM Unit Group Member
BM Unit Group Details
Action Code
Joint BM Unit Id
Effective From Date
Effective To Date
BM Unit Group Member
BM Unit Group Details
Action Code
Joint BM Unit Id
Effective From Date
Effective To Date
BM Unit Group Member
BM Unit Group Details
Action Code
Joint BM Unit Id
Effective From Date

Effective To Date
BM Unit Group Member
BM Unit Group Member
Action Code
BM Unit Id
BM Unit Group Member
Action Code
BM Unit Id
BM Unit Group Member
Action Code
BM Unit Id
BM Unit Group Member
Action Code
BM Unit Id
BM Unit Group Member
Action Code
BM Unit Id
BM Unit Group Member
BM Unit Id
BM Unit Group Member
BM Unit Id
BM Unit Group Details
Action Code
Joint BM Unit Id
Effective From Date
Effective To Date
BM Unit Group Member
BM Unit Group Details
Action Code
Joint BM Unit Id
Effective From Date
Effective To Date
BM Unit Group Member
BM Unit Group Details
Action Code
Joint BM Unit Id
Effective From Date
Effective To Date
BM Unit Group Member
BM Unit Group Details
Action Code
Joint BM Unit Id
Effective From Date
Effective To Date
BM Unit Group Member

BM Unit Group Details
Action Code
Joint BM Unit Id
Effective From Date
Effective To Date
BM Unit Group Member
Line Loss Factors
Settlement Period
Line Loss Factor
Lead Subsidiary Party Pair Details
BM Unit Id
Lead Party Id
Lead Party Name
Lead Party Production/Consumption Flag
subsIdiary Party Id
Subsidiary Party Name
Subsidiary Party Production/Consumption Flag
MVRNAA
Lead Subsidiary Party Pair Details
BM Unit Id
Lead Party Id
Lead Party Name
Lead Party Production/Consumption Flag
subsIdiary Party Id
Subsidiary Party Name
Subsidiary Party Production/Consumption Flag
MVRNAA
Lead Subsidiary Party Pair Details
BM Unit Id
Lead Party Id
Lead Party Name
Lead Party Production/Consumption Flag
Subsidiary Party Id
Subsidiary Party Name
Subsidiary Party Production/Consumption Flag
Lead Subsidiary Party Pair Details
BM Unit Id
Lead Party Id
Lead Party Name
Lead Party Production/Consumption Flag
Subsidiary Party Id
Subsidiary Party Name
Subsidiary Party Production/Consumption Flag
Lead Subsidiary Party Pair Details
BM Unit Id
Lead Party Id
Lead Party Name
Lead Party Production/Consumption Flag

Subsidiary Party Id
Subsidiary Party Name
Subsidiary Party Production/Consumption Flag
MVRNAA request
MVRNA Id
MVRNA Name
Effective From Date
Effective To Date
MVRNAA request
MVRNA Id
MVRNA Name
Effective From Date
Effective To Date
MVRNAA
MVRNA Id
MVRNA Name
Effective From Date
Effective To Date
MVRNAA Id
MVRNAA
MVRNA Id
MVRNA Name
Effective From Date
Effective To Date
MVRNAA Id
MVRNAA Optional Details
MVRNAA Details
MVRNAA Id
MVRNAA Key
Effective From Date
MVRNAA Details
MVRNAA Id
MVRNAA Key
Effective From Date
MVRNA Header
Report Start Date
Report End Date
MVRNA Header
Report Start Date
Report End Date
Meter Volume Reallocations
MVRNA Id
MVRNA Name
MVRNAA Id
Effective From Date

Effective To Date
Meter Volume Reallocations
MVRNA Id
MVRNA Name
MVRNAA Id
Associated VNNR Indicator
Effective From Date
Effective To Date
Meter Volume Reallocations
MVRNA Id
MVRNA Name
MVRNA Id 2
MVRNA Name 2
MVRNAA Id
Associated VNNR Indicator
Report Requirement
Effective From Date
Effective To Date
Main/Check Discrepancies
Outstation Id
Meter Serial Number
Meter Register ID
Channel Number
Check Outstation Id
Check Meter Serial Number
Check Meter Register ID
Check Channel Number
Metering Subsystem ID
Measurement Quantity
Meter Reading Difference
Percentage of Main Reading
Market Index Data Period Information
Market Index Data Provider ID
Individual Liquidity Threshold
Market Index Price
Market Index Volume
Market Index Data Period Information
Market Index Data Provider ID
Individual Liquidity Threshold
Market Index Price
Market Index Volume
Market Index Data Period Information
Market Index Data Provider ID
Individual Liquidity Threshold
Market Index Price
Market Index Volume
Market Index Data Information
Market Index Data Provider ID
Individual Liquidity Threshold

Market Index Price
Market Index Volume
Market Index Data Information
Market Index Data Provider ID
Individual Liquidity Threshold
Market Index Price
Market Index Volume
Market Index Data Information
Market Index Data Provider ID
Individual Liquidity Threshold
Market Index Price
Market Index Volume
MVRN detail data
MVRN Effective From Date
MVRN Effective To Date
MVRNA Id
MVRNAA Id
MVRNAA Effective From Date
MVRNAA Effective To Date
MVRN Period Data
Market Index Data Provider
Action Code
Market Index Data Provider Name
Market Index Data Provider ID
Market Index Data Provider Effective Dates
Market Index Data Provider
Action Code
Market Index Data Provider Name
Market Index Data Provider ID
Market Index Data Provider Effective Dates
Matched Contract Volumes
Settlement Period
Recipient Contract Volume
Counterparty Contract Volume
Matched Contract Volume
Market Index Data Provider Effective Dates
Action Code
Provider Effective From Settlement Date
Provider Effective To Settlement Date
Market Index Data Provider Effective Dates
Action Code
Provider Effective From Settlement Date
Provider Effective To Settlement Date
Metered Energy Indebtedness Dates
From Settlement Date
To Settlement Date

Maximum Export Limit Information
Time From
Level From
Time To
Level To
Maximum Export Limit Information
Time From
Level From
Time To
Level To
Maximum Export Limit Information
Time From
Level From
Time To
Level To
Matched Contract Dates
Settlement Date
Matched Contract Volumes
Market Index Data
Market Index Data Provider ID
Settlement Date
Settlement Period Market Index Data
Market Index Data
Market Index Data Provider ID
Settlement Date
Settlement Period Market Index Data
Maximum Import Limit Information
Time From
Level From
Time To
Level To
Maximum Import Limit Information
Time From
Level From
Time To
Level To
Maximum Import Limit Information
Time From
Level From
Time To
Level To
Settlement Period Market Index Data
Settlement Period
Market Index Price
Market Index Volume
Traded Price
Traded Volume

Matched Reallocation Dates
Settlement Date
Matched Reallocations
Matched Reallocations
Settlement Period
Recipient MV Fixed Reallocation
Recipient MV Percentage Reallocation
Counterparty MV Fixed Reallocation
Counterparty MV Percentage Reallocation
Matched MV Fixed Reallocation
Matched MV Percentage Reallocation
MVRNAA Optional Details
MVRNA Id 2
MVRNA Name 2
Report Requirement
Meter Period Data for Distribution Area
GSP Group Id
Settlement Date
Settlement Run Type
CDCA Run Number
Date of Aggregation
GSP Period Data
Interconnector Period Data
Inter-GSP-Group Connection Period Data
MVRNAA Additional Details
MVRNA Id 2
MVRNA Name 2
Report Requirement
MVR Notification Report Header
Settlement Date
ECVAA Run Number
Metering System Details
Metering System Id
Meter Operator Agent Id
Effective From Date
Effective To Date
Metering System Details
Action Code
Registration Status
Metering System Id
Meter Operator Agent Id
Effective From Date
Effective To Date
Metering System Details
Metering System Id
Metering System Data

Settlement Date
Outstation Data
Metering System Details
Action Code
Metering System Id
BSC Party Id
Meter Operator Agent Id
Effective From Date
Effective To Date
Metering System Exceptions
Metering System Id
Settlement Date Exceptions
Message Details
Action Description
Authorised Signatory
Password
Metering System Registration Header
Action Description
Party Authentication Name
Party Authentication Password
Metering System Exceptions
Metering System Id
Metering Equipment Location
Outstation Download Failures
Outstation Alarms
Main/Check Discrepancies
Primary/Secondary Discrepancies
Data Outside Limits
Metering System Line Loss Factors
Metering System Id
Settlement Date Details
MVR reallocations
Settlement Period
Metered Volume Fixed Reallocation
Metered Volume Percentage Reallocation
MVR reallocations
Settlement Period
Metered Volume Fixed Reallocation
Metered Volume Percentage Reallocation
MVR reallocations
Settlement Period
Metered Volume Fixed Reallocation
Metered Volume Percentage Reallocation
MVRN Data
MVRN MVRNAA Id
MVRN Reference Code

Metered Volume Fixed Reallocation
Metered Volume Percentage Reallocation
MVRNA Id
MVRNAA Id
BM Unit Id
Lead Party Id
Lead Party Name
Lead Party Production/Consumption Flag
Subsidiary Party Id
Subsidiary Party Name
Subsidiary Party Production/Consumption Flag
MVRN Data
MVRN MVRNAA Id
MVRN Reference Code
Metered Volume Fixed Reallocation
Metered Volume Percentage Reallocation
MVRNA Id
MVRNAA Id
BM Unit Id
Lead Party Id
Lead Party Name
Lead Party Production/Consumption Flag
Subsidiary Party Id
Subsidiary Party Name
Subsidiary Party Production/Consumption Flag
MVRN Acceptance
MVRNA Id
MVRNAA Id
MVRN MVRNAA Id
MVRN Reference Code
Effective From Date
Effective To Date
First Effective Period
File Name
Sequence Number
Transaction
MVR reallocations
MVRN Acceptance
MVRNA Id
MVRNAA Id
MVRN MVRNAA Id
MVRN Reference Code
Effective From Date
Effective To Date
First Effective Period
File Name
Sequence Number
Transaction
MVR reallocations
Matched Reallocation Dates
MVRN data
MVRN MVRNAA Id

MVRN Reference Code
MVRN detail data
MVRNs
MVRNAA Id
MVRNAA key
MVRN MVRNAA Id
MVRN Reference Code
Effective From Date
Effective To Date
Omitted Data No Change
MVR reallocations
MVRN Period Data
From Settlement Period
To Settlement Period
Metered Volume Fixed Reallocation
Metered Volume Percentage Reallocation
BM Unit MVR Information
BSC Party Id
Production/Consumption Flag
Credited Energy Volume
Fixed Metered Volume Reallocation
Percentage Metered Volume Reallocation
BM Unit MVR Information
BSC Party Id
Production/Consumption Flag
Credited Energy Volume
Fixed Metered Volume Reallocation
Percentage Metered Volume Reallocation
BM Unit MVR Information
BSC Party Id
Production/Consumption Flag
Credited Energy Volume
Fixed Metered Volume Reallocation
Percentage Metered Volume Reallocation
MVR rejections
MVRNA Id
MVRNAA Id
MVRN MVRNAA Id
MVRN Reference Code
Effective From Date
Effective To Date
Rejection Reason
MVR reallocations
Notification Header
Settlement Date
ECVAA Run Number
Day Start Indebtedness Data
Settlement Period Data
Credit Limit Warning Data

Notification Header
Settlement Date
ECVAA Run Number
Day Start Indebtedness Data
Settlement Period Data
Credit Limit Warning Data
Number of Trades
Ranking
BSC Party Id
Number Of Trades
Volume Of Trades
Notification Rejection Details
Action Code
Permit Notification Rejection Flag
Effective From Date
Notification Rejection Details
Action Code
Permit Notification Rejection Flag
Effective From Date
Outstation Download Failures
Outstation Id
Days since last successful outstation download
Originator ECVNAA Data
ECVNAA Id
ECVNA Id
ECVNAA BSC Party Sequence
Other BSC Party Id
Other BSC Party P/C Flag
ECVNAA Effective From Date
ECVNAA Effective To Date
ECVN Data
Originator MVRNAA data
MVRNAA Id
MVRNA Id
BM Unit Id
Lead or Subsidiary Indicator
Other BSC Party Id
Other BSC Party P/C Flag
MVRNAA Effective From Date
MVRNAA Effective To Date
MVRN data
Outstation Data
Outstation Id
Channel Data
Outstation Data
Outstation Id
Channel Data

Outstation Alarms
Outstation Id
Channel Number
Outstation Alarm Code
From Settlement Period
To Settlement Period
Outstation Data
Outstation Id
Channel Data
Omitted Data No Change
No Change to Existing Data
BSC Party Agent Details
Action Code
Agent Name
Agent Id
Agent Role Details
Authorisation Levels
Action Code
Activity
Effective From Date
Effective To Date
Authorisation Levels
Action Code
Activity
Effective From Date
Effective To Date
Authorisation Levels
Action Code
Activity
Effective From Date
Effective To Date
Authorised Signatories
Action Code
Signatory Name
Password
Contact Phone No
E-Mail Address
Authorisation Levels
Authorised Signatories
Action Code
Signatory Name
Password
Contact Phone No
E-Mail Address
Authorisation Levels
Authorised Signatories

Action Code
Signatory Name
Password
Contact Phone No
E-Mail Address
Authorisation Levels
P/C Details
Production/Consumption Flag
Settlement Period Details
BSC Party Details
BSC Party Id
Metering System Exceptions
BSC Party Details
BSC Party Id
Report Raw Meter Data
BSC Party Details
BSC Party Id
Report Raw Meter Data
BSC Party Details
BSC Party Id
Credit Limit Details
BSC Party Details
Action Description
Party Authentication Name
Party Authentication Password
BSC Party Name
BSC Party Id
Party Authentication Key Details
Party Role Details
Stage 2 Participant Details
Authorised Signatories
Settlement Report Details
Interconnector Error Administrator Details
BSC Party Details
Action Code
BSC Party Name
BSC Party Id
Party Role Details
Stage 2 Participant Details
Authorised Signatories
Settlement Report Details
Interconnector Error Administration Details
BSC Party Details
BSC Party Id
BSC Party Name
BSC Party Details
BSC Party Id

Metering System Exceptions
Proportion Of Losses Data
Action Code
Proportion of Losses
Effective From Date
Proportion Of Losses Data
Action Code
Proportion of Losses
Effective From Date
Proportion Of Losses Data
Action Code
Proportion of Losses
Effective From Date
Proportion Of Losses Data
Action Code
Proportion of Losses
Effective From Date
Proportion Of Losses Data
Action Code
Proportion of Losses
Effective From Date
Aggregate Party Period Charges
BSSC Limited Cost Allocation
BM Unit Cashflow
Energy Imbalance Cashflow
Information Imbalance Cashflow
Non-Delivery Charge
Residual Cashflow Reallocation Charge
Aggregate Party Period Charges
BSSC Limited Cost Allocation
BM Unit Cashflow
Energy Imbalance Cashflow
Information Imbalance Cashflow
Non-Delivery Charge
Residual Cashflow Reallocation Charge
Aggregate Party Period Charges
BSSC Limited Cost Allocation
BM Unit Cashflow
Energy Imbalance Cashflow
Information Imbalance Cashflow
Non-Delivery Charge
Residual Cashflow Reallocation Charge
Party Role Details
Action Code
BSC Party Type
Registration Effective From Date
Registration Effective To Date

Role Address Details
Party Role Details
Action Code
BSC Party Type
Registration Effective From Date
Registration Effective To Date
Role Address Details
Party Role Details
Action Code
BSC Party Type
Registration Effective From Date
Registration Effective To Date
Role Address Details
Party Role Details
Action Code
Party Type
Registration Status
Registration Effective From Date
Registration Effective To Date
Role Address Details
Party Role Details
Party Type
Registration Effective From Date
Registration Effective To Date
Role Address Details
Primary/Secondary Discrepancies
Outstation Id
Channel Number
Secondary Outstation Id
Secondary Channel Number
Meter Serial Number
Meter Register ID
Metering Subsystem ID
Measurement Quantity
Primary/Secondary Period Data
Primary/Secondary Period Data
Settlement Period
Meter Reading Difference
Percentage of Primary Reading
Party Details
BSC Party Id
P/C Details
BSC Party
BSC Party Id
Charges
Publication Details
Publication Date-Time

Role Address Details
Address Line 1
Address Line 2
Address Line 3
Address Line 4
Address Line 5
Address Line 6
Address Line 7
Address Line 8
Address Line 9
Post Code
Telephone No
Fax No
E-Mail Address
Role Address Details
Address Line 1
Address Line 2
Address Line 3
Address Line 4
Address Line 5
Address Line 6
Address Line 7
Address Line 8
Address Line 9
Post Code
Telephone No
Fax No
E-Mail Address
Role Address Details
Action Code
Address Line 1
Address Line 2
Address Line 3
Address Line 4
Address Line 5
Address Line 6
Address Line 7
Address Line 8
Address Line 9
Post Code
Telephone No
Fax No
E-Mail Address
Role Address Details
Action Code
Address Line 1
Address Line 2
Address Line 3
Address Line 4
Address Line 5
Address Line 6
Address Line 7

Address Line 8
Address Line 9
Post Code
Telephone No
Fax No
E-Mail Address
Role Address Details
Action Code
Address Line 1
Address Line 2
Address Line 3
Address Line 4
Address Line 5
Address Line 6
Address Line 7
Address Line 8
Address Line 9
Post Code
Telephone No
Fax No
E-Mail Address
Role Address Details
Action Code
Address Line 1
Address Line 2
Address Line 3
Address Line 4
Address Line 5
Address Line 6
Address Line 7
Address Line 8
Address Line 9
Post Code
Telephone No
Fax No
E-Mail Address
Role Address Details
Address Line 1
Address Line 2
Address Line 3
Address Line 4
Address Line 5
Address Line 6
Address Line 7
Address Line 8
Address Line 9
Post Code
Telephone No
Fax No
E-Mail Address
Service Agent Role Details
Action Code

Agent Type
Effective From Date
Effective To Date
Role Address Details
Report Details
User Name
Report Parameters
Report Raw Meter Data
Metering System Id
Raw Meter Day Data
Estimated Meter Data
Settlement Period
Original Meter Reading
Estimated Meter Volume
Estimation Method
Estimate Agreed Indicator
Report Raw Meter Data
Metering System Id
Metering System Data
Raw Meter Period Data
Settlement Period
Meter Reading Volume
Meter Reading Status
Raw Meter Day Data
Settlement Date
Outstation Data
Registration Report Header
Requesting Registrant
Registration Type
Registration Report Header
Requesting Registrant
Registration Type
Registration Report Header
Requesting Registrant
Registration Type
Registration Report Header
Requesting Registrant
Registration Type
Registration Report Header
Requesting Registrant
Registration Type
Registration Report Header
Requesting Registrant
Registration Type

Role Address Details
Action Code
Address Line 1
Address Line 2
Address Line 3
Address Line 4
Address Line 5
Address Line 6
Address Line 7
Address Line 8
Address Line 9
Post Code
Telephone No
Fax No
E-Mail Address
Role Address Details
Action Code
Address Line 1
Address Line 2
Address Line 3
Address Line 4
Address Line 5
Address Line 6
Address Line 7
Address Line 8
Address Line 9
Post Code
Telephone No
Fax No
E-Mail Address
Role Address Details
Action Code
Address Line 1
Address Line 2
Address Line 3
Address Line 4
Address Line 5
Address Line 6
Address Line 7
Address Line 8
Address Line 9
Post Code
Telephone No
Fax No
E-Mail Address
Role Address Details
Action Code
Address Line 1
Address Line 2
Address Line 3
Address Line 4
Address Line 5

Address Line 6
Address Line 7
Address Line 8
Address Line 9
Post Code
Telephone No
Fax No
E-Mail Address
Role Address Details
Address Line 1
Address Line 2
Address Line 3
Address Line 4
Address Line 5
Address Line 6
Address Line 7
Address Line 8
Address Line 9
Post Code
Telephone No
Fax No
E-Mail Address
Sample Settlement date and Periods
Load Period Name
Settlement Date
Settlement Period
Total Number Of Sample Settlement Periods In Load Period
Total Number Of Settlement Periods In Load Period
Subject Participant Header
Market Sector
Market Participant Role Code
Meter Operator Agent ID
Period End Date
Periodicity
CM01 CVA MOA Serial 1 data
Subject Participant Header
Market Sector
Market Participant Role Code
Meter Operator Agent ID
Period End Date
Periodicity
CM02 CVA MOA Serial 2 data
Settlement Calendar Details
Settlement Date
Settlement Run Type
CVA Run Date
SVA Run Date
Settlement Run Date
Notification Date
Payment Date
Notification Period

Payment Period
Elapsed Days SAA After Settlement
Working Days SAA After Settlement
Working Days SAA Before Notification
Section D CRA data
Month
BSC Party id
Bsc Party Name
Count of CVA Metering Systems
Count of CVA BM Units
Count of SVA Base BM Units
Count of SVA additional BM Units
Count of SVA Replacement Base BM Units
Count of SVA Replacement additional BM Units
Section D CRA data
Month
BSC Party id
Bsc Party Name
Count of CVA Metering Systems
Count of CVA BM Units
Count Of CVA Exempt Export BM Units
Count of SVA Base BM Units
Count of SVA additional BM Units
Count of SVA Replacement Base BM Units
Count of SVA Replacement additional BM Units
Count of SVA Exempt Export BM Units
Trading Unit Settlement Details
Settlement Date
Settlement Run Type
Settlement Period Trading Unit Meter Voume Data
Settlement Date Exceptions
Settlement Date
Outstation Data
Section D SAA data
Month
BSC Party id
Bsc Party Name
Production/Consumption Flag
Volume
Section D ECVAA data
Month
BSC Party id
Bsc Party Name
Gross Contract Volume
Settlement Date Exceptions
Settlement Date
BSC Party Details

Settlement Period Details
Settlement Period
Metered Volume Fixed Reallocation
Metered Volume Percentage Reallocation
Settlement Period Header
Settlement Period
Aggregate Party Period Charges
System Period Data
Account Period Data
BM Unit Period Data
Settlement Period Header
Settlement Period
Aggregate Party Period Charges
System Period Data
Balancing Services Adjustment Action Data
Account Period Data
BM Unit Period Data
Settlement Period Header
Settlement Period
Aggregate Party Period Charges
System Period Data
Balancing Services Adjustment Action Data
Account Period Data
BM Unit Period Data
Settlement Period Data
Settlement Period
ECVN Data
MVRN Data
Indebtedness Data
Settlement Period Data
Settlement Period
ECVN Data
MVRN Data
Indebtedness Data
Stage 2 Participant Details
Action Code
Stage 2 Participant Id
Settlement Period Details
Settlement Period
Account Bilateral Contract Volume
Settlement Period Exceptions
Settlement Period
Meter Reading Volume
Meter Reading Status
Exception Description
Settlement Period Header

Settlement Period
Aggregate Party Period Charges
System Period Data
Account Period Data
BM Unit Period Data
Settlement Period Header
Settlement Period
Aggregate Party Period Charges
System Period Data
Balancing Services Adjustment Action Data
Account Period Data
BM Unit Period Data
Settlement Period Header
Settlement Period
Aggregate Party Period Charges
System Period Data
Balancing Services Adjustment Action Data
Account Period Data
BM Unit Period Data
Settlement Period Information
Settlement Period
System Buy Price
System Sell Price
Price Derivation Code
Total Demand
Total Generation
Total Period Applicable Balancing Services Volume
Information Imbalance Price 1
Information Imbalance Price 2
Notional Reserve Limit
Total NIV Tagged Volume
Arbitrage Flag
Continuous Acceptance Duration Limit
De Minimis Acceptance Threshold
Buy-Price Cost Adjustment / Net Energy Buy-Price Cost Adjustment
Buy-Price Volume Adjustment / Net Energy Buy-Price Volume Adjustment
Net System Buy-Price Volume Adjustment
Buy-Price Price Adjust
Sell-Price Cost Adjustment / Net Energy Sell-Price Cost Adjustment
Sell-Price Volume Adjustment / Net Energy Sell-Price Volume Adjustment
Net System Sell-Price Volume Adjustment
Sell-Price Price Adjust
Market Index Data Period Information
Trading Unit Period Information
BM Unit Period Information
Settlement Period Information
Settlement Period
System Buy Price
System Sell Price
Price Derivation Code
Total Demand
Total Generation

Total Period Applicable Balancing Services Volume
Information Imbalance Price 1
Information Imbalance Price 2
Notional Reserve Limit
Total NIV Tagged Volume
Arbitrage Flag
Continuous Acceptance Duration Limit
De Minimis Acceptance Threshold
Net Energy Buy-Price Cost Adjustment
Net Energy Buy-Price Volume Adjustment
Net System Buy-Price Volume Adjustment
Buy-Price Price Adjust
Net Energy Sell-Price Cost Adjustment
Net Energy Sell-Price Volume Adjustment
Net System Sell-Price Volume Adjustment
Sell-Price Price Adjust
System Total Accepted Bid Volume
System Total Accepted Offer Volume
Total System Tagged Accepted Bid Volume
Total System Tagged Accepted Offer Volume
Total System Repriced Accepted Bid Volume
Total System Repriced Accepted Offer Volume
Total System Originally-priced Accepted Bid Volume
Total System Originally-priced Accepted Offer Volume
Total System Adjustment Sell Volume
Total System Adjustment Buy Volume
Total System Tagged Adjustment Sell Volume
Total System Tagged Adjustment Buy Volume
Total System Repriced Adjustment Sell Volume
Total System Repriced Adjustment Buy Volume
Total System Originally-priced Adjustment Sell Volume
Total System Originally-priced Adjustment Buy Volume
Replacement Price
Replacement Price Calculation Volume
Market Index Data Period Information
Balancing Services Adjustment Action Data
Trading Unit Period Information
BM Unit Period Information
Settlement Period Information
Settlement Period
System Buy Price
System Sell Price
Price Derivation Code
Total Demand
Total Generation
Total Period Applicable Balancing Services Volume
Information Imbalance Price 1
Information Imbalance Price 2
Notional Reserve Limit
Total NIV Tagged Volume
Arbitrage Flag
Continuous Acceptance Duration Limit
De Minimis Acceptance Threshold
Net Energy Buy-Price Cost Adjustment
Net Energy Buy-Price Volume Adjustment

Net System Buy-Price Volume Adjustment
Buy-Price Price Adjust
Net Energy Sell-Price Cost Adjustment
Net Energy Sell-Price Volume Adjustment
Net System Sell-Price Volume Adjustment
Sell-Price Price Adjust
System Total Accepted Bid Volume
System Total Accepted Offer Volume
Total System Tagged Accepted Bid Volume
Total System Tagged Accepted Offer Volume
Total System Repriced Accepted Bid Volume
Total System Repriced Accepted Offer Volume
Total System Originally-priced Accepted Bid Volume
Total System Originally-priced Accepted Offer Volume
Total System Adjustment Sell Volume
Total System Adjustment Buy Volume
Total System Tagged Adjustment Sell Volume
Total System Tagged Adjustment Buy Volume
Total System Repriced Adjustment Sell Volume
Total System Repriced Adjustment Buy Volume
Total System Originally-priced Adjustment Sell Volume
Total System Originally-priced Adjustment Buy Volume
Replacement Price
Replacement Price Calculation Volume
Stor Availability Window Flag
Loss Of Load Probability
De-rated Margin
Value Of Lost Load
Reserve Scarcity Price
Market Index Data Period Information
Balancing Services Adjustment Action Data
Trading Unit Period Information
BM Unit Period Information
Settlement Period Summary
Settlement Period
Total Demand
Notional Reserve Limit
Arbitrage Flag
Continuous Acceptance Duration Limit
De Minimis Acceptance Threshold
System Period Data
Trading Unit Period Information
BM Unit Period Information
Settlement Period Summary
Settlement Period
Total Demand
Notional Reserve Limit
Arbitrage Flag
Continuous Acceptance Duration Limit
De Minimis Acceptance Threshold
System Period Data
Balancing Services Adjustment Action Data
Trading Unit Period Information
BM Unit Period Information

Settlement Period Summary
Settlement Period
Total Demand
Notional Reserve Limit
Arbitrage Flag
Continuous Acceptance Duration Limit
De Minimis Acceptance Threshold
System Period Data
Balancing Services Adjustment Action Data
Trading Unit Period Information
BM Unit Period Information
Stage 2 Participant Details
Stage 2 Participant Id
Settlement Period Volume
Settlement Period
Import/Export Indicator
Estimate Indicator
Meter Volume
Settlement Report Details
Report Type
Distribution Method
Settlement Report Details
Action Code
Report Type
Distribution Method
Service Agent Role Details
Action Code
Agent Type
Registration Status
Registration Effective From Date
Registration Effective To Date
Role Address Details
Service Agent Role Details
Agent Type
Effective From Date
Effective To Date
Role Address Details
Settlement Report Details
Action Code
Report Type
Distribution Method
Settlement Report Details
Action Code
Report Type
Distribution Method
Settlement Report Details

Action Code
Report Type
Distribution Method
Service Agent Role Details
Agent Type
Effective From Date
Effective To Date
Role Address Details
Settlement Report Header
Settlement Date
Settlement Run Type
SAA Run Number
SAA CDCA Run Number
SVAA CDCA Settlement Date
SVAA CDCA Run Number
SVAA SSR Run Number
BSC Party Id
Settlement Report Header
Settlement Date
Settlement Run Type
SAA Run Number
SAA CDCA Run Number
SVAA CDCA Settlement Date
SVAA CDCA Run Number
SVAA SSR Run Number
BSC Party Id
Settlement Report Header
Settlement Date
Settlement Run Type
SAA Run Number
SAA CDCA Run Number
SVAA CDCA Settlement Date
SVAA CDCA Run Number
SVAA SSR Run Number
BSC Party Id
System Period Data
Period BSSC Limited Costs
System Operator BM Cashflow
Information Imbalance Price 1
Information Imbalance Price 2
System Buy Price
System Sell Price
Price Derivation Code
Total System BM Cashflow
Total System Energy Imbalance Cashflow
Total System Non-Delivery Charge
System Total Accepted Bid Volume
System Total Unpriced Accepted Bid Volume
System Total Priced Accepted Bid Volume
Total System Energy Contract Volume
NIV Tagged System Total Unpriced Bid Volume

System Total Accepted Offer Volume
NIV Tagged System Total Unpriced Offer Volume
Net Imbalance Volume
Total NIV Tagged Volume
NIV Tagged SBVA
NIV Tagged SSVA
System Total Unpriced Accepted Offer Volume
System Total Priced Accepted Offer Volume
Total System Energy Imbalance Volume
Residual Cashflow Reallocation Denominator
Total System Residual Cashflow
Total System Information Imbalance Charge
Sell-Price Cost Adjustment / Net Energy Sell-Price Cost Adjustment
Buy-Price Cost Adjustment / Net Energy Buy-Price Cost Adjustment
Sell-Price Volume Adjustment / Net Energy Sell-Price Volume Adjustment
Buy-Price Volume Adjustment / Net Energy Buy-Price Volume Adjustment
Net System Sell-Price Volume Adjustment
Net System Buy-Price Volume Adjustment
Sell-Price Price Adjust
Buy-Price Price Adjust
Total Period Applicable Balancing Services Volume
System Operator Production Imbalance
System Operator Consumption Imbalance
NIV Tagged Energy Buy Volume Adjustment
NIV Tagged Energy Sell Volume Adjustment
PAR Tagged Energy Buy Volume Adjustment
PAR Tagged Energy Sell Volume Adjustment
Untagged EBCA
Untagged EBVA
Untagged ESCA
Untagged ESVA
Market Index Data Information
System Period Data
Period BSSC Limited Costs
System Operator BM Cashflow
Information Imbalance Price 1
Information Imbalance Price 2
System Buy Price
System Sell Price
Price Derivation Code
Total System BM Cashflow
Total System Energy Imbalance Cashflow
Total System Non-Delivery Charge
System Total Accepted Bid Volume
System Total Unpriced Accepted Bid Volume
System Total Priced Accepted Bid Volume
Total System Energy Contract Volume
NIV Tagged System Total Unpriced Bid Volume
Total System Accepted Offer Volume
NIV Tagged System Total Unpriced Offer Volume
Net Imbalance Volume
Total NIV Tagged Volume
NIV Tagged SBVA
NIV Tagged SSVA
System Total Unpriced Accepted Offer Volume

System Total Priced Accepted Offer Volume
Total System Energy Imbalance Volume
Residual Cashflow Reallocation Denominator
Total System Residual Cashflow
Total System Information Imbalance Charge
Net Energy Sell-Price Cost Adjustment
Net Energy Buy-Price Cost Adjustment
Net Energy Sell-Price Volume Adjustment
Net Energy Buy-Price Volume Adjustment
Net System Sell-Price Volume Adjustment
Net System Buy-Price Volume Adjustment
Sell-Price Price Adjust
Buy-Price Price Adjust
Total Period Applicable Balancing Services Volume
System Operator Production Imbalance
System Operator Consumption Imbalance
NIV Tagged Energy Buy Volume Adjustment
NIV Tagged Energy Sell Volume Adjustment
PAR Tagged Energy Buy Volume Adjustment
PAR Tagged Energy Sell Volume Adjustment
Untagged EBCA
Untagged EBVA
Untagged ESCA
Untagged ESVA
Total System Tagged Accepted Bid Volume
Total System Tagged Accepted Offer Volume
Total System Repriced Accepted Bid Volume
Total System Repriced Accepted Offer Volume
Total System Originally-priced Accepted Bid Volume
Total System Originally-priced Accepted Offer Volume
Total System Adjustment Sell Volume
Total System Adjustment Buy Volume
Total System Tagged Adjustment Sell Volume
Total System Tagged Adjustment Buy Volume
Total System Repriced Adjustment Sell Volume
Total System Repriced Adjustment Buy Volume
Total System Originally-priced Adjustment Sell Volume
Total System Originally-priced Adjustment Buy Volume
Replacement Price
Replacement Price Calculation Volume
Market Index Data Information
System Period Data
Period BSSC Limited Costs
System Operator BM Cashflow
Information Imbalance Price 1
Information Imbalance Price 2
System Buy Price
System Sell Price
Price Derivation Code
Total System BM Cashflow
Total System Energy Imbalance Cashflow
Total System Non-Delivery Charge
System Total Accepted Bid Volume
System Total Unpriced Accepted Bid Volume
System Total Priced Accepted Bid Volume

Total System Energy Contract Volume
NIV Tagged System Total Unpriced Bid Volume
Total System Accepted Offer Volume
NIV Tagged System Total Unpriced Offer Volume
Net Imbalance Volume
Total NIV Tagged Volume
NIV Tagged SBVA
NIV Tagged SSVA
System Total Unpriced Accepted Offer Volume
System Total Priced Accepted Offer Volume
Total System Energy Imbalance Volume
Residual Cashflow Reallocation Denominator
Total System Residual Cashflow
Total System Information Imbalance Charge
Net Energy Sell-Price Cost Adjustment
Net Energy Buy-Price Cost Adjustment
Net Energy Sell-Price Volume Adjustment
Net Energy Buy-Price Volume Adjustment
Net System Sell-Price Volume Adjustment
Net System Buy-Price Volume Adjustment
Sell-Price Price Adjust
Buy-Price Price Adjust
Total Period Applicable Balancing Services Volume
System Operator Production Imbalance
System Operator Consumption Imbalance
NIV Tagged Energy Buy Volume Adjustment
NIV Tagged Energy Sell Volume Adjustment
PAR Tagged Energy Buy Volume Adjustment
PAR Tagged Energy Sell Volume Adjustment
Untagged EBCA
Untagged EBVA
Untagged ESCA
Untagged ESVA
Total System Tagged Accepted Bid Volume
Total System Tagged Accepted Offer Volume
Total System Repriced Accepted Bid Volume
Total System Repriced Accepted Offer Volume
Total System Originally-priced Accepted Bid Volume
Total System Originally-priced Accepted Offer Volume
Total System Adjustment Sell Volume
Total System Adjustment Buy Volume
Total System Tagged Adjustment Sell Volume
Total System Tagged Adjustment Buy Volume
Total System Repriced Adjustment Sell Volume
Total System Repriced Adjustment Buy Volume
Total System Originally-priced Adjustment Sell Volume
Total System Originally-priced Adjustment Buy Volume
Replacement Price
Replacement Price Calculation Volume
Stor Availability Window Flag
Loss Of Load Probability
De-rated Margin
Value Of Lost Load
Reserve Scarcity Price
Market Index Data Information

Settlement Date Details
Settlement Date
Line Loss Factors
Supplier Detail
Supplier Id
BM Unit Ids
Supplier Detail
Supplier Id
BM Unit Ids
Supplier Detail
Supplier Id
BM Unit Ids
Subsidiary Party Details
Subsidiary Party Id
Subsidiary Party Production/Consumption Flag
Settlement Period Details
Supplier Detail
Supplier Id
BM Unit Ids
Total Actual Costs
Year
BSC Co Actual Cost
Termination Details
Termination Reason
Termination Details
Termination Reason
Termination Details
Termination Reason
Settlement Period Trading Unit Meter Voume Data
Settlement Period
Trading Unit Name
Trading Unit Type
Delivery Mode
Trading Unit Export Metered Volume
Trading Unit Import Metered Volume
Total Trading Unit Metered Volume
Trading Unit Registration Header
Action Description
Party Authentication Name
Party Authentication password
Trading Unit Period Information
Trading Unit Name
Total Trading Unit Metered Volume

Trading Unit Period Information
Trading Unit Name
Total Trading Unit Metered Volume
Trading Unit Period Information
Trading Unit Name
Total Trading Unit Metered Volume
Trading Unit Details
Trading Unit Name
BM Unit Details
Trading Unit Registration
Action Code
Trading Unit Name
Trading Unit Registration
Action Code
Trading Unit Name
Trading Unit Registration
Action Code
Trading Unit Name
Trading Unit Registration
Action Code
Trading Unit Name
Trading Unit Details
Action Code
Registration Status
Trading Unit Name
BM Unit Details
Trading Unit Registration
Action Code
Trading Unit Name
BM Unit Details
Trading Unit Registration
Action Code
Trading Unit Name
BM Unit Details
Trading Unit Registration
Action Code
Trading Unit Name
BM Unit Details
Total Volume Estimated
Total Volume Estimated In Report
ERROR (1A) Interconnector without Administrator
Interconnector Id
ERROR (1A) Interconnector without Administrator

Interconnector Id
ERROR (1B) Interconnector without Error Administrator
Interconnector Administrator Id
Interconnector Id
Interconnector Error Administrator Id
Effective From Date
ERROR (1B) Interconnector without Error Administrator
Interconnector Administrator Id
Interconnector Id
Interconnector Error Administrator Id
Effective From Date
WARNING (2A) Interconnector Admin pending, overlap of dates
Interconnector Administrator Id
Interconnector Id
Interconnector Error Administrator Id
Effective From Date
WARNING (2A) Interconnector Admin pending, overlap of dates
Interconnector Administrator Id
Interconnector Id
Interconnector Error Administrator Id
Effective From Date
WARNING (3A) BM Unit pending, overlap of dates
BM Unit Id
Effective From Date
WARNING (3A) BM Unit pending, overlap of dates
BM Unit Id
Effective From Date
WARNING (3B) Boundary Point pending, overlap of dates
Point Id
Effective From Date
WARNING (3B) Boundary Point pending, overlap of dates
Point Id
Effective From Date
WARNING (3C) Metering System pending, overlap of dates
Metering System Id
Effective From Date
WARNING (3C) Metering System pending, overlap of dates
Metering System Id
Effective From Date
WARNING (4A) Metering System without MOA
Metering System Id
Effective From Date
WARNING (4A) Metering System without MOA
Metering System Id

Effective From Date
WARNING (5A) Metering System's MOA expires
Metering System Id
Effective From Date
WARNING (5A) Metering System's MOA expires
Metering System Id
Effective From Date
WARNING (6A) Exempt Export Type G/S BM Unit without Base TU
BM Unit Id
Effective From Date
Data File Additional Header
Settlement Date
Settlement Code
SSR Run Type Id
SSR Run Number
GSP Group Id
Data File Additional Header
Settlement Date
Filler 1
Filler 2
CDCA Run Number
GSP Group Id

Column Name	Identifier	Column Name				Full Type	Valid Set
ACCOUNT BILATERAL CONTRACT VOLUME	N0001	Account Bilateral Contract Volume				decimal(10,3)	
ACCOUNT CREDITED ENERGY VOLUME	N0002	Account Credited Energy Volume				decimal(10,3)	
ACCOUNT ENERGY IMBALANCE VOLUME	N0003	Account Energy Imbalance Volume				decimal(10,3)	
ACCOUNT PERIOD BALANCING SERVICES VOLUME	N0004	Account Period Balancing Services Volume				decimal(10,3)	
ACTION DESCRIPTION	N0005	Action Description				text(255)	
ACTIVITY	N0006	Activity				text(2)	Activity
ADDITIONAL DETAILS	N0007	Additional Details				text(80)	
ADDRESS LINE 1	N0008	Address Line 1				text(40)	
ADDRESS LINE 2	N0009	Address Line 2				text(40)	
ADDRESS LINE 3	N0010	Address Line 3				text(40)	
ADDRESS LINE 4	N0011	Address Line 4				text(40)	
ADDRESS LINE 5	N0012	Address Line 5				text(40)	
ADDRESS LINE 6	N0013	Address Line 6				text(40)	
ADDRESS LINE 7	N0014	Address Line 7				text(40)	
ADDRESS LINE 8	N0015	Address Line 8				text(40)	
ADDRESS LINE 9	N0016	Address Line 9				text(40)	
AGENT ID	N0018	Agent Id				text(8)	
AGENT NAME	N0019	Agent Name				text(30)	
AGENT TYPE	N0020	Agent Type				text(2)	Organisation Type
AGGREGATION DATE	N0021	Aggregation Date				date	
AUTHENTICATION NAME	N0022	Authentication Name				text(30)	
AUTHENTICATION PASSWORD	N0023	Authentication Password				text(8)	
AUTHORISED SIGNATORY	N0024	Authorised Signatory				text(30)	
BID-OFFER PAIR NUMBER	N0025	Bid-Offer Pair Number				integer(2)	
BID OFFER ACCEPTANCE VOLUME VALUE FROM	N0026	Bid Offer Acceptance Volume Value From				decimal(10,3)	
BID OFFER ACCEPTANCE VOLUME VALUE TO	N0027	Bid Offer Acceptance Volume Value To				decimal(10,3)	
BID OFFER VOLUME VALUE FROM	N0028	Bid Offer Volume Value From				decimal(10,3)	
BID OFFER VOLUME VALUE TO	N0029	Bid Offer Volume Value To				decimal(10,3)	
BID PRICE	N0030	Bid Price				decimal(10,5)	
BM UNIT CASHFLOW	N0031	Bm Unit Cashflow				decimal(10,2)	
BM UNIT CREDIT ASSESSMENT EXPORT CAPABILITY	N0032	Bm Unit Credit Assessment Export Capability				decimal(13,3)	
BM UNIT CREDIT ASSESSMENT IMPORT CAPABILITY	N0033	Bm Unit Credit Assessment Import Capability				decimal(13,3)	
BM UNIT ID	N0034	Bm Unit Id				text(11)	
BM UNIT METERED VOLUME	N0035	Bm Unit Metered Volume				decimal(10,3)	
BM UNIT NAME	N0036	Bm Unit Name				text(30)	
BM UNIT PERIOD NON-DELIVERY CHARGE	N0037	Bm Unit Period Non-Delivery Charge				decimal(10,2)	
BM UNIT TYPE	N0038	Bm Unit Type				char	BM Unit Type
POINT ID	N0039	Point Id				text(10)	
BSC CO ACTUAL COST	N0041	Bsc Co Actual Cost				decimal(10,2)	
BSC CO FORECAST COST	N0042	Bsc Co Forecast Cost				decimal(10,2)	
BSC PARTY AGENT NAME	N0043	Bsc Party Agent Name				text(30)	
BSC PARTY AGENT TYPE	N0044	Bsc Party Agent Type				text(2)	Organisation Type
BSC PARTY ID	N0045	Bsc Party Id				text(8)	
BSC PARTY NAME	N0046	Bsc Party Name				text(30)	
BSC PARTY TYPE	N0047	Bsc Party Type				text(2)	Organisation Type
BSSC LIMITED COST ALLOCATION	N0048	Bssc Limited Cost Allocation				decimal(10,2)	
CDCA RUN NUMBER	N0049	Cdca Run Number				integer(2)	
CDCA SETTLEMENT DATE	N0050	Cdca Settlement Date				date	
CERTIFICATION/ACCREDITATION STATUS	N0051	Certification/Accreditation Status				char	Certification/Accreditation Status
CHANNEL NUMBER	N0052	Channel Number				integer(2)	
CHARGE	N0053	Charge				decimal(10,2)	
CHARGE TYPE	N0054	Charge Type				char	Charge Type
CONTACT PHONE NO	N0056	Contact Phone No				text(15)	
CRA ENCRYPTION KEY	N0057	Cra Encryption Key				text(32)	
CREATION TIME	N0058	Creation Time				datetime	
CREDIT ASSESSMENT EXPORT CAPABILITY	N0059	Credit Assessment Export Capability				decimal(7,3)	
CREDIT ASSESSMENT IMPORT CAPABILITY	N0060	Credit Assessment Import Capability				decimal(7,3)	
CREDITED ENERGY VOLUME	N0061	Credited Energy Volume				decimal(10,3)	
DATE OF AGGREGATION	N0062	Date Of Aggregation				date	
DEFAULT FLAG	N0063	Default Flag				boolean	
DEMAND CAPACITY	N0064	Demand Capacity				decimal(13,3)	
DISTRIBUTION METHOD	N0065	Distribution Method				text(20)	
DISTRIBUTOR BSC PARTY ID	N0066	Distributor Bsc Party Id				text(8)	
E-MAIL ADDRESS	N0067	E-Mail Address				text(80)	
ECV PARTY 1 ID	N0068	Ecv Party 1 Id				text(8)	

ECV PARTY 1 NAME	N0069	Ecv Party 1 Name				text(30)	
ECV PARTY 1 P/C FLAG	N0070	Ecv Party 1 P/C Flag				char	P/C Flag
ECV PARTY 1 PRODUCTION/CONSUMPTION FLAG	N0071	Ecv Party 1 Production/Consumption Flag				char	P/C Flag
ECV PARTY 2 ID	N0072	Ecv Party 2 Id				text(8)	
ECV PARTY 2 NAME	N0073	Ecv Party 2 Name				text(30)	
ECV PARTY 2 P/C FLAG	N0074	Ecv Party 2 P/C Flag				char	P/C Flag
ECV PARTY 2 PRODUCTION/CONSUMPTION FLAG	N0075	Ecv Party 2 Production/Consumption Flag				char	P/C Flag
ECVAA RUN NUMBER	N0076	Ecvaa Run Number				integer(3)	
ECVN REFERENCE CODE	N0077	Ecvn Reference Code				text(10)	
ECVNA ID	N0078	Ecvna Id				text(8)	
ECVNA NAME	N0079	Ecvna Name				text(30)	
ECVNAA ID	N0080	Ecvnaa Id				text(10)	
EFFECTIVE FROM DATE	N0081	Effective From Date				date	
EFFECTIVE FROM SETTLEMENT DATE	N0082	Effective From Settlement Date				date	
EFFECTIVE TO DATE	N0083	Effective To Date				date	
EFFECTIVE TO SETTLEMENT DATE	N0084	Effective To Settlement Date				date	
ENERGY CONTRACT VOLUME	N0085	Energy Contract Volume				decimal(10,3)	
ENERGY IMBALANCE CASHFLOW	N0086	Energy Imbalance Cashflow				decimal(10,2)	
ENERGY IMBALANCE CHARGE	N0087	Energy Imbalance Charge				decimal(10,2)	
ENERGY VOLUME READING	N0088	Energy Volume Reading				decimal (10,3)	
ESTIMATE AGREED INDICATOR	N0089	Estimate Agreed Indicator				boolean	
ESTIMATE INDICATOR	N0090	Estimate Indicator				boolean	
ESTIMATED METER VOLUME	N0091	Estimated Meter Volume				decimal(12,3)	
ESTIMATION METHOD	N0092	Estimation Method				char	Estimation Method
EXCEPTION DESCRIPTION	N0093	Exception Description				text(255)	
EXCEPTION TYPE	N0094	Exception Type				char	BMRA Exception Type
INTERCONNECTOR ADMINISTRATOR ID	N0095	Interconnector Administrator Id				text(8)	
INTERCONNECTOR ERROR ADMINISTRATOR ID	N0097	Interconnector Error Administrator Id				text(8)	
INTERCONNECTOR ID	N0098	Interconnector Id				text(10)	
INTERCONNECTOR NAME	N0099	Interconnector Name				text(30)	
FAX NO	N0100	Fax No				text(15)	
FILE IDENTIFIER	N0101	File Identifier				text(10)	
FILE TYPE	N0102	File Type				text(8)	
FILLER 1	N0103	Filler 1				text(2)	
FILLER 2	N0104	Filler 2				text(1)	
FILLER 3	N0105	Filler 3				integer(2)	
FILLER 4	N0106	Filler 4				text(1)	
FILLER 5	N0107	Filler 5				decimal(15,3)	
FILLER 6	N0108	Filler 6				decimal(15,3)	
FIXED METERED VOLUME REALLOCATION	N0109	Fixed Metered Volume Reallocation				decimal(10,3)	
FPN FLAG	N0110	Fpn Flag				boolean	
FPN VALUE FROM	N0111	Fpn Value From				decimal(10,3)	
FPN VALUE TO	N0112	Fpn Value To				decimal(10,3)	
FROM PARTICIPANT ID	N0113	From Participant Id				text(8)	
FROM ROLE CODE	N0114	From Role Code				text(2)	
GENERATION CAPACITY	N0115	Generation Capacity				decimal(13,3)	
GSP GROUP ID	N0116	Gsp Group Id				text(2)	
GSP GROUP NAME	N0117	Gsp Group Name				text(30)	
GSP GROUP TAKE	N0118	Gsp Group Take				decimal(14,4)	
GSP ID	N0119	Gsp Id				text(10)	
IMBALANCE VOLUME	N0120	Imbalance Volume				decimal(10,3)	
IMPORT/EXPORT INDICATOR	N0121	Import/Export Indicator				char	I/E Flag
INFORMATION IMBALANCE CASHFLOW	N0122	Information Imbalance Cashflow				decimal(10,2)	
INFORMATION IMBALANCE CHARGE	N0123	Information Imbalance Charge				decimal(10,2)	
INFORMATION IMBALANCE PRICE 1	N0124	Information Imbalance Price 1				decimal(10,5)	
INFORMATION IMBALANCE PRICE 2	N0125	Information Imbalance Price 2				decimal(10,5)	
JOINT BM UNIT ID	N0126	Joint Bm Unit Id				text(11)	
LEAD PARTY ID	N0127	Lead Party Id				text(8)	
LEAD PARTY NAME	N0128	Lead Party Name				text(30)	
LEAD PARTY PRODUCTION/CONSUMPTION FLAG	N0129	Lead Party Production/Consumption Flag				char	P/C Flag
LEVEL FROM	N0130	Level From				decimal(10,3)	
LEVEL TO	N0131	Level To				decimal(10,3)	
LINE LOSS FACTOR	N0132	Line Loss Factor				decimal(8,7)	
MAIN/CHECK INDICATOR	N0133	Main/Check Indicator				char	Main/Check Indicator
MEASUREMENT QUANTITY	N0134	Measurement Quantity				text(2)	Measurement Quantity
METER OPERATOR AGENT ID	N0135	Meter Operator Agent Id				text(8)	

METER READING STATUS	N0136	Meter Reading Status				char	Meter Reading Status
METER READING VOLUME	N0137	Meter Reading Volume				decimal(12,3)	
METER SERIAL NUMBER	N0138	Meter Serial Number				text(10)	
METER VOLUME	N0139	Meter Volume				decimal(10,3)	
METERED VOLUME FIXED REALLOCATION	N0140	Metered Volume Fixed Reallocation				decimal(10,3)	
METERED VOLUME PERCENTAGE REALLOCATION	N0141	Metered Volume Percentage Reallocation				decimal(8,5)	
METERING SYSTEM ID	N0142	Metering System Id				text(13)	
MVRN REFERENCE CODE	N0144	Mvrn Reference Code				text(10)	
MVRNA ID	N0145	Mvrna Id				text(8)	
MVRNA NAME	N0146	Mvrna Name				text(30)	
MVRNAA ID	N0147	Mvrnaa Id				text(10)	
MVRNAA KEY	N0148	Mvrnaa Key				text(10)	
NATIONAL GRID REFERENCE	N0149	National Grid Reference				text(12)	
NGC BM UNIT NAME	N0150	Ngc Bm Unit Name				text(9)	
NON-DELIVERY CHARGE	N0151	Non-Delivery Charge				decimal(10,2)	
NUMBER OF TRADES	N0152	Number Of Trades				integer(8)	
OFFER PRICE	N0153	Offer Price				decimal(10,5)	
ORIGINAL METER READING	N0154	Original Meter Reading				decimal(12,3)	
OUTSTATION ID	N0155	Outstation Id				text(20)	
PARTY AGENT AUTHENTICATION NAME	N0156	Party Agent Authentication Name				text(30)	
PARTY AGENT AUTHENTICATION PASSWORD	N0157	Party Agent Authentication Password				text(8)	
PARTY AUTHENTICATION KEY DETAILS	N0158	Party Authentication Key Details				text(10)	
PARTY AUTHENTICATION NAME	N0159	Party Authentication Name				text(30)	
PARTY AUTHENTICATION PASSWORD	N0160	Party Authentication Password				text(8)	
PARTY TYPE	N0161	Party Type				text(2)	Organisation Type
PASSWORD	N0162	Password				text(8)	
PERCENTAGE METERED VOLUME REALLOCATION	N0163	Percentage Metered Volume Reallocation				decimal(8,5)	
PERIOD BM UNIT BALANCING SERVICES VOLUME	N0164	Period Bm Unit Balancing Services Volume				decimal(10,3)	
PERIOD BM UNIT BID CASHFLOW	N0165	Period Bm Unit Bid Cashflow				decimal(10,2)	
PERIOD BM UNIT NON-DELIVERED BID VOLUME	N0166	Period Bm Unit Non-Delivered Bid Volume				decimal(10,3)	
PERIOD BM UNIT NON-DELIVERED OFFER VOLUME	N0167	Period Bm Unit Non-Delivered Offer Volume				decimal(10,3)	
PERIOD BM UNIT OFFER CASHFLOW	N0168	Period Bm Unit Offer Cashflow				decimal(10,2)	
PERIOD BM UNIT TOTAL ACCEPTED BID VOLUME	N0169	Period Bm Unit Total Accepted Bid Volume				decimal(10,3)	
PERIOD BM UNIT TOTAL ACCEPTED OFFER VOLUME	N0170	Period Bm Unit Total Accepted Offer Volume				decimal(10,3)	
PERIOD BM UNIT TOTAL ALLOCATED VOLUME	N0171	Period Bm Unit Total Allocated Volume				decimal(14,4)	
PERIOD BSSC LIMITED COSTS	N0172	Period Bssc Limited Costs				decimal(10,2)	
PERIOD EXPECTED METERED VOLUME	N0173	Period Expected Metered Volume				decimal(10,3)	
PERIOD FPN	N0174	Period Fpn				decimal(10,3)	
PERIOD INFORMATION IMBALANCE VOLUME	N0175	Period Information Imbalance Volume				decimal(10,3)	
POST CODE	N0176	Post Code				text(10)	
PRODUCTION/CONSUMPTION FLAG	N0177	Production/Consumption Flag				char	P/C Flag
PROPORTION OF LOSSES	N0178	Proportion Of Losses				decimal(8,7)	
RANKING	N0180	Ranking				integer(4)	
REGISTRATION EFFECTIVE FROM DATE	N0183	Registration Effective From Date				date	
REGISTRATION EFFECTIVE TO DATE	N0184	Registration Effective To Date				date	
REGISTRATION STATUS	N0185	Registration Status				char	Registration Status
REGISTRATION TYPE	N0186	Registration Type				text(2)	Registration Type
REJECTION REASON	N0187	Rejection Reason				text(80)	
REPORT END DATE	N0188	Report End Date				date	
REPORT PARAMETERS	N0189	Report Parameters				text(30)	
REPORT START DATE	N0191	Report Start Date				date	
REPORT TYPE	N0192	Report Type				text(30)	
REQUESTING REGISTRANT	N0193	Requesting Registrant				text(8)	
RESIDUAL CASHFLOW REALLOCATION CHARGE	N0194	Residual Cashflow Reallocation Charge				decimal(10,2)	
RESIDUAL CASHFLOW REALLOCATION PROPORTION	N0195	Residual Cashflow Reallocation Proportion				decimal(8,7)	
CREDIT LIMIT	N0196	Credit Limit				decimal(13,3)	
SEQUENCE NUMBER	N0198	Sequence Number				integer(9)	
SETTLEMENT CODE	N0199	Settlement Code				text(2)	
SETTLEMENT DATE	N0200	Settlement Date				date	
SETTLEMENT PERIOD	N0201	Settlement Period				integer(2)	
SETTLEMENT RUN TYPE	N0202	Settlement Run Type				text(2)	Run Type
SIGNATORY NAME	N0203	Signatory Name				text(30)	
SSR RUN DATE	N0204	Ssr Run Date				date	
SSR RUN NUMBER	N0205	Ssr Run Number				integer(7)	
SSR RUN TYPE ID	N0206	Ssr Run Type Id				text(2)	
STAGE 2 PARTICIPANT ID	N0207	Stage 2 Participant Id				text(4)	

SUBSIDIARY PARTY ID	N0208	Subsidiary Party Id				text(8)	
SUBSIDIARY PARTY PRODUCTION/CONSUMPTION FLAG	N0209	Subsidiary Party Production/Consumption Flag				char	P/C Flag
SUBSIDIARY PARTY NAME	N0210	Subsidiary Party Name				text(30)	
SVAA SSR RUN NUMBER	N0211	Svaa Ssr Run Number				integer(7)	
SYSTEM BUY PRICE	N0212	System Buy Price				decimal(10,5)	
SYSTEM OPERATOR BM CASHFLOW	N0213	System Operator Bm Cashflow				decimal(10,2)	
DAILY SYSTEM OPERATOR BM CASHFLOW	N0214	Daily System Operator Bm Cashflow				decimal(10,2)	
SYSTEM SELL PRICE	N0215	System Sell Price				decimal(10,5)	
SYSTEM TOTAL ACCEPTED BID VOLUME	N0216	System Total Accepted Bid Volume				decimal(10,3)	
TOTAL SYSTEM ACCEPTED OFFER VOLUME	N0217	Total System Accepted Offer Volume				decimal(10,3)	
TELEPHONE NO	N0218	Telephone No				text(15)	
TEST DATA FLAG	N0219	Test Data Flag				text(4)	
TIME FROM	N0220	Time From				integer(2)	
TIME TO	N0221	Time To				integer(2)	
TO PARTICIPANT ID	N0222	To Participant Id				text(8)	
TO ROLE CODE	N0223	To Role Code				text(2)	
TOTAL SYSTEM ENERGY CONTRACT VOLUME	N0224	Total System Energy Contract Volume				decimal(10,3)	
TOTAL SYSTEM ENERGY IMBALANCE CASHFLOW	N0225	Total System Energy Imbalance Cashflow				decimal(10,2)	
TOTAL SYSTEM ENERGY IMBALANCE VOLUME	N0226	Total System Energy Imbalance Volume				decimal(10,3)	
TOTAL SYSTEM INFORMATION IMBALANCE CHARGE	N0227	Total System Information Imbalance Charge				decimal(10,2)	
TOTAL SYSTEM NON-DELIVERY CHARGE	N0228	Total System Non-Delivery Charge				decimal(10,2)	
TOTAL SYSTEM PERIOD CREDITED ENERGY VOLUME	N0229	Total System Period Credited Energy Volume				decimal(10,3)	
TOTAL SYSTEM RESIDUAL CASHFLOW	N0230	Total System Residual Cashflow				decimal(10,2)	
TOTAL TRADING UNIT METERED VOLUME	N0231	Total Trading Unit Metered Volume				decimal(10,3)	
TRADING UNIT NAME	N0232	Trading Unit Name				text(30)	
TRANSMISSION LOSS FACTOR	N0233	Transmission Loss Factor				decimal(8,7)	
TRANSMISSION LOSS MULTIPLIER	N0234	Transmission Loss Multiplier				decimal(8,7)	
USER NAME	N0235	User Name				text(8)	
VOLUME OF TRADES	N0236	Volume Of Trades				decimal(10,3)	
YEAR	N0237	Year				integer(4)	
ZONE	N0238	Zone				char	
ACCEPTANCE TIME	N0242	Acceptance Time				datetime	
BID OFFER ACCEPTANCE NUMBER	N0243	Bid Offer Acceptance Number				number(10)	
BID PRICE	N0244	Bid Price				number(7,2)	
BID OFFER LEVEL FROM	N0245	Bid Offer Level From				number(4)	
BID OFFER LEVEL TO	N0246	Bid Offer Level To				number(4)	
BID OFFER PAIR NUMBER	N0247	Bid Offer Pair Number				number(2)	
CALENDAR WEEK NUMBER	N0248	Calendar Week Number				number(2)	Week Number
DAY OF FORECAST	N0249	Day Of Forecast				datetime	
DEEMED BID OFFER FLAG	N0250	Deemed Bid Offer Flag				varchar2(5)	
DEMAND	N0251	Demand				number(5)	Demand
EFFECTIVE TIME	N0252	Effective Time				datetime	
IMBALANCE VALUE	N0253	Imbalance Value				number(5)	Imbalance
MARGIN	N0254	Margin				number(5)	Margin
MAXIMUM DELIVERY PERIOD	N0255	Maximum Delivery Period				number(5)	
MAXIMUM DELIVERY VOLUME	N0256	Maximum Delivery Volume				number(5)	
MAXIMUM EXPORT LEVEL FROM	N0257	Maximum Export Level From				number(4)	
MAXIMUM EXPORT LEVEL TO	N0258	Maximum Export Level To				number(4)	
MINIMUM NON ZERO TIME	N0261	Minimum Non Zero Time				number(5)	
MINIMUM ZERO TIME	N0262	Minimum Zero Time				number(5)	
NATIONAL BOUNDARY IDENTIFIER	N0263	National Boundary Identifier				varchar2(3)	Zone Indicator
NOTICE TO DELIVER BIDS	N0264	Notice To Deliver Bids				number(5)	
NOTICE TO DELIVER OFFERS	N0265	Notice To Deliver Offers				number(5)	
NOTICE TO DEVIATE FROM ZERO	N0266	Notice To Deviate From Zero				number(5)	
OFFER PRICE	N0267	Offer Price				number(7,2)	
PN LEVEL FROM	N0268	Pn Level From				number(4)	
PN LEVEL TO	N0269	Pn Level To				number(4)	
PUBLISHING PERIOD COMMENCING TIME	N0270	Publishing Period Commencing Time				datetime	
QPN LEVEL FROM	N0271	Qpn Level From				number(4)	
QPN LEVEL TO	N0272	Qpn Level To				number(4)	
RUN UP ELBOW 2	N0273	Run Up Elbow 2				number(4)	
RUN UP ELBOW 3	N0274	Run Up Elbow 3				number(4)	
RUN UP RATE 1	N0275	Run Up Rate 1				number(4,1)	
RUN UP RATE 2	N0276	Run Up Rate 2				number(4,1)	
RUN UP RATE 3	N0277	Run Up Rate 3				number(4,1)	
RUN DOWN ELBOW 2	N0278	Run Down Elbow 2				number(4)	

RUN DOWN ELBOW 3	N0279	Run Down Elbow 3				number(4)	
RUN DOWN RATE 1	N0280	Run Down Rate 1				number(4,1)	
RUN DOWN RATE 2	N0281	Run Down Rate 2				number(4,1)	
RUN DOWN RATE 3	N0282	Run Down Rate 3				number(4,1)	
SPN DEMAND	N0283	Spn Demand				number(5)	SPN Demand
SPN GENERATION	N0284	Spn Generation				number(5)	SPN Generation
STABLE EXPORT LIMIT	N0285	Stable Export Limit				number(5)	
STABLE IMPORT LIMIT	N0286	Stable Import Limit				number(5)	
START TIME OF HALF HR PERIOD	N0287	Start Time Of Half Hr Period				datetime	
TIME FROM	N0288	Time From				datetime	
TIME TO	N0289	Time To				datetime	
DATA TYPE	N0290	Data Type				varchar2(8)	
BMU NAME	N0291	Bmu Name				varchar2(9)	
MAXIMUM IMPORT LEVEL FROM	N0292	Maximum Import Level From				number(4)	
MAXIMUM IMPORT LEVEL TO	N0293	Maximum Import Level To				number(4)	
TOTAL VOLUME ESTIMATED IN REPORT	N0294	Total Volume Estimated In Report				decimal(12,3)	
SUPPLIER ID	N0296	Supplier Id				text(4)	
ECVNAA KEY	N0297	Ecvnaa Key				text(10)	
INTER-GSP-GROUP CONNECTION ID	N0298	Inter-Gsp-Group Connection Id				text(10)	
RECEIVED TIME	N0299	Received Time				datetime	
RESPONSE TIME	N0300	Response Time				datetime	
FILE NAME	N0301	File Name				text(14)	
RESPONSE CODE	N0302	Response Code				integer(3)	
RESPONSE DATA	N0303	Response Data				text(80)	
SAA RUN NUMBER	N0304	Saa Run Number				integer(2)	
NET ENERGY SELL-PRICE COST ADJUSTMENT	N0305	Net Energy Sell-Price Cost Adjustment				decimal(10,2)	
NET ENERGY BUY-PRICE COST ADJUSTMENT	N0306	Net Energy Buy-Price Cost Adjustment				decimal(10,2)	
NET ENERGY SELL-PRICE VOLUME ADJUSTMENT	N0307	Net Energy Sell-Price Volume Adjustment				decimal(10,3)	
NET ENERGY BUY-PRICE VOLUME ADJUSTMENT	N0308	Net Energy Buy-Price Volume Adjustment				decimal(10,3)	
ZERO	N0309	Zero				decimal(10,5)	
ECVN ECVNAA ID	N0310	Ecvn Ecvnaa Id				text(10)	
MVRN MVRNAA ID	N0311	Mvrn Mvrnaa Id				text(10)	
TOTAL DEMAND	N0312	Total Demand				decimal(10,3)	
NOTIONAL RESERVE LIMIT	N0316	Notional Reserve Limit				decimal(10,3)	
ARBITRAGE FLAG	N0317	Arbitrage Flag				boolean	
POINT TYPE	N0322	Point Type				text(2)	Point Type
GSP GROUP TAKE VOLUME	N0327	Gsp Group Take Volume				decimal(14,4)	
STAGE 2 RESPONSE DATA	N0328	Stage 2 Response Data				text(50)	
NGC FILENAME	N0329	Ngc Filename				text(255)	
PERMIT NOTIFICATION REJECTION FLAG	N0330	Permit Notification Rejection Flag				boolean	
AGGREGATED ENERGY CONTRACT VOLUME	N0331	Aggregated Energy Contract Volume				decimal(10,3)	
CREDIT COVER PERCENTAGE	N0332	Credit Cover Percentage				decimal(8,5)	
TOTAL SYSTEM BM CASHFLOW	N0333	Total System Bm Cashflow				decimal(10,2)	
TOTAL GENERATION	N0334	Total Generation				decimal(10,3)	
SYSTEM OPERATOR PRODUCTION IMBALANCE	N0335	System Operator Production Imbalance				decimal(10,3)	
SYSTEM OPERATOR CONSUMPTION IMBALANCE	N0336	System Operator Consumption Imbalance				decimal(10,3)	
ACCEPTANCE FROM TIME	N0337	Acceptance From Time				integer(3)	
ACCEPTANCE TO TIME	N0338	Acceptance To Time				integer(3)	
ACTION CODE	N0339	Action Code				text(9)	Action Code
SETT DATE	N0340	Sett Date				text(10)	
TERMINATION REASON	N0341	Termination Reason				text(80)	
B-O ACCEPTANCE NUMBER	N0342	B-O Acceptance Number				integer(10)	
PUBLICATION DATE-TIME	N0343	Publication Date-Time				datetime	
NOTIFICATION DATE	N0344	Notification Date				date	
PAYMENT DATE	N0345	Payment Date				date	
NOTIFICATION PERIOD	N0346	Notification Period				integer(3)	
PAYMENT PERIOD	N0347	Payment Period				integer(3)	
SETTLEMENT RUN DATE	N0348	Settlement Run Date				date	
CVA RUN DATE	N0349	Cva Run Date				date	
ELAPSED DAYS SAA AFTER SETTLEMENT	N0350	Elapsed Days Saa After Settlement				integer(3)	
WORKING DAYS SAA AFTER SETTLEMENT	N0351	Working Days Saa After Settlement				integer(3)	
WORKING DAYS SAA BEFORE NOTIFICATION	N0352	Working Days Saa Before Notification				integer(3)	
SVA RUN DATE	N0353	Sva Run Date				date	
ECVNAA BSC PARTY SEQUENCE	N0354	Ecvnaa Bsc Party Sequence				char	Party Sequence
OTHER BSC PARTY ID	N0355	Other Bsc Party Id				text(8)	
OTHER BSC PARTY P/C FLAG	N0356	Other Bsc Party P/C Flag				char	P/C Flag

ECVNAA EFFECTIVE FROM DATE	N0357	Ecvnaa Effective From Date				date	
ECVNAA EFFECTIVE TO DATE	N0358	Ecvnaa Effective To Date				date	
ECVN EFFECTIVE FROM DATE	N0359	Ecvn Effective From Date				date	
ECVN EFFECTIVE TO DATE	N0360	Ecvn Effective To Date				date	
FROM SETTLEMENT PERIOD	N0361	From Settlement Period				integer(2)	
TO SETTLEMENT PERIOD	N0362	To Settlement Period				integer(2)	
LEAD OR SUBSIDIARY INDICATOR	N0363	Lead Or Subsidiary Indicator				char	L/S Flag
MVRNAA EFFECTIVE FROM DATE	N0364	Mvrnaa Effective From Date				date	
MVRNAA EFFECTIVE TO DATE	N0365	Mvrnaa Effective To Date				date	
MVRN EFFECTIVE FROM DATE	N0366	Mvrn Effective From Date				date	
MVRN EFFECTIVE TO DATE	N0367	Mvrn Effective To Date				date	
REPORT SNAPSHOT TIME	N0368	Report Snapshot Time				datetime	
TRANSACTION	N0369	Transaction				integer(12)	
FIRST EFFECTIVE PERIOD	N0370	First Effective Period				integer(2)	
SELL-PRICE PRICE ADJUST	N0371	Sell-Price Price Adjust				decimal(10,2)	
BUY-PRICE PRICE ADJUST	N0372	Buy-Price Price Adjust				decimal(10,2)	
REPORT START PERIOD	N0373	Report Start Period				integer(2)	
MONTH	N0374	Month				text(7)	MONYYYY
COUNT OF CVA METERING SYSTEMS	N0375	Count Of Cva Metering Systems				integer(7)	
COUNT OF CVA BM UNITS	N0376	Count Of Cva Bm Units				integer(7)	
COUNT OF SVA BASE BM UNITS	N0377	Count Of Sva Base Bm Units				integer(7)	
COUNT OF SVA ADDITIONAL BM UNITS	N0378	Count Of Sva Additional Bm Units				integer(7)	
COUNT OF SVA REPLACEMENT BASE BM UNITS	N0379	Count Of Sva Replacement Base Bm Units				integer(7)	
COUNT OF SVA REPLACEMENT ADDITIONAL BM UNITS	N0380	Count Of Sva Replacement Additional Bm Units				integer(7)	
GROSS CONTRACT VOLUME	N0381	Gross Contract Volume				number(14,4)	
VOLUME	N0382	Volume				number(13,3)	
SVAA CDCA SETTLEMENT DATE	N0383	Svaa Cdca Settlement Date				date	
SVAA CDCA RUN NUMBER	N0384	Svaa Cdca Run Number				integer(2)	
SAA CDCA RUN NUMBER	N0385	Saa Cdca Run Number				integer(2)	
SYSTEM TOTAL UNPRICED ACCEPTED BID VOLUME	N0386	System Total Unpriced Accepted Bid Volume				decimal(10,3)	
SYSTEM TOTAL UNPRICED ACCEPTED OFFER VOLUME	N0387	System Total Unpriced Accepted Offer Volume				decimal(10,3)	
PERIOD BM UNIT TOTAL PRICED ACCEPTED BID VOLUME	N0388	Period Bm Unit Total Priced Accepted Bid Volume				decimal(10,3)	
PERIOD BM UNIT TOTAL PRICED ACCEPTED OFFER VOLUME	N0389	Period Bm Unit Total Priced Accepted Offer Volume				decimal(10,3)	
CADL FLAG	N0390	Cadl Flag				boolean	
CONTINUOUS ACCEPTANCE DURATION LIMIT	N0391	Continuous Acceptance Duration Limit				integer(2)	
DE MINIMIS ACCEPTANCE THRESHOLD	N0392	De Minimis Acceptance Threshold				decimal(10,3)	
SYSTEM TOTAL PRICED ACCEPTED BID VOLUME	N0393	System Total Priced Accepted Bid Volume				decimal(10,3)	
SYSTEM TOTAL PRICED ACCEPTED OFFER VOLUME	N0394	System Total Priced Accepted Offer Volume				decimal(10,3)	
RESIDUAL CASHFLOW REALLOCATION DENOMINATOR	N0395	Residual Cashflow Reallocation Denominator				decimal(10,3)	
DAYS SINCE LAST SUCCESSFUL OUTSTATION DOWNLOAD	N0396	Days Since Last Successful Outstation Download				integer(4)	
OUTSTATION ALARM CODE	N0397	Outstation Alarm Code				text(2)	
METERING SUBSYSTEM ID	N0398	Metering Subsystem Id				text(10)	
METER REGISTER ID	N0399	Meter Register Id				text(2)	
PERCENTAGE OF MAIN READING	N0400	Percentage Of Main Reading				decimal(5,2)	
METERING EQUIPMENT LOCATION	N0401	Metering Equipment Location				text(30)	
PERCENTAGE OF PRIMARY READING	N0402	Percentage Of Primary Reading				decimal(5,2)	
MINIMUM OUTSTATION CHANNEL LIMIT	N0403	Minimum Outstation Channel Limit				decimal(10,3)	
MAXIMUM OUTSTATION CHANNEL LIMIT	N0404	Maximum Outstation Channel Limit				decimal(10,3)	
METER READING DIFFERENCE	N0405	Meter Reading Difference				decimal(10,3)	
CHECK OUTSTATION ID	N0406	Check Outstation Id				text(20)	
CHECK METER SERIAL NUMBER	N0407	Check Meter Serial Number				text(10)	
CHECK METER REGISTER ID	N0408	Check Meter Register Id				text(2)	
CHECK CHANNEL NUMBER	N0409	Check Channel Number				integer(2)	
SECONDARY OUTSTATION ID	N0410	Secondary Outstation Id				text(20)	
SECONDARY CHANNEL NUMBER	N0411	Secondary Channel Number				integer(2)	
INDIVIDUAL LIQUIDITY THRESHOLD	N0412	Individual Liquidity Threshold				decimal(10,3)	
MARKET INDEX PRICE	N0413	Market Index Price				decimal(10,2)	
MARKET INDEX VOLUME	N0414	Market Index Volume				decimal(10,3)	
NET SYSTEM BUY-PRICE VOLUME ADJUSTMENT	N0415	Net System Buy-Price Volume Adjustment				decimal(10,3)	
NET SYSTEM SELL-PRICE VOLUME ADJUSTMENT	N0416	Net System Sell-Price Volume Adjustment				decimal(10,3)	
NET ENERGY BUY-PRICE VOLUME ADJUSTMENT	N0417	Net Energy Buy-Price Volume Adjustment				decimal(10,3)	
NET ENERGY SELL-PRICE VOLUME ADJUSTMENT	N0418	Net Energy Sell-Price Volume Adjustment				decimal(10,3)	
NET ENERGY BUY-PRICE COST ADJUSTMENT	N0419	Net Energy Buy-Price Cost Adjustment				decimal(10,2)	
NET ENERGY SELL-PRICE COST ADJUSTMENT	N0420	Net Energy Sell-Price Cost Adjustment				decimal(10,2)	
BM UNIT APPLICABLE BALANCING SERVICES VOLUME	N0421	Bm Unit Applicable Balancing Services Volume				decimal(10,3)	
MARKET INDEX DATA PROVIDER NAME	N0422	Market Index Data Provider Name				text(30)	

MARKET INDEX DATA PROVIDER ID	N0423	Market Index Data Provider Id				text(8)	
PROVIDER EFFECTIVE FROM SETTLEMENT DATE	N0424	Provider Effective From Settlement Date				date	
PROVIDER EFFECTIVE TO SETTLEMENT DATE	N0425	Provider Effective To Settlement Date				date	
TRADED PRICE	N0426	Traded Price				decimal(10,2)	
TRADED VOLUME	N0427	Traded Volume				decimal(10,3)	
NIV TAGGED SYSTEM TOTAL UNPRICED BID VOLUME	N0428	Niv Tagged System Total Unpriced Bid Volume				decimal(10,3)	
NIV TAGGED SYSTEM TOTAL UNPRICED OFFER VOLUME	N0429	Niv Tagged System Total Unpriced Offer Volume				decimal(10,3)	
NET IMBALANCE VOLUME	N0430	Net Imbalance Volume				decimal(10,3)	
TOTAL NIV TAGGED VOLUME	N0431	Total Niv Tagged Volume				decimal(10,3)	
NIV TAGGED SBVA	N0432	Niv Tagged Sbva				decimal(10,3)	
NIV TAGGED SSVA	N0433	Niv Tagged Ssva				decimal(10,3)	
UNTAGGED EBCA	N0434	Untagged Ebca				decimal(10,2)	
UNTAGGED EBVA	N0435	Untagged Ebva				decimal(10,3)	
UNTAGGED ESCA	N0436	Untagged Esca				decimal(10,2)	
UNTAGGED ESVA	N0437	Untagged Esva				decimal(10,3)	
TOTAL PERIOD APPLICABLE BALANCING SERVICES VOLUME	N0438	Total Period Applicable Balancing Services Volume				decimal(10,3)	
PRICE DERIVATION CODE	N0439	Price Derivation Code				text(2)	Price Derivation Code
NOTIFICATION MULTIDAY FLAG	N0440	Notification Multiday Flag				char	Multiday Flag
CREDIT DEFAULT LEVEL	N0441	Credit Default Level				integer(1)	Credit Default Level
ENTERED DEFAULT SETTLEMENT DAY	N0442	Entered Default Settlement Day				date	
ENTERED DEFAULT SETTLEMENT PERIOD	N0443	Entered Default Settlement Period				integer(2)	
CLEARED DEFAULT SETTLEMENT DAY	N0444	Cleared Default Settlement Day				date	
CLEARED DEFAULT SETTLEMENT PERIOD	N0445	Cleared Default Settlement Period				integer(2)	
CLEARED DEFAULT TEXT	N0446	Cleared Default Text				text(128)	
ACTUAL ENERGY INDEBTEDNESS	N0447	Actual Energy Indebtedness				decimal(10,3)	
CUMULATIVE CA ENERGY INDEBTEDNESS	N0448	Cumulative Ca Energy Indebtedness				decimal(10,3)	
FROM SETTLEMENT DATE	N0449	From Settlement Date				date	
TO SETTLEMENT DATE	N0450	To Settlement Date				date	
ENERGY INDEBTEDNESS	N0451	Energy Indebtedness				decimal(10,3)	
ACCOUNT PERIOD CA CREDITED ENERGY VOLUME	N0452	Account Period Ca Credited Energy Volume				decimal(10,3)	
ACCOUNT PERIOD ENERGY CONTRACT VOLUME	N0453	Account Period Energy Contract Volume				decimal(10,3)	
ACCOUNT CUMULATIVE CA CREDITED ENERGY VOLUME	N0454	Account Cumulative Ca Credited Energy Volume				decimal(10,3)	
ACCOUNT CUMULATIVE ENERGY CONTRACT VOLUME	N0455	Account Cumulative Energy Contract Volume				decimal(10,3)	
REFERENCE YEAR	N0456	Reference Year				text(9)	
LOAD PERIOD NAME	N0457	Load Period Name				text(30)	
MARKET SECTOR	N0458	Market Sector				text(1)	
MARKET PARTICIPANT ROLE CODE	N0459	Market Participant Role Code				text(1)	
PERIOD END DATE	N0460	Period End Date				date	
PERIODICITY	N0461	Periodicity				text(1)	
NUMBER OF MSIDS FOR WHICH PROVING TEST OUTSTANDING	N0462	Number Of Msids For Which Proving Test Outstanding				integer(7)	
AVERAGE NUMBER OF DAYS PROVING TEST OUTSTANDING	N0463	Average Number Of Days Proving Test Outstanding				decimal(4,1)	
COUNT OF FAULTS OUTSTANDING	N0464	Count Of Faults Outstanding				integer(7)	
NUMBER OF MSIDS WITH FAULT	N0465	Number Of Msids With Fault				integer(7)	
COUNT OF FAULTS IDENTIFIED	N0466	Count Of Faults Identified				integer(7)	
AVERAGE NUMBER OF DAYS FAULTS OUTSTANDING	N0467	Average Number Of Days Faults Outstanding				decimal(4,1)	
AVERAGE NUMBER OF DAYS TAKEN TO RESOLVE FAULT	N0468	Average Number Of Days Taken To Resolve Fault				decimal(4,1)	
BASE TU FLAG	N0469	Base Tu Flag				boolean	
EXEMPT EXPORT FLAG	N0470	Exempt Export Flag				boolean	
CREDIT ASSESSMENT LOAD FACTOR	N0471	Credit Assessment Load Factor				decimal(11,7)	
PRODUCTION/CONSUMPTION STATUS	N0472	Production/Consumption Status				char	P/C Status
COUNT OF CVA EXEMPT EXPORT BM UNITS	N0473	Count Of Cva Exempt Export Bm Units				integer(7)	
COUNT OF SVA EXEMPT EXPORT BM UNITS	N0474	Count Of Sva Exempt Export Bm Units				integer(7)	
TOTAL NUMBER OF SAMPLE SETTLEMENT PERIODS IN LOAD PERIOD	N0475	Total Number Of Sample Settlement Periods In Load Period				integer(5)	
TOTAL NUMBER OF SETTLEMENT PERIODS IN LOAD PERIOD	N0476	Total Number Of Settlement Periods In Load Period				integer(5)	
ASSOCIATED VNNR INDICATOR	N0477	Associated Vnnr Indicator				boolean	
ECVNA ID 2	N0478	Ecvna Id 2				text(8)	
ECVNA NAME 2	N0479	Ecvna Name 2				text(30)	
REPORT REQUIREMENT	N0480	Report Requirement				text(1)	Report Req Set
MVRNA ID 2	N0481	Mvrna Id 2				text(8)	
MVRNA NAME 2	N0482	Mvrna Name 2				text(30)	
NO CHANGE TO EXISTING DATA	N0483	No Change To Existing Data				boolean	
RECIPIENT CONTRACT VOLUME	N0484	Recipient Contract Volume				decimal(10,3)	
COUNTERPARTY CONTRACT VOLUME	N0485	Counterparty Contract Volume				decimal(10,3)	
MATCHED CONTRACT VOLUME	N0486	Matched Contract Volume				decimal(10,3)	
RECIPIENT MV FIXED REALLOCATION	N0487	Recipient Mv Fixed Reallocation				decimal(10,3)	
RECIPIENT MV PERCENTAGE REALLOCATION	N0488	Recipient Mv Percentage Reallocation				decimal(8,5)	

COUNTERPARTY MV FIXED REALLOCATION	N0489	Counterparty Mv Fixed Reallocation				decimal(10,3)	
COUNTERPARTY MV PERCENTAGE REALLOCATION	N0490	Counterparty Mv Percentage Reallocation				decimal(8,5)	
MATCHED MV FIXED REALLOCATION	N0491	Matched Mv Fixed Reallocation				decimal(10,3)	
MATCHED MV PERCENTAGE REALLOCATION	N0492	Matched Mv Percentage Reallocation				decimal(8,5)	
NOTIFICATION TIME	N0493	Notification Time				datetime	
NOTIFICATION SEQUENCE	N0494	Notification Sequence				integer(9)	
FPN DERIVED CREDIT ASSESSMENT CREDITED ENERGY VOLUME	N0495	Fpn Derived Credit Assessment Credited Energy Volume				decimal(10,3)	
NON FPN DERIVED CREDIT ASSESSMENT CREDITED ENERGY VOLUME	N0496	Non Fpn Derived Credit Assessment Credited Energy Volume				decimal(10,3)	
FPN DERIVED ACCOUNT PERIOD CA CREDITED ENERGY VOLUME	N0497	Fpn Derived Account Period Ca Credited Energy Volume				decimal(10,3)	
FPN DERIVED ACCOUNT CUMULATIVE CA CREDITED ENERGY VOLUME	N0498	Fpn Derived Account Cumulative Ca Credited Energy Volume				decimal(10,3)	
NON FPN DERIVED ACCOUNT PERIOD CA CREDITED ENERGY VOLUME	N0499	Non Fpn Derived Account Period Ca Credited Energy Volume				decimal(10,3)	
NON FPN DERIVED ACCOUNT CUMULATIVE CA CREDITED ENERGY VOLUME	N0500	Non Fpn Derived Account Cumulative Ca Credited Energy Volume				decimal(10,3)	
NIV TAGGED ENERGY BUY VOLUME ADJUSTMENT	N0501	Niv Tagged Energy Buy Volume Adjustment				decimal(10,3)	
NIV TAGGED ENERGY SELL VOLUME ADJUSTMENT	N0502	Niv Tagged Energy Sell Volume Adjustment				decimal(10,3)	
PAR TAGGED ENERGY BUY VOLUME ADJUSTMENT	N0503	Par Tagged Energy Buy Volume Adjustment				decimal(10,3)	
PAR TAGGED ENERGY SELL VOLUME ADJUSTMENT	N0504	Par Tagged Energy Sell Volume Adjustment				decimal(10,3)	
TEMPERATURE	N0505	Temperature				decimal(10,3)	Temperature
FUEL TYPE	N0506	Fuel Type				text(8)	Fuel Type Set
STOR VOLUME	N0507	Stor Volume				number(5)	BM Stor
FREQUENCY	N0508	Frequency				decimal(10,3)	Frequency
FUEL TYPE GENERATION	N0509	Fuel Type Generation				number(5)	FT Generation
METERED ENERGY INDEBTEDNESS	N0510	Metered Energy Indebtedness				decimal(10,3)	
MANUAL CREDIT QUALIFYING FLAG	N0511	Manual Credit Qualifying Flag				boolean	
CREDIT QUALIFYING STATUS	N0512	Credit Qualifying Status				boolean	
DEMAND IN PRODUCTION FLAG	N0513	Demand In Production Flag				boolean	
ID	N0514	Id				integer(4)	
COST	N0515	Cost				decimal(10,2)	
VOLUME	N0516	Volume				decimal(10,3)	
TOTAL SYSTEM TAGGED ACCEPTED BID VOLUME	N0517	Total System Tagged Accepted Bid Volume				decimal(10,3)	
TOTAL SYSTEM TAGGED ACCEPTED OFFER VOLUME	N0518	Total System Tagged Accepted Offer Volume				decimal(10,3)	
TOTAL SYSTEM REPRICED ACCEPTED BID VOLUME	N0519	Total System Repriced Accepted Bid Volume				decimal(10,3)	
TOTAL SYSTEM REPRICED ACCEPTED OFFER VOLUME	N0520	Total System Repriced Accepted Offer Volume				decimal(10,3)	
TOTAL SYSTEM ORIGINALLY-PRICED ACCEPTED BID VOLUME	N0521	Total System Originally-Priced Accepted Bid Volume				decimal(10,3)	
TOTAL SYSTEM ORIGINALLY-PRICED ACCEPTED OFFER VOLUME	N0522	Total System Originally-Priced Accepted Offer Volume				decimal(10,3)	
TOTAL SYSTEM ADJUSTMENT SELL VOLUME	N0523	Total System Adjustment Sell Volume				decimal(10,3)	
TOTAL SYSTEM ADJUSTMENT BUY VOLUME	N0524	Total System Adjustment Buy Volume				decimal(10,3)	
TOTAL SYSTEM TAGGED ADJUSTMENT SELL VOLUME	N0525	Total System Tagged Adjustment Sell Volume				decimal(10,3)	
TOTAL SYSTEM TAGGED ADJUSTMENT BUY VOLUME	N0526	Total System Tagged Adjustment Buy Volume				decimal(10,3)	
TOTAL SYSTEM REPRICED ADJUSTMENT SELL VOLUME	N0527	Total System Repriced Adjustment Sell Volume				decimal(10,3)	
TOTAL SYSTEM REPRICED ADJUSTMENT BUY VOLUME	N0528	Total System Repriced Adjustment Buy Volume				decimal(10,3)	
TOTAL SYSTEM ORIGINALLY-PRICED ADJUSTMENT SELL VOLUME	N0529	Total System Originally-Priced Adjustment Sell Volume				decimal(10,3)	
TOTAL SYSTEM ORIGINALLY-PRICED ADJUSTMENT BUY VOLUME	N0530	Total System Originally-Priced Adjustment Buy Volume				decimal(10,3)	
REPLACEMENT PRICE	N0531	Replacement Price				decimal(10,2)	
REPLACEMENT PRICE CALCULATION VOLUME	N0532	Replacement Price Calculation Volume				decimal(10,3)	
BALANCING SERVICES ADJUSTMENT ACTION ID	N0533	Balancing Services Adjustment Action Id				integer(4)	
BALANCING SERVICES ADJUSTMENT ACTION COST	N0534	Balancing Services Adjustment Action Cost				decimal(10,2)	
BALANCING SERVICES ADJUSTMENT ACTION VOLUME	N0535	Balancing Services Adjustment Action Volume				decimal(10,3)	
TAGGED BALANCING SERVICES ADJUSTMENT ACTION VOLUME	N0536	Tagged Balancing Services Adjustment Action Volume				decimal(10,3)	
REPRICED BALANCING SERVICES ADJUSTMENT ACTION VOLUME	N0537	Repriced Balancing Services Adjustment Action Volume				decimal(10,3)	
ORIGINALLY-PRICED BALANCING SERVICES ADJUSTMENT ACTION VOLUME	N0538	Originally-Priced Balancing Services Adjustment Action Volume				decimal(10,3)	
BALANCING SERVICES ADJUSTMENT ACTION SO-FLAG	N0539	Balancing Services Adjustment Action So-Flag				boolean	
PERIOD BM UNIT TAGGED BID VOLUME	N0540	Period Bm Unit Tagged Bid Volume				decimal(10,3)	
PERIOD BM UNIT TAGGED OFFER VOLUME	N0541	Period Bm Unit Tagged Offer Volume				decimal(10,3)	
PERIOD BM UNIT REPRICED BID VOLUME	N0542	Period Bm Unit Repriced Bid Volume				decimal(10,3)	
PERIOD BM UNIT REPRICED OFFER VOLUME	N0543	Period Bm Unit Repriced Offer Volume				decimal(10,3)	
PERIOD BM UNIT ORIGINALLY-PRICED BID VOLUME	N0544	Period Bm Unit Originally-Priced Bid Volume				decimal(10,3)	
PERIOD BM UNIT ORIGINALLY-PRICED OFFER VOLUME	N0545	Period Bm Unit Originally-Priced Offer Volume				decimal(10,3)	
ACCEPTANCE SO-FLAG	N0546	Acceptance So-Flag				boolean	
BID-OFFER PAIR ACCEPTANCE BID VOLUME	N0547	Bid-Offer Pair Acceptance Bid Volume				decimal(10,3)	
BID-OFFER PAIR ACCEPTANCE OFFER VOLUME	N0548	Bid-Offer Pair Acceptance Offer Volume				decimal(10,3)	
SO-FLAG	N0549	So-Flag				varchar2(5)	
AMENDMENT FLAG	N0550	Amendment Flag				varchar2(5)	
OUTPUT USABLE	N0551	Output Usable				number(5)	Output_Usable_Range