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Datenformate Strom & Gas

Anwendungstabelle

ActivationDocument

für den Redispatch 2.0

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Häufigkeit	ActivationDocument / Element/Attribut	SD Prozessschritt von an	Abruf im Aufforderungsfall mit Delta-/Sollwertanweisung					
		Prozessschritt	1	2	3	4	5	6
		von	NB	DP	EIV	NB	DP	LF
		an	DP	EIV	DP -> NB	DP	LF	BKV
optional	*DtdBDEWNachrichtenVersion*		1.0a	1.0a		1.0a	1.0a	1.0a
1 .. 1	xsd:sequence							
1 .. 1	**DocumentIdentification**							
required	*v*		x	x		x	x	x
1 .. 1	**DocumentVersion**							
required	*v*		x	x		x	x	x
1 .. 1	**DocumentType**							
required	*v*		A96	A96		A96	A96	A96
1 .. 1	**ProcessType**							
required	*v*		A41	A41		A41	A41	A41
1 .. 1	**SenderIdentification**							
required	*v*		MP-ID	MP-ID		MP-ID	MP-ID	MP-ID
required	*codingScheme*		A10|NDE	A10|NDE		A10|NDE	A10|NDE	A10|NDE
1 .. 1	**SenderRole**							
required	*v*		A18	A39		A18	A39	Z01
1 .. 1	**ReceiverIdentification**							
required	*v*		MP-ID	MP-ID		MP-ID	MP-ID	MP-ID
required	*codingScheme*		A10|NDE	A10|NDE		A10|NDE	A10|NDE	A10|NDE
1 .. 1	**ReceiverRole**							
required	*v*		A39	A27		A39	Z01	A08
1 .. 1	**CreationDateTime**							
required	*v*		x	x		x	x	x
1 .. 1	**ActivationTimeInterval**							
required	*v*		x	x		x	x	x
0 .. 1	**OrderIdentification**							
required	*v*							
0 .. 1	**OrderIdentificationVersion**							
required	*v*							
1 .. 2	**ActivationTimeSeries**							
1 .. 1	xsd:sequence							
1 .. 1	**AllocationIdentification**							
required	*v*		x	x		x	x	x
1 .. 1	**ResourceProvider**							
required	*v*		MP-ID EIV	MP-ID EIV		MP-ID EIV	MP-ID EIV	MP-ID EIV
required	*codingScheme*		A10|NDE	A10|NDE		A10|NDE	A10|NDE	A10|NDE
1 .. 1	**BusinessType**							
required	*v*		A46|A85	A46|A85		A46|A85	A46|A85	A46|A85
1 .. 1	**AcquiringArea**							
required	*v*		10YCB-GERMANY--8	10YCB-GERMANY--8		10YCB-GERMANY--8	10YCB-GERMANY--8	10YCB-GERMANY--8
required	*codingScheme*		A01	A01		A01	A01	A01
1 .. 1	**ConnectingArea**							

ActivationDocument		SD	Abruf im Aufforderungsfall mit Delta-/Sollwertanweisung					
		Prozessschritt	1	2	3	4	5	6
Häufigkeit	**Element/ Attribut**	von	NB	DP	EIV	NB	DP	LF
		an	DP	EIV	DP -> NB	DP	LF	BKV
required	*v*		10YDE-VE-------2| 10YDE-RWENET---I| 10YDE-EON------1| 10YDE-ENBW-----N| 10YFLENSBURG---3	10YDE-VE-------2| 10YDE-RWENET---I| 10YDE-EON------1| 10YDE-ENBW-----N| 10YFLENSBURG---3		10YDE-VE-------2| 10YDE-RWENET---I| 10YDE-EON------1| 10YDE-ENBW-----N| 10YFLENSBURG---3	10YDE-VE-------2| 10YDE-RWENET---I| 10YDE-EON------1| 10YDE-ENBW-----N| 10YFLENSBURG---3	10YDE-VE-------2| 10YDE-RWENET---I| 10YDE-EON------1| 10YDE-ENBW-----N| 10YFLENSBURG---3
required	*codingScheme*		A01	A01		A01	A01	A01
1 .. 1	**MeasureUnit**							
required	*v*		MAW|P1 [2]	MAW|P1 [2]		MAW|P1 [2]	MAW|P1 [2]	MAW|P1 [2]
1 .. 1	**Direction**							
required	*v*		A01|A02	A01|A02		A01|A02	A01|A02	A01|A02
1 .. 1	**Status**							
required	*v*		A10	A10		A07	A07	A07
1 .. 1	**ResourceObject**							
required	*v*		SR-ID	SR-ID		SR-ID	SR-ID	SR-ID
required	*codingScheme*		NDE	NDE		NDE	NDE	NDE
0 .. 1	**SendersDocumentIdentification**							
	v		x	x				
0 .. 1	**SendersDocumentVersion**							
required	*v*		x	x				
0 .. 1	**SendersDocumentDateTime**							
required	*v*							
0 .. 1	**SendersTimeSeriesIdentification**							
required	*v*							
0 .. 1	**OriginalSenderIdentification**							
required	*v*			MP-ID NB		MP-ID NB	MP-ID NB	MP-ID NB
required	*codingScheme*			A10|NDE		A10|NDE	A10|NDE	A10|NDE
0 .. 1	**OriginalDocumentIdentification**							
required	*v*			x		x	x	x
0 .. 1	**OriginalDocumentVersion**							
required	*v*			x		x	x	x
0 .. 1	**OriginalDocumentDateTime**							
required	*v*			x		x	x	x
0 .. 1	**OriginalAllocationIdentification**							
required	*v*			x		x	x	x
1 .. 1	**Period**							
1 .. 1	xsd:sequence							
1 .. 1	**TimeInterval**							
required	*v*		x	x		x	x	x
1 .. 1	**Resolution**							
required	*v*		PT15M	PT15M		PT15M	PT15M	PT15M
92 .. 100	**Interval**							
1 .. 1	xsd:sequence							

Häufigkeit	Element/Attribut	SD Prozessschritt von an	Abruf im Aufforderungsfall mit Delta-/Sollwertanweisung					
ActivationDocument			1	2	3	4	5	6
		von	NB	DP	EIV	NB	DP	LF
		an	DP	EIV	DP -> NB	DP	LF	BKV
1 .. 1	**Pos**							
required		v	x	x		x	x	x
1 .. 1	**Qty**							
required		v	x	x		x	x	x
0 .. 2	**Reason**							
1 .. 1	xsd:sequence							
1 .. 1	**ReasonCode**							
required		v	Z05|Z06|Z09|Z10	Z05|Z06|Z09|Z10		Z05|Z06|Z09|Z10	Z05|Z06|Z09|Z10	Z05|Z06|Z09|Z10
0 .. 1	**ReasonText**							
required		v						
0 .. unbounded	**Reason**							
1 .. 1	xsd:sequence							
1 .. 1	**ReasonCode**							
required		v						
0 .. 1	**ReasonText**							
required		v						

Häufigkeit	Element/Attribut SD	Abruf im Duldungsfall mit Sollwertanweisung					
	Prozessschritt	1	2	3	4	5	6
	von	NB	DP	EIV	EIV	DP	LF
	an	DP	EIV	DP -> NB	BTR	LF	BKV
optional	*DtdBDEWNachrichtenVersion*	1.0a	1.0a		1.0a	1.0a	1.0a
1 .. 1	xsd:sequence						
1 .. 1	**DocumentIdentification**						
required	*v*	x	x		x	x	x
1 .. 1	**DocumentVersion**						
required	*v*	x	x		x	x	x
1 .. 1	**DocumentType**						
required	*v*	A96	A96		A96	A96	A96
1 .. 1	**ProcessType**						
required	*v*	A41	A41		A41	A41	A41
1 .. 1	**SenderIdentification**						
required	*v*	MP-ID	MP-ID		MP-ID	MP-ID	MP-ID
required	*codingScheme*	A10|NDE	A10|NDE		A10|NDE	A10|NDE	A10|NDE
1 .. 1	**SenderRole**						
required	*v*	A18	A39		A27	A39	Z01
1 .. 1	**ReceiverIdentification**						
required	*v*	MP-ID	MP-ID		MP-ID	MP-ID	MP-ID
required	*codingScheme*	A10|NDE	A10|NDE		A10|NDE	A10|NDE	A10|NDE
1 .. 1	**ReceiverRole**						
required	*v*	A39	A27		A21	Z01	A08
1 .. 1	**CreationDateTime**						
required	*v*	x	x		x	x	x
1 .. 1	**ActivationTimeInterval**						
required	*v*	x	x		x	x	x
0 .. 1	**OrderIdentification**						
required	*v*						
0 .. 1	**OrderIdentificationVersion**						
required	*v*						
1 .. 2	**ActivationTimeSeries**						
1 .. 1	xsd:sequence						
1 .. 1	**AllocationIdentification**						
required	*v*	x	x		x	x	x
1 .. 1	**ResourceProvider**						
required	*v*	MP-ID EIV	MP-ID EIV		MP-ID EIV	MP-ID EIV	MP-ID EIV
required	*codingScheme*	A10|NDE	A10|NDE		A10|NDE	A10|NDE	A10|NDE
1 .. 1	**BusinessType**						
required	*v*	A85	A85		A85	A85	A85
1 .. 1	**AcquiringArea**						
required	*v*	10YCB-GERMANY--8	10YCB-GERMANY--8		10YCB-GERMANY--8	10YCB-GERMANY--8	10YCB-GERMANY--8
required	*codingScheme*	A01	A01		A01	A01	A01
1 .. 1	**ConnectingArea**						

Häufigkeit	Element/ Attribut	SD Prozessschritt	Abruf im Duldungsfall mit Sollwertanweisung					
			1	2	3	4	5	6
		von	NB	DP	EIV	EIV	DP	LF
		an	DP	EIV	DP -> NB	BTR	LF	BKV
required	v		10YDE-VE-------2|10YDE-RWENET---I|10YDE-EON------1|10YDE-ENBW-----N|10YFLENSBURG---3	10YDE-VE-------2|10YDE-RWENET---I|10YDE-EON------1|10YDE-ENBW-----N|10YFLENSBURG---3		10YDE-VE-------2|10YDE-RWENET---I|10YDE-EON------1|10YDE-ENBW-----N|10YFLENSBURG---3	10YDE-VE-------2|10YDE-RWENET---I|10YDE-EON------1|10YDE-ENBW-----N|10YFLENSBURG---3	10YDE-VE-------2|10YDE-RWENET---I|10YDE-EON------1|10YDE-ENBW-----N|10YFLENSBURG---3
required	*codingScheme*		A01	A01		A01	A01	A01
1 .. 1	**MeasureUnit**							
required	v		P1	P1		P1	P1	P1
1 .. 1	**Direction**							
required	v		A01|A02	A01|A02		A01|A02	A01|A02	A01|A02
1 .. 1	**Status**							
required	v		A07	A07		A07	A07	A07
1 .. 1	**ResourceObject**							
required	v		SR-ID	SR-ID		SR-ID	SR-ID	SR-ID
required	*codingScheme*		NDE	NDE		NDE	NDE	NDE
0 .. 1	**SendersDocumentIdentification**							
required	v							
0 .. 1	**SendersDocumentVersion**							
required	v							
0 .. 1	**SendersDocumentDateTime**							
required	v							
0 .. 1	**SendersTimeSeriesIdentification**							
required	v							
0 .. 1	**OriginalSenderIdentification**							
required	v			MP-ID NB		MP-ID NB	MP-ID NB	MP-ID NB
required	*codingScheme*			A10|NDE		A10|NDE	A10|NDE	A10|NDE
0 .. 1	**OriginalDocumentIdentification**							
required	v			x		x	x	x
0 .. 1	**OriginalDocumentVersion**							
required	v			x		x	x	x
0 .. 1	**OriginalDocumentDateTime**							
required	v			x		x	x	x
0 .. 1	**OriginalAllocationIdentification**							
required	v			x		x	x	x
1 .. 1	**Period**							
1 .. 1	xsd:sequence							
1 .. 1	**TimeInterval**							
required	v		x	x		x	x	x
1 .. 1	**Resolution**							
required	v		PT15M	PT15M		PT15M	PT15M	PT15M
92 .. 100	**Interval**							
1 .. 1	xsd:sequence							

Häufigkeit	Element/ Attribut	SD	Abruf im Duldungsfall mit Sollwertanweisung					
		Prozessschritt	1	2	3	4	5	6
		von	NB	DP	EIV	EIV	DP	LF
		an	DP	EIV	DP -> NB	BTR	LF	BKV
1 .. 1	**Pos**							
required	*v*		x	x		x	x	x
1 .. 1	**Qty**							
required	*v*		x	x		x	x	x
0 .. 2	**Reason**							
1 .. 1	xsd:sequence							
1 .. 1	**ReasonCode**							
required	*v*		Z05|Z06|Z09|Z10	Z05|Z06|Z09|Z10		Z05|Z06|Z09|Z10	Z05|Z06|Z09|Z10	Z05|Z06|Z09|Z10
0 .. 1	**ReasonText**							
required	*v*							
0 .. unbounded	**Reason**							
1 .. 1	xsd:sequence							
1 .. 1	**ReasonCode**							
required	*v*							
0 .. 1	**ReasonText**							
required	*v*							

Häufigkeit	Element/Attribut	SD von an	Übermittlung des Abrufs einer steuerbaren Ressource an anweisenden NB mit DP				Übermittlung des Abrufs einer steuerbaren Ressource an anweisenden NB ohne DP	
	Prozessschritt		1	2	3	4	1	2
		von	NB (anfNB)	DP	NB (anwNB)	DP	NB (anfNB)	NB (anwNB)
		an	DP	NB (anwNB)	DP	NB (anfNB)	NB (anwNB)	NB (anfNB)
optional	*DtdBDEWNachrichtenVersion*		1.0a	1.0a	1.0a	1.0a	1.0a	1.0a
1 .. 1	xsd:sequence							
1 .. 1	**DocumentIdentification**							
required	*v*		x	x	x	x	x	x
1 .. 1	**DocumentVersion**							
required	*v*		x	x	x	x	x	x
1 .. 1	**DocumentType**							
required	*v*		A96	A96	A41	A41	A96	A41
1 .. 1	**ProcessType**							
required	*v*		A41	A41	A41	A41	A41	A41
1 .. 1	**SenderIdentification**							
required	*v*		MP-ID	MP-ID	MP-ID	MP-ID	MP-ID	MP-ID
required	*codingScheme*		A10|NDE	A10|NDE	A10|NDE	A10|NDE	A10|NDE	A10|NDE
1 .. 1	**SenderRole**							
required	*v*		A18	A39	A18	A39	A18	A18
1 .. 1	**ReceiverIdentification**							
required	*v*		MP-ID	MP-ID	MP-ID	MP-ID	MP-ID	MP-ID
required	*codingScheme*		A10|NDE	A10|NDE	A10|NDE	A10|NDE	A10|NDE	A10|NDE
1 .. 1	**ReceiverRole**							
required	*v*		A39	A18	A39	A18	A18	A18
1 .. 1	**CreationDateTime**							
required	*v*		x	x	x	x	x	x
1 .. 1	**ActivationTimeInterval**							
required	*v*		x	x	x	x	x	x
0 .. 1	**OrderIdentification**							
required	*v*				x	x		x
0 .. 1	**OrderIdentificationVersion**							
required	*v*				x	x		x
1 .. 2	**ActivationTimeSeries**							
1 .. 1	xsd:sequence							
1 .. 1	**AllocationIdentification**							
required	*v*		x	x	x	x	x	x
1 .. 1	**ResourceProvider**							
required	*v*		MP-ID EIV	MP-ID EIV	MP-ID EIV	MP-ID EIV	MP-ID EIV	MP-ID EIV
required	*codingScheme*		A10|NDE	A10|NDE	A10|NDE	A10|NDE	A10|NDE	A10|NDE
1 .. 1	**BusinessType**							
required	*v*		A46|A85	A46|A85	A46|A85	A46|A85	A46|A85	A46|A85
1 .. 1	**AcquiringArea**							
required	*v*		10YCB-GERMANY--8	10YCB-GERMANY--8	10YCB-GERMANY--8	10YCB-GERMANY--8	10YCB-GERMANY--8	10YCB-GERMANY--8
required	*codingScheme*		A01	A01	A01	A01	A01	A01
1 .. 1	**ConnectingArea**							

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Häufigkeit	Element/Attribut	SD / von / an	Übermittlung des Abrufs einer steuerbaren Ressource an anweisenden NB mit DP				Übermittlung des Abrufs einer steuerbaren Ressource an anweisenden NB ohne DP	
ActivationDocument		Prozessschritt	1	2	3	4	1	2
		von	NB (anfNB)	DP	NB (anwNB)	DP	NB (anfNB)	NB (anwNB)
		an	DP	NB (anwNB)	DP	NB (anfNB)	NB (anwNB)	NB (anfNB)
required	*v*		10YDE-VE-------2| 10YDE-RWENET---I| 10YDE-EON------1| 10YDE-ENBW-----N| 10YFLENSBURG---3	10YDE-VE-------2| 10YDE-RWENET---I| 10YDE-EON------1| 10YDE-ENBW-----N| 10YFLENSBURG---3	10YDE-VE-------2| 10YDE-RWENET---I| 10YDE-EON------1| 10YDE-ENBW-----N| 10YFLENSBURG---3	10YDE-VE-------2| 10YDE-RWENET---I| 10YDE-EON------1| 10YDE-ENBW-----N| 10YFLENSBURG---3	10YDE-VE-------2| 10YDE-RWENET---I| 10YDE-EON------1| 10YDE-ENBW-----N| 10YFLENSBURG---3	10YDE-VE-------2| 10YDE-RWENET---I| 10YDE-EON------1| 10YDE-ENBW-----N| 10YFLENSBURG---3
required	*codingScheme*		A01	A01	A01	A01	A01	A01
1 .. 1	**MeasureUnit**							
required	*v*		MAW|P1	MAW|P1	MAW|P1	MAW|P1	MAW|P1	MAW|P1
1 .. 1	**Direction**							
required	*v*		A01|A02	A01|A02	A01|A02	A01|A02	A01|A02	A01|A02
1 .. 1	**Status**							
required	*v*		A10	A10	A06	A06	A10	A06
1 .. 1	**ResourceObject**							
required	*v*		SR-ID	SR-ID	SR-ID	SR-ID	SR-ID	SR-ID
required	*codingScheme*		NDE	NDE	NDE	NDE	NDE	NDE
0 .. 1	**SendersDocumentIdentification**							
required	*v*		x	x			x	
0 .. 1	**SendersDocumentVersion**							
required	*v*		x	x			x	
0 .. 1	**SendersDocumentDateTime**							
required	*v*							
0 .. 1	**SendersTimeSeriesIdentification**							
required	*v*							
0 .. 1	**OriginalSenderIdentification**							
required	*v*			MP-ID anf. NB		MP-ID anw. NB		
required	*codingScheme*			A10|NDE		A10|NDE		
0 .. 1	**OriginalDocumentIdentification**							
required	*v*			x		x		
0 .. 1	**OriginalDocumentVersion**							
required	*v*			x		x		
0 .. 1	**OriginalDocumentDateTime**							
required	*v*			x		x		
0 .. 1	**OriginalAllocationIdentification**							
required	*v*			x		x		
1 .. 1	**Period**							
1 .. 1	xsd:sequence							
1 .. 1	**TimeInterval**							
required	*v*		x	x	x	x	x	x
1 .. 1	**Resolution**							
required	*v*		PT15M	PT15M	PT15M	PT15M	PT15M	PT15M
92 .. 100	**Interval**							
1 .. 1	xsd:sequence							

Häufigkeit	Element/ Attribut	SD / Prozessschritt / von / an	Übermittlung des Abrufs einer steuerbaren Ressource an anweisenden NB mit DP				Übermittlung des Abrufs einer steuerbaren Ressource an anweisenden NB ohne DP	
		Prozessschritt	1	2	3	4	1	2
		von	NB (anfNB)	DP	NB (anwNB)	DP	NB (anfNB)	NB (anwNB)
		an	DP	NB (anwNB)	DP	NB (anfNB)	NB (anwNB)	NB (anfNB)
1 .. 1	**Pos**							
required	*v*		x	x	x	x	x	x
1 .. 1	**Qty**							
required	*v*		x	x	x	x	x	x
0 .. 2	**Reason**							
1 .. 1	xsd:sequence							
1 .. 1	**ReasonCode**							
required	*v*		Z05|Z06|Z09|Z10	Z05|Z06|Z09|Z10	A44|A95	A44|A95	Z05|Z06|Z09|Z10	A44|A95
0 .. 1	**ReasonText**							
required	*v*				o	o		o
0 .. unbounded	**Reason**							
1 .. 1	xsd:sequence							
1 .. 1	**ReasonCode**							
required	*v*				A57|A95|A96	A57|A95|A96		A57|A95|A96
0 .. 1	**ReasonText**							
required	*v*							o

ActivationDocument		SD	Abruf für eine Cluster-Ressource mit DP				Abruf für eine Cluster-Ressource ohne DP	
		Prozessschritt	1	2	3	4	1	2
Häufigkeit	Element/	von	NB (anfNB)	DP	NB (anwNB)	DP	NB (anfNB)	NB (anwNB)
	Attribut	an	DP	NB (anwNB)	DP	NB (anfNB)	NB (anwNB)	NB (anfNB)
optional	*DtdBDEWNachrichtenVersion*		1.0a	1.0a	1.0a	1.0a	1.0a	1.0a
1 .. 1	xsd:sequence							
1 .. 1	**DocumentIdentification**							
required	*v*		x	x	x	x	x	x
1 .. 1	**DocumentVersion**							
required	*v*		x	x	x	x	x	x
1 .. 1	**DocumentType**							
required	*v*		A96	A96	A41	A41	A96	A41
1 .. 1	**ProcessType**							
required	*v*		A41	A41	A41	A41	A41	A41
1 .. 1	**SenderIdentification**							
required	*v*		MP-ID	MP-ID	MP-ID	MP-ID	MP-ID	MP-ID
required	*codingScheme*		A10|NDE	A10|NDE	A10|NDE	A10|NDE	A10|NDE	A10|NDE
1 .. 1	**SenderRole**							
required	*v*		A18	A39	A18	A39	A18	A18
1 .. 1	**ReceiverIdentification**							
required	*v*		MP-ID	MP-ID	MP-ID	MP-ID	MP-ID	MP-ID
required	*codingScheme*		A10|NDE	A10|NDE	A10|NDE	A10|NDE	A10|NDE	A10|NDE
1 .. 1	**ReceiverRole**							
required	*v*		A39	A18	A39	A18	A18	A18
1 .. 1	**CreationDateTime**							
required	*v*		x	x	x	x	x	x
1 .. 1	**ActivationTimeInterval**							
required	*v*		x	x	x	x	x	x
0 .. 1	**OrderIdentification**							
required	*v*				x	x		x
0 .. 1	**OrderIdentificationVersion**							
required	*v*				x	x		x
1 .. 2	**ActivationTimeSeries**							
1 .. 1	xsd:sequence							
1 .. 1	**AllocationIdentification**							
required	*v*		x	x	x	x	x	x
1 .. 1	**ResourceProvider**							
required	*v*		MP-ID EIV	MP-ID EIV	MP-ID EIV	MP-ID EIV	MP-ID EIV	MP-ID EIV
required	*codingScheme*		A10|NDE	A10|NDE	A10|NDE	A10|NDE	A10|NDE	A10|NDE
1 .. 1	**BusinessType**							
required	*v*		A46	A46	A46	A46	A46	A46
1 .. 1	**AcquiringArea**							
required	*v*		10YCB-GERMANY--8	10YCB-GERMANY--8	10YCB-GERMANY--8	10YCB-GERMANY--8	10YCB-GERMANY--8	10YCB-GERMANY--8
required	*codingScheme*		A01	A01	A01	A01	A01	A01
1 .. 1	**ConnectingArea**							

ActivationDocument		SD	Abruf für eine Cluster-Ressource mit DP				Abruf für eine Cluster-Ressource ohne DP	
		Prozessschritt	1	2	3	4	1	2
Häufigkeit	Element/Attribut	von	NB (anfNB)	DP	NB (anwNB)	DP	NB (anfNB)	NB (anwNB)
		an	DP	NB (anwNB)	DP	NB (anfNB)	NB (anwNB)	NB (anfNB)
required	v		10YDE-VE-------2| 10YDE-RWENET---I| 10YDE-EON------1| 10YDE-ENBW-----N| 10YFLENSBURG---3	10YDE-VE-------2| 10YDE-RWENET---I| 10YDE-EON------1| 10YDE-ENBW-----N| 10YFLENSBURG---3	10YDE-VE-------2| 10YDE-RWENET---I| 10YDE-EON------1| 10YDE-ENBW-----N| 10YFLENSBURG---3	10YDE-VE-------2| 10YDE-RWENET---I| 10YDE-EON------1| 10YDE-ENBW-----N| 10YFLENSBURG---3	10YDE-VE-------2| 10YDE-RWENET---I| 10YDE-EON------1| 10YDE-ENBW-----N| 10YFLENSBURG---3	10YDE-VE-------2| 10YDE-RWENET---I| 10YDE-EON------1| 10YDE-ENBW-----N| 10YFLENSBURG---3
required	codingScheme		A01	A01	A01	A01	A01	A01
1 .. 1	MeasureUnit							
required	v		MAW	MAW	MAW	MAW	MAW	MAW
1 .. 1	Direction							
required	v		A01|A02	A01|A02	A01|A02	A01|A02	A01|A02	A01|A02
1 .. 1	Status							
required	v		A10	A10	A06	A06	A10	A06
1 .. 1	ResourceObject							
required	v		CR-ID	CR-ID	CR-ID	CR-ID	CR-ID	CR-ID
required	codingScheme		NDE	NDE	NDE	NDE	NDE	NDE
0 .. 1	SendersDocumentIdentification							
	v		x	x			x	
0 .. 1	SendersDocumentVersion							
required	v		x	x			x	
0 .. 1	SendersDocumentDateTime							
required	v							
0 .. 1	SendersTimeSeriesIdentification							
required	v							
0 .. 1	OriginalSenderIdentification							
required	v			MP-ID anf. NB		MP-ID anw. NB		
required	codingScheme			A10|NDE		A10|NDE		
0 .. 1	OriginalDocumentIdentification							
required	v			x		x		
0 .. 1	OriginalDocumentVersion							
required	v			x		x		
0 .. 1	OriginalDocumentDateTime							
required	v			x		x		
0 .. 1	OriginalAllocationIdentification							
required	v			x		x		
1 .. 1	Period							
1 .. 1	xsd:sequence							
1 .. 1	TimeInterval							
required	v		x	x	x	x	x	x
1 .. 1	Resolution							
required	v		PT15M	PT15M	PT15M	PT15M	PT15M	PT15M
92 .. 100	Interval							
1 .. 1	xsd:sequence							

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ActivationDocument		SD	Abruf für eine Cluster-Ressource mit DP				Abruf für eine Cluster-Ressource ohne DP	
		Prozessschritt	1	2	3	4	1	2
Häufigkeit	Element/ Attribut	von	NB (anfNB)	DP	NB (anwNB)	DP	NB (anfNB)	NB (anwNB)
		an	DP	NB (anwNB)	DP	NB (anfNB)	NB (anwNB)	NB (anfNB)
1 .. 1	**Pos**							
required	v		x	x	x	x	x	x
1 .. 1	**Qty**							
required	v		x	x	x	x	x	x
0 .. 2	**Reason**							
1 .. 1	xsd:sequence							
1 .. 1	**ReasonCode**							
required	v		Z05|Z06|Z09|Z10	Z05|Z06|Z09|Z10	A44|A95	A44|A95	Z05|Z06|Z09|Z10	A44|A95
0 .. 1	**ReasonText**							
required	v				o	o		o
0 .. unbounded	**Reason**							
1 .. 1	xsd:sequence							
1 .. 1	**ReasonCode**							
required	v				A57|A95|A96	A57|A95|A96		A57|A95|A96
0 .. 1	**ReasonText**							
required	v				o	o		o

Häufigkeit	Element/ Attribut	SD Prozessschritt von an	Abruf für eine Steuergruppe mit DP				Abruf für eine Steuergruppe ohne DP	
			1	2	3	4	1	2
		von	NB (anfNB)	DP	NB (anwNB)	DP	NB (anfNB)	NB (anwNB)
		an	DP	NB (anwNB)	DP	NB (anfNB)	NB (anwNB)	NB (anfNB)
optional	*DtdBDEWNachrichtenVersion*		1.0a	1.0a	1.0a	1.0a	1.0a	1.0a
1 .. 1	xsd:sequence							
1 .. 1	**DocumentIdentification**							
required	*v*		x	x	x	x	x	x
1 .. 1	**DocumentVersion**							
required	*v*		x	x	x	x	x	x
1 .. 1	**DocumentType**							
required	*v*		A96	A96	A41	A41	A96	A41
1 .. 1	**ProcessType**							
required	*v*		A41	A41	A41	A41	A41	A41
1 .. 1	**SenderIdentification**							
required	*v*		MP-ID	MP-ID	MP-ID	MP-ID	MP-ID	MP-ID
required	*codingScheme*		A10|NDE	A10|NDE	A10|NDE	A10|NDE	A10|NDE	A10|NDE
1 .. 1	**SenderRole**							
required	*v*		A18	A39	A18	A39	A18	A18
1 .. 1	**ReceiverIdentification**							
required	*v*		MP-ID	MP-ID	MP-ID	MP-ID	MP-ID	MP-ID
required	*codingScheme*		A10|NDE	A10|NDE	A10|NDE	A10|NDE	A10|NDE	A10|NDE
1 .. 1	**ReceiverRole**							
required	*v*		A39	A18	A39	A18	A18	A18
1 .. 1	**CreationDateTime**							
required	*v*		x	x	x	x	x	x
1 .. 1	**ActivationTimeInterval**							
required	*v*		x	x	x	x	x	x
0 .. 1	**OrderIdentification**							
required	*v*				x	x		x
0 .. 1	**OrderIdentificationVersion**							
required	*v*				x	x		x
1 .. 2	**ActivationTimeSeries**							
1 .. 1	xsd:sequence							
1 .. 1	**AllocationIdentification**							
required	*v*		x	x	x	x	x	x
1 .. 1	**ResourceProvider**							
required	*v*		MP-ID EIV	MP-ID EIV	MP-ID EIV	MP-ID EIV	MP-ID EIV	MP-ID EIV
required	*codingScheme*		A10|NDE	A10|NDE	A10|NDE	A10|NDE	A10|NDE	A10|NDE
1 .. 1	**BusinessType**							
required	*v*		A46|A85	A46|A85	A46|A85	A46|A85	A46|A85	A46|A85
1 .. 1	**AcquiringArea**							
required	*v*		10YCB-GERMANY--8	10YCB-GERMANY--8	10YCB-GERMANY--8	10YCB-GERMANY--8	10YCB-GERMANY--8	10YCB-GERMANY--8
required	*codingScheme*		A01	A01	A01	A01	A01	A01
1 .. 1	**ConnectingArea**							

Häufigkeit	Element/ Attribut	SD Prozessschritt von an	Abruf für eine Steuergruppe mit DP				Abruf für eine Steuergruppe ohne DP	
ActivationDocument			1	2	3	4	1	2
		von	NB (anfNB)	DP	NB (anwNB)	DP	NB (anfNB)	NB (anwNB)
		an	DP	NB (anwNB)	DP	NB (anfNB)	NB (anwNB)	NB (anfNB)
required	v		10YDE-VE-------2| 10YDE-RWENET---I| 10YDE-EON------1| 10YDE-ENBW-----N| 10YFLENSBURG---3	10YDE-VE-------2| 10YDE-RWENET---I| 10YDE-EON------1| 10YDE-ENBW-----N| 10YFLENSBURG---3	10YDE-VE-------2| 10YDE-RWENET---I| 10YDE-EON------1| 10YDE-ENBW-----N| 10YFLENSBURG---3	10YDE-VE-------2| 10YDE-RWENET---I| 10YDE-EON------1| 10YDE-ENBW-----N| 10YFLENSBURG---3	10YDE-VE-------2| 10YDE-RWENET---I| 10YDE-EON------1| 10YDE-ENBW-----N| 10YFLENSBURG---3	10YDE-VE-------2| 10YDE-RWENET---I| 10YDE-EON------1| 10YDE-ENBW-----N| 10YFLENSBURG---3
required	*codingScheme*		A01	A01	A01	A01	A01	A01
1 .. 1	**MeasureUnit**							
required	v		MAW|P1	MAW|P1	MAW|P1	MAW|P1	MAW|P1	MAW|P1
1 .. 1	**Direction**							
required	v		A01|A02	A01|A02	A01|A02	A01|A02	A01|A02	A01|A02
1 .. 1	**Status**							
required	v		A10	A10	A06	A06	A10	A06
1 .. 1	**ResourceObject**							
required	v		SG-ID	SG-ID	SG-ID	SG-ID	SG-ID	SG-ID
required	*codingScheme*		NDE	NDE	NDE	NDE	NDE	NDE
0 .. 1	**SendersDocumentIdentification**							
	v		x	x			x	
0 .. 1	**SendersDocumentVersion**							
required	v		x	x			x	
0 .. 1	**SendersDocumentDateTime**							
required	v							
0 .. 1	**SendersTimeSeriesIdentification**							
required	v							
0 .. 1	**OriginalSenderIdentification**							
required	v			MP-ID anf. NB		MP-ID anw. NB		
required	*codingScheme*			A10|NDE		A10|NDE		
0 .. 1	**OriginalDocumentIdentification**							
required	v			x		x		
0 .. 1	**OriginalDocumentVersion**							
required	v			x		x		
0 .. 1	**OriginalDocumentDateTime**							
required	v			x		x		
0 .. 1	**OriginalAllocationIdentification**							
required	v			x		x		
1 .. 1	**Period**							
1 .. 1	xsd:sequence							
1 .. 1	**TimeInterval**							
required	v		x	x	x	x	x	x
1 .. 1	**Resolution**							
required	v		PT15M	PT15M	PT15M	PT15M	PT15M	PT15M
92 .. 100	**Interval**							
1 .. 1	xsd:sequence							

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Häufigkeit	Element/Attribut	SD	Abruf für eine Steuergruppe mit DP				Abruf für eine Steuergruppe ohne DP	
		Prozessschritt	1	2	3	4	1	2
		von	NB (anfNB)	DP	NB (anwNB)	DP	NB (anfNB)	NB (anwNB)
		an	DP	NB (anwNB)	DP	NB (anfNB)	NB (anwNB)	NB (anfNB)
1 .. 1	**Pos**							
required	*v*		x	x	x	x	x	x
1 .. 1	**Qty**							
required	*v*		x	x	x	x	x	x
0 .. 2	**Reason**							
1 .. 1	xsd:sequence							
1 .. 1	**ReasonCode**							
required	*v*		Z05|Z06|Z09|Z10	Z05|Z06|Z09|Z10	A44|A95	A44|A95	Z05|Z06|Z09|Z10	A44|A95
0 .. 1	**ReasonText**							
required	*v*				o	o		o
0 .. unbounded	**Reason**							
1 .. 1	xsd:sequence							
1 .. 1	**ReasonCode**							
required	*v*				A57|A95|A96	A57|A95|A96		A57|A95|A96
0 .. 1	**ReasonText**							
required	*v*				o	o		o

Fußnoten

Fußnote	Hinweis
[1]	*gelöscht*
[2]	Bei der Sollwertanweisung ist nur die MeasureUnit P1 zu verwenden; bei der Deltaanweisung sind beide MeasureUnits MAW und P1 möglich.
[3]	*gelöscht*