

DCC Forecast and Order Information Pack

Quarterly Forecasts

- Comms Hubs and Smart Meters
- SMKI Certificate Signing Requests
- Service Requests

Monthly Forecasts

- Comms Hubs Forecast
- Comms Hubs Order

Process

Obligations

Key Dates



Overview - DCC Forecast and Order

Forecasts & Orders

Monthly



Comms Hubs Forecast

Submit 5 full Working Days before month end 

Comms Hubs Order



Submit 5 full Working Days before month end



Quarterly



Comms Hubs & Smart Meters

Submit by Working Day 3 

SMKI CSR Forecast



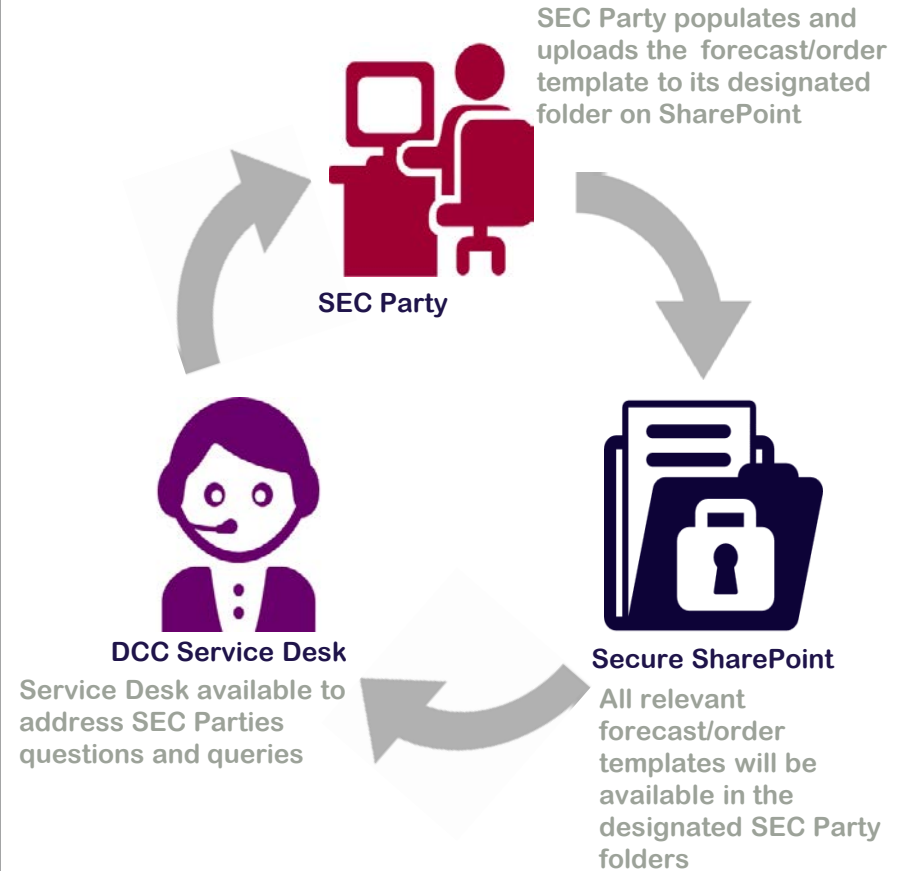
Submit by Working Day 15



Service Requests Forecast

Submit by Working Day 15 

Process



Send your questions/queries to servicedesk@smartdcc.co.uk

Comms Hub Forecast & Order - Monthly

Timeline

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC



Comms Hub Forecast
Comms Hub Order

Submission due 5 full Working Days before
end of the month

Worked Example of Monthly Comms Hub Forecast & Order

		Delivery Month									
		Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
Submission Month	May-15	10,752	13,440	13,440	13,440	13,440	13,440	13,440	13,440	13,440	13,440
	Jun-15	8,960	10,752	13,440	13,440	13,440	13,440	13,440	13,440	13,440	13,440
	Jul-15	8,960	40,320	10,752	13,440	13,440	13,440	13,440	13,440	13,440	13,440
	Aug-15	8,288	8,960	8,960	10,752	13,440	13,440	13,440	13,440	13,440	13,440
	Sep-15	8,288	8,288	8,960	8,960	10,752	13,440	13,440	13,440	13,440	13,440
	Oct-15	7,168	8,288	8,288	8,960	8,960	10,752	13,440	13,440	13,440	13,440
	Nov-15	7,168	7,168	8,288	8,288	8,960	8,960	10,752	13,440	13,440	13,440
	Dec-15	7,168	7,168	7,168	8,288	8,288	8,960	8,960	10,752	13,440	13,440
	Jan-16	7,168	7,168	7,168	7,168	8,288	8,288	8,960	8,960	10,752	13,440
	Feb-16	7,168	7,168	7,168	7,168	7,168	8,288	8,288	8,960	8,960	10,752
	Mar-16	Delivery	7,168	7,168	7,168	7,168	7,168	8,288	8,288	8,960	8,960
	Apr-16		Delivery	7,168	7,168	7,168	7,168	7,168	8,288	8,288	8,960
May-16			Delivery	7,168	7,168	7,168	7,168	7,168	8,288	8,288	
Jun-16				Delivery	7,168	7,168	7,168	7,168	7,168	8,288	
Jul-16					Delivery	7,168	7,168	7,168	7,168	7,168	
Aug-16						Delivery	7,168	7,168	7,168	7,168	
Sep-16							Delivery	7,168	7,168	7,168	
Oct-16								Delivery	7,168	7,168	
Nov-16									Delivery	7,168	
Dec-16										Delivery	

Key:

- 10th Month forecast
- 7th Month Forecast
- Order Submitted
- Delivery Month

Forecast Guidelines

- 24 month rolling forecast by regions
- Minimum 896 units, multiples of 224 thereafter (per region)
- A SEC Party requiring a delivery of hubs in a given month, must submit its first forecast 10 months prior to the required delivery month

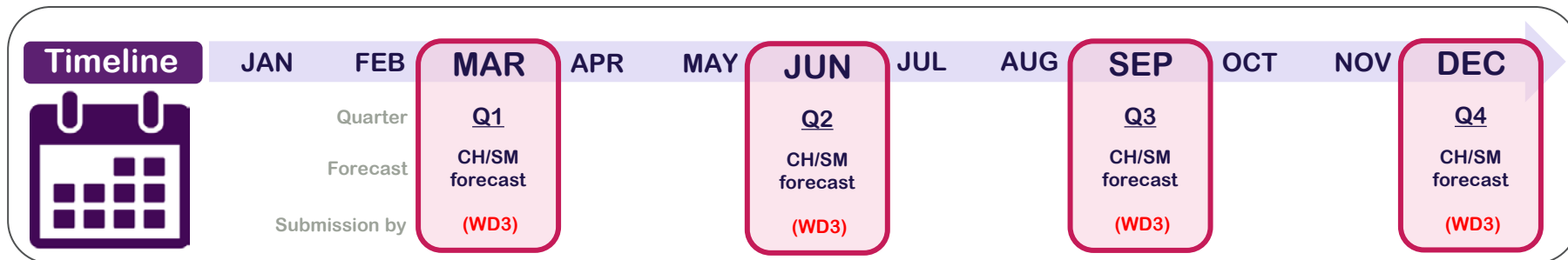
Order Guidelines

- Order submission 5 months before delivery date
- Minimum 896 units, multiples of 224 thereafter (per region)
- Order by hub variant
- Order subject to these thresholds:
 - +/-50% of month 10 forecast, and
 - +/-20% of month 7 forecast
- Orders outside of the thresholds may be subject to amendment in accordance with the Comms Hubs Order Policy

Additional information

- Section F5 – SEC 4.5 and Comms Hubs Handover Support Materials

Comms Hubs & Smart Meter Forecast - Quarterly



Data Requirements

- Comms Hub Orders
- Comms Hub Installs
- Comms Hub Stock
- Comms Hub Faults
 - SEC Party/DCC Faults
- Smart Meter Installs
 - Domestic/Non-Domestic
- Service Requests
 - SR Variant
 - Future Dated
 - Scheduled
 - On Demand

Comms Hub and SM Template

Regulatory Years	2016/17	2016/17	2016/17	2016/17	
	Months	Apr-16	May-16	Jun-16	Jul-16
North Region - Comms Hub	Orders				
	Orders Accepted (%)	100%	100%	100%	100%
	Orders Accepted	-	-	-	-
	Installed				
	Domestic				
	Non-Domestic				
	Closing Stock				
	Faults/Removals/Returns				
	Sec Party: Pre Install				
	Sec Party: Post Install				
DCC: Pre Install					
DCC: Post Install					
North Region - Smart Meters	Domestic				
	Import Electricity Meters				
	Export Electricity Meters				
	Gas Meters				
	Non-Domestic				
	Import Electricity Meters				
	Export Electricity Meters				
Total Meters					

Forecast Guidelines

- 36 month forecast by region
- Minimum 896 units, multiples of 224 thereafter (per region)
- SR forecast required for all devices (GSME, ESME, Comms Hub, HCALCS, PPMID, GPF) – definitions available in forecast template
- Submission due Working Day 3 of March, June, September and December
- Forecast is used to set rates/charges in Charging Statement and Budgets

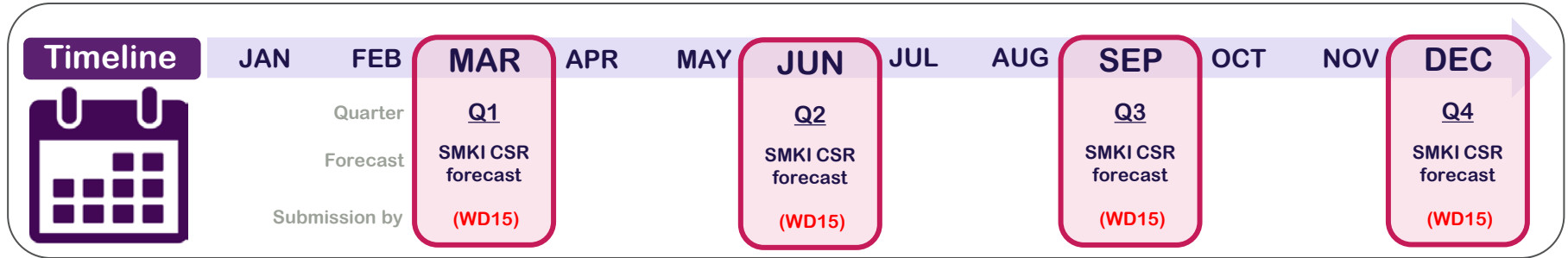
Additional information

- Section F5 – SEC 4.5

Acronyms:

CH – Comms Hub SM – Smart Meters SR – Service Requests WD – Working Day

SMKI CSR Forecast - Quarterly



Data Requirements

- 8 month forecast
- SMKI Certificate Signing Requests
 - Batch Requests
 - Single Requests
- CSR's for following devices:
 - GSME
 - ESME
 - Comms Hubs
 - HCALCS
 - PPMID
 - GPF

SMKI CSR Template

SMKI - Certificate Signing Requests - Forecast

SEC Party Name:

Party Unique Identifier:

Submitted by:

Month/Year submitted:

SMKI CSR - Total

Regulatory Years Months	2015/16		2015/16		2015/16	
	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
Single Certificate Signing Requests	0	0	0	0	0	0
Batch Certificate Signing Requests	0	0	0	0	0	0
Total Month	0	0	0	0	0	0

Forecast Guidelines

- 8 month rolling forecast
- Total number of certificates
- Guide of 50,000 certificates per day
- Certificates required on all devices (GSME, ESME, Comms Hub, HCALCS, PPMID, GPF)
- Actuals must be **+/-10%** of forecasts
- Submission due Working Day 15 of March, June, September and December

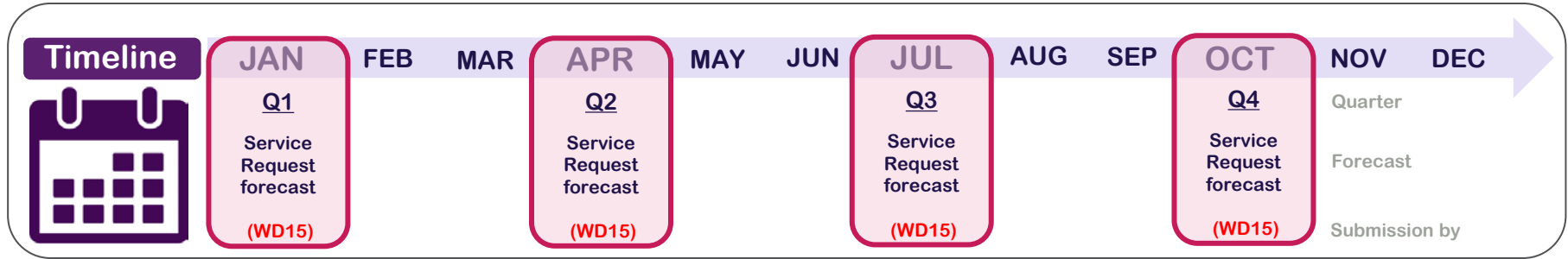
Additional information

- Section L8 – SEC 4.5 and SMKI CoCo
- SMKI CSR – Smart Meter Key Infrastructure Certificate Signing Requests

Acronyms:

HCALCS – HAN Connected Auxiliary Load Control Switch
 PPMID – Pre-Payment meter Interface Device
 GPF – Gas Proxy Function

Service Request Forecast - Quarterly



- ### Requirements
- 8 month forecast
 - Service Requests by variant
 - Future Dates
 - Scheduled
 - On Demand
 - SRs for following devices:
 - GSME
 - ESME
 - Comms Hubs
 - HCALCS
 - PPMID
 - GPF

Service Request Template

DUIS/SR Ref	SR Variant	SR Name	Population	Apr 15	May 15
1.1	1.1.1	Update Import Tariff (Primary Element)	All Meters		
1.1	1.1.2	Update Import Tariff (Secondary Element)	Total Electricity Meters		
1.1	1.1.1	Update Import Tariff (Primary Element)	New Meters		
1.1	1.1.2	Update Import Tariff (Secondary Element)	New Meters		
1.2	1.2.1	Update Price (Primary Element)	All Meters		
1.2	1.2.2	Update Price (Secondary Element)	All Meters		
1.5	1.5	Update Meter Balance	Total PP Meters		
1.6	1.6	Update Payment Mode	All Meters		
1.7	1.7	Reset Tariff Block Counter Matrix	All Meters		
2.1	2.1	Update Prepay Configuration	Total PP Meters		
2.2	2.2	Top Up Device	Total PP Meters		
2.3	2.3	Update Debt	Total PP Meters		
2.5	2.5	Activate Emergency Credit	Total PP Meters		
3.1	3.1	Display Message	All Meters		
3.2	3.2	Restrict Access For Change Of Tenancy	All Meters		
3.3	3.3	Clear Event Log	All Meters		
3.4	3.4	Update Supplier Name	All Meters		
3.5	3.5	Disable Privacy PIN	All Meters		
4.1	4.1.1	Read Instantaneous Import Registers	All Meters		
4.1	4.1.2	Read Instantaneous Import TOU Matrices	All Meters		
4.1	4.1.3	Read Instantaneous Import TOU With Works Matrices	All Meters		
4.1	4.1.4	Read Instantaneous Import Block Counters	Total Gas Meters		
4.2	4.2	Read Instantaneous Export Registers	Total Electricity Meters		
4.3	4.3	Read Instantaneous Prepay Values	Total PP Meters		
4.4	4.4.1	Retrieve Debt And Credit Billing Data Log	Total Electricity Meters		
4.4	4.4.2	Retrieve Change Of Mode / Tariff Triggered Billing Data Log	All Meters		
4.4	4.4.3	Retrieve Billing Calendar Triggered Billing Data Log	All Meters		
4.4	4.4.4	Retrieve Billing Data Log (Payment Based Debt Payments)	Total Gas Meters		
4.4	4.4.5	Retrieve Billing Data Log (Prepayment Credits)	Total Gas Meters		
4.6	4.6.1	Retrieve Import Daily Read Log	All Meters		
4.6	4.6.2	Retrieve Export Daily Read Log	Total Electricity Meters		
4.8	4.8.1	Read Active Import Profile Data	All Meters		
4.8	4.8.2	Read Reactive Import Profile Data	Total Electricity Meters		
4.8	4.8.3	Read Export Profile Data	Total Electricity Meters		
4.30	4.30	Read Network Data	All Meters		
4.11	4.11.1	Read Tariff (Primary Element)	All Meters		
4.11	4.11.2	Read Tariff (Secondary Element)	Total Electricity Meters		
4.12	4.12.1	Read Maximum Demand Import Registers	Total Electricity Meters		
4.12	4.12.2	Read Maximum Demand Export Registers	Total Electricity Meters		
4.13	4.13	Read Prepayment Configuration	Total PP Meters		
4.14	4.14	Read Prepayment Daily Read Log	Total PP Meters		
4.15	4.15	Read Load Limit Counter	Total Electricity Meters		
4.16	4.16	Read Active Power Import	Total Electricity Meters		
4.17	4.17	Retrieve Daily Consumption Log	All Meters		
4.18	4.18	Read Meter Balance for Credit Mode Smart Meter	All Meters		
5.1	5.1	Create Schedule	All Meters		
5.2	5.2	Read Schedule	All Meters		
5.3	5.3	Delete Schedule	All Meters		
6.2	6.2.1	Read Device Configuration (Voltage)	Total Electricity Meters		
6.2	6.2.2	Read Device Configuration (Randomisation)	Total Electricity Meters		
6.2	6.2.3	Read Device Configuration (Billing Calendar)	All Meters		
6.2	6.2.4	Read Device Configuration (Identity Epc Mphs)	All Meters		
6.2	6.2.5	Read Device Configuration (Instantaneous Power Thresholds)	Total Electricity Meters		
6.2	6.2.7	Read Device Configuration (MPNs)	All Meters		
6.2	6.2.8	Read Device Configuration (Gas)	Total Gas Meters		
6.2	6.2.9	Read Device Configuration (Payment Mode)	All Meters		
6.4	6.4.1	Update Device Configuration (Load Limiting General Settings)	Total Electricity Meters		
6.4	6.4.2	Update Device Configuration (Load Limiting Counter News)	Total Electricity Meters		

- ### Forecast Guidelines
- 8 month rolling forecast by SR variant
 - SR forecast required for all devices (GSME, ESME, Comms Hub, HCALCS, PPMID, GPF)
 - Forecasts to be split by message: (Future Dated/Scheduled and On Demand)
 - Actuals must be **+/-10%** of forecasts
 - Submission due Working Day 15 of January, April, July and October

Additional information

- Section H4 – SEC 4.5 and DUIS baseline V.01

DCC Forecast Calendar

Jan-16

Mo	Tu	We	Th	Fr	Sa	Su
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Feb-16

Mo	Tu	We	Th	Fr	Sa	Su
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29						

Mar-16

Mo	Tu	We	Th	Fr	Sa	Su
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Apr-16

Mo	Tu	We	Th	Fr	Sa	Su
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

May-16

Mo	Tu	We	Th	Fr	Sa	Su
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Jun-16

Mo	Tu	We	Th	Fr	Sa	Su
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

Jul-16

Mo	Tu	We	Th	Fr	Sa	Su
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Aug-16

Mo	Tu	We	Th	Fr	Sa	Su
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Sep-16

Mo	Tu	We	Th	Fr	Sa	Su
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

Oct-16

Mo	Tu	We	Th	Fr	Sa	Su
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Nov-16

Mo	Tu	We	Th	Fr	Sa	Su
1	2	3	4	5	6	
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

Dec-16

Mo	Tu	We	Th	Fr	Sa	Su
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

- Quarterly Comms Hub/Smart Meters and Service Request forecast submission due
- Quarterly SMKI CSR forecast submissions due
- Quarterly Service Request forecast submissions due
- Monthly Comms Hub forecast and Order submissions due

Note: The forecast dates above are indicative dates only and may be subject to change.