Redlined Communications Document Requirement text for P344

P344 proposes changes to sections 1.2, 2.1, 4.6 and add new section 5.6. We have redlined these changes against Version 17.0

There is no impact on any other part of this document for this CP.

Amend section 1.2 as follows:

1.2   Main Users of the Document

The main users of this document are:

(a)   Parties;

(b)   Party Agents;

(c)   Market Index Data Providers;

(d)   The Transmission Company and Licensed Distribution System Operators; and

(e)   The following BSC Agents:

- Balancing Mechanism Reporting Agent
- Central Registration Agent
- Central Data Collection Agent
- Settlement Administration Agent
- Energy Contract Volume Aggregation Agent
- Funds Administration Agent
- Technical Assurance Agent

(f)   Virtual Lead Parties

Amend section 2.1 as follows:

2.1   List of Acronyms

The following is a list of acronyms used in this document:

ADSL – Asymmetric Digital Subscriber Line
BMRA - Balancing Mechanism Reporting Agent
BPITs – Business Process Integration Tests
BSC - Balancing and Settlement Code
BSC CSA – BSC Central Services Agent
CCP – Credit Cover Percentage
CDCA - Central Data Collection Agent
CIR - Committed Information Rate
CPU – Central Processing Unit
CRA - Central Registration Agent
DNS - Domain Name System
DR - Disaster Recovery
ECVAA - Energy Contract Volume Aggregation Agent
ECVNA - Energy Contract Volume Notification Agent

EWS – ECVAA Web Service

FAA - Funds Administration Agent

FTP - File transfer protocol

GSP – Grid Supply Point

IA – Interconnector Administrator

ISDN - Integrated Services Digital Network

ISP - Internet Service Provider

LAN - Local Area Network

LDSO- Licensed Distribution System Operator

MOA – Meter Operator Agent

MIDP – Market Index Data Provider

MPLS – Multi Protocol Label Switching

MVRNA – Metered Volume Reallocation Notification Agent

NAT – Network Address Translation

NATs - Network Access Tests

NTP - Network Time Protocol

PartID – Participant ID

PCIG – Participant Communications Installation Guide

OpenPGP – Open Source Pretty Good Privacy

PVC - Permanent Virtual Circuit

RVD - Rendezvous Daemon

RVRD - Rendezvous Routing Daemon

SAA - Settlement Administration Agent

SMRA – Supplier Meter Registration Agent

SVA –Supplier Volume Allocation

TAA – Technical Assurance Agent

TCP/IP - Transmission Control Protocol/Internet Protocol

UTC- Co-ordinated Universal Time

VLP – Virtual Lead Party

XSec – Participant Security Package

Amend section 4.6 as follows:

4.6   Technical Specification – High Grade Service

4.6.1   Network Communications

The High Grade Service consists of a number of MPLS connection options and are detailed as follows:

Technical Specification	Line Options

	~~HG1a~~	~~HG1b~~	~~HG2a~~	~~HG2b~~	~~HG3a~~	~~HG3b~~	~~HG4~~	~~DR1~~	~~DR2~~
~~**Primary Line Rental:**~~									
~~256Kb Lease Line~~	✓	✓	✗	✗	✗	✗	✗	✗	✓
~~512Kb Lease Line~~	✗	✗	✓	✓	✗	✗	✗	✗	✗
~~1Mb Lease Line~~	✗	✗	✗	✗	✓	✓	✗	✗	✗
~~2Mb ADSL~~	✗	✗	✗	✗	✗	✗	✓	✓	✗
~~**Backup Line Rental:**~~									
~~ISDN Backup~~	✗	✓	✗	✓	✗	✓	✓	✗	✗
~~2Mb ADSL Backup~~	✓	✗	✓	✗	✓	✗	✗	✗	✗
~~**Support:**~~									
~~5 Hour Fix on Primary Line~~	✓	✓	✓	✓	✓	✓	✗	✗	✓
~~24 Hour Fix on Primary Line~~	✗	✗	✗	✗	✗	✗	✓	✓	✗
~~1-1 Contention Ratio~~	✓	✓	✓	✓	✓	✓	✗	✗	✓
~~20-1 Contention Ratio~~	✗	✗	✗	✗	✗	✗	✓	✓	✗

Technical Specification	**Line options**	
	HG10	**DR10**
Primary Line Rental		
10Mb Leased Line	✓	✗
2Mb ADSL	✗	✓
Backup Line Rental		
2Mb ADSL Backup	✓	✗
Support		
5 Hour Fix on Primary Line	✓	✗
24 Hour Fix on Primary Line	✗	✓
Primary Line Uncontended	✓	✗
Primary Line Contended	✗	✓
One-off Costs[1]		
Ongoing Annual Costs[2]		

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[1] Costs are published on the BSC Website.
[2] Costs are published on the BSC Website.

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In addition to protect against loss of the connection to the MPLS network a backup ADSL or Basic Rate ISDN line will be provided.

Variations to this standard specification to support, for example, multiple participants using the same High Grade Service will be handled by the BSCCo, in conjunction with the Service Provider, on a case by case basis.

The geographic scope of supply for communication lines is the United Kingdom. Participants who wish the connection termination to be outside the United Kingdom are required to contact BSCCo to make specific arrangements with the Service Provider.

The service includes the provision of a router with the following characteristics:

- the router will support TCP/IP;

- the interface presented on the Participant side of the private network router will be Ethernet 10/100 BaseT; and

- the router will support Network Address Translation (NAT), and the Service Provider will liaise with the Participant to ensure that the correct IP address space translations are configured.

- Participants shall order TIBCo software through BSCCo with signed Licences being returned to the Service Provider.[3]

Add section 5.6 as follows:
5.6   VLP Flows Requiring Testing

Flow	Dir'n	User	Name
CRA-I014	to	VLP	Registration Report
SAA-I014	to	VLP	Settlement Reports

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[3] Participants may also use any existing TIBCO licences available to their organisation or procure TIBCO licences other than from BSCCo to access the BSC Central System TIBCO service.