



WALES&WEST
UTILITIES



Potential Workgroup and/or Nexus Topic: Universal Single Meter Point Supply Points

Simon Trivella – 6th September 2011

Project Nexus Workgroup

Background

- Supply Point (UNC TPD G 1.1.1(a))
 - *a "Supply Point" is a System Exit Point comprising the Supply Meter Point or Supply Meter Points for the time being registered in the name of a User Pursuant to a Supply Point Registration...*
- Must comply with the Single Premises Requirement
 - Owned or occupied by one person;
 - In close geographical proximity to each other;
 - Comprised within a common curtilage; and
 - Which serve each other in some necessary or reasonably useful way

Questions for Workgroup members

- Are there benefits to limiting a Supply Point to only comprise of a single Supply Meter Point (i.e. one MPRN per Supply Point)?
- Are there disadvantages within / outside of UNC arrangements?
- Would this be beneficial to include as a Nexus topic/issue?
 - If so, what could/should be done “pre-Nexus”?

Potential Benefits?

- Remove system and commercial complexity for all?
 - Simplify future system build under Nexus
- More cost reflective charging?
 - LDZ Transportation Charges are at Supply Point Level
 - Aggregated SOQ for Capacity Charges result in “band shift”
 - Use of flat rates for Customer Charges
- Alignment with smart metering / electricity arrangements?
- Supply Point data at Meter Point level (e.g. Market Sector Code)
- Treatment in Emergency arrangements (e.g. load shedding)?

Potential Disadvantages?

- Misalignment with supply contracts?
- Increase in charges through disaggregation?
- Increase in the number of Supply Points?
- Additional work / complexities in disaggregation?
- Potential for disaggregated SPs to not meet certain thresholds?
 - SSP/LSP, DMM, DMV, DME, Interruptible eligibility etc.

Analysis – All GDNs

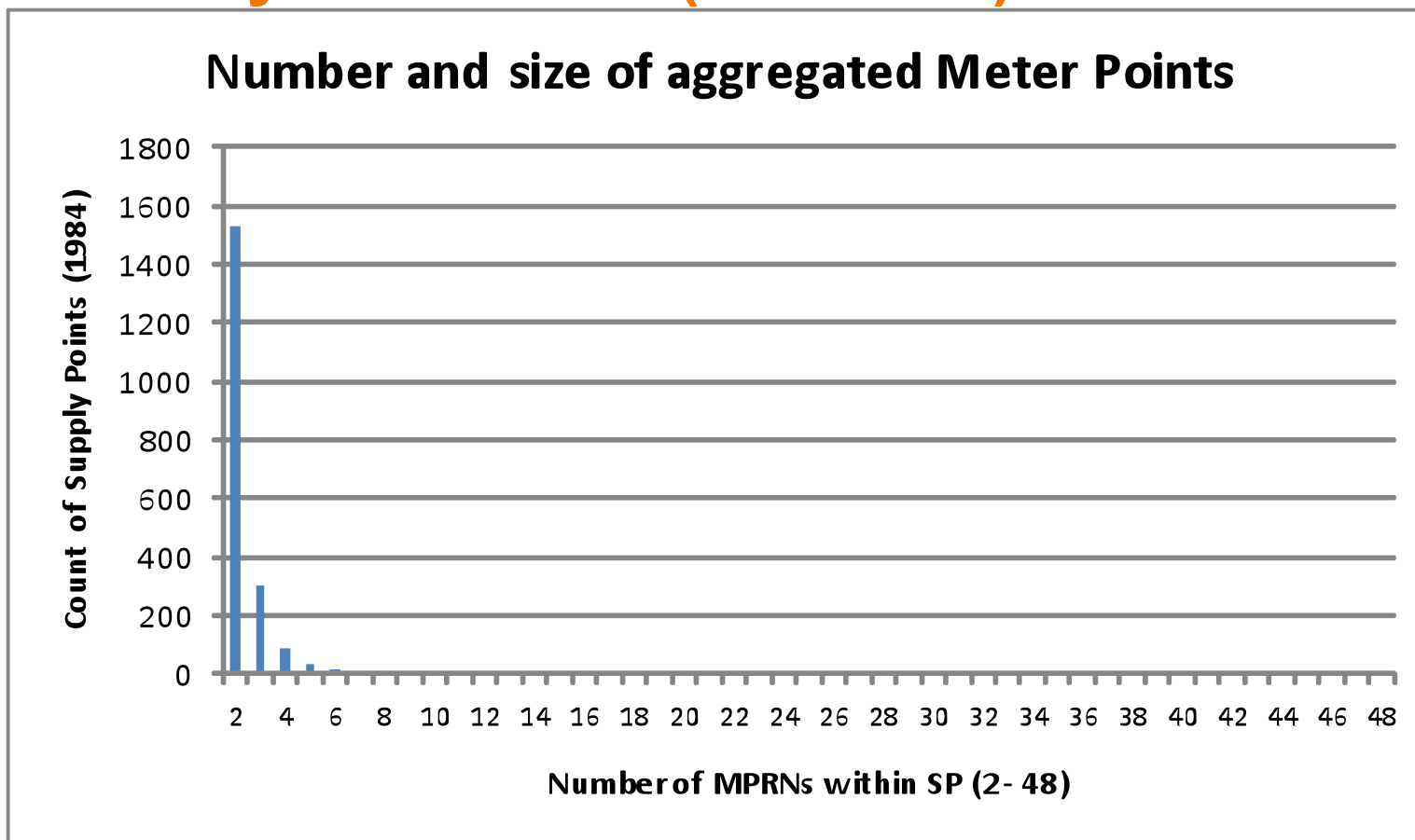
	Supply Points	Meter Points	Difference
SSP	21,336,377	21,342,650	6,273
LSP	276,942	328,250	51,308
Total	21,613,319	21,670,900	57,581

Analysis – WWU (~9% of SP population)

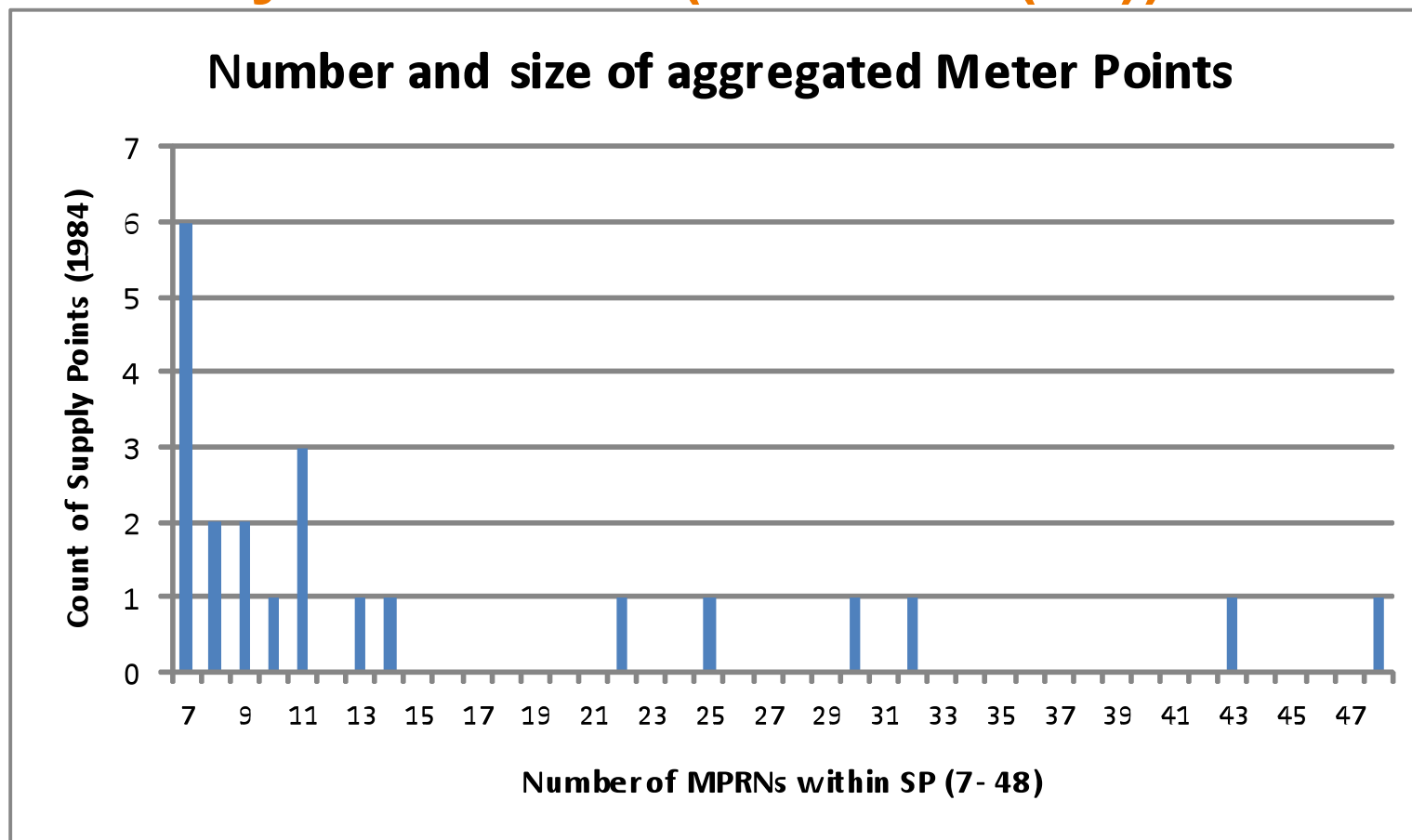
From...			
SSP	651		
LSP <732,000	1676	1412	
LSP >732,000	331	493	345
to...	SSP	LSP <732,000	LSP >732,000

	Aggregated	Disaggregated
LSP >732,000	1169	345
LSP <732,000	3088	1905
SSP	651	2658
Total	4908	4908

Analysis – WWU (SP sizes)



Analysis – WWU (SP sizes (7+))



Analysis – WWU (Charge Implications)

Charging Band	MPRNs	S.Points	Difference
< 73.2MwH	£507,738	£95,255	£412,483
73.2 MwH to 732 MwH	£2,432,660	£1,776,159	£656,502
> 732 MwH	£3,555,102	£3,988,593	-£433,491
Total	£6,495,500	£5,860,007	£635,494

Next Steps?

- Feedback from Nexus / Distribution Workgroup members



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