Supplier Volume Allocation

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ELEXON

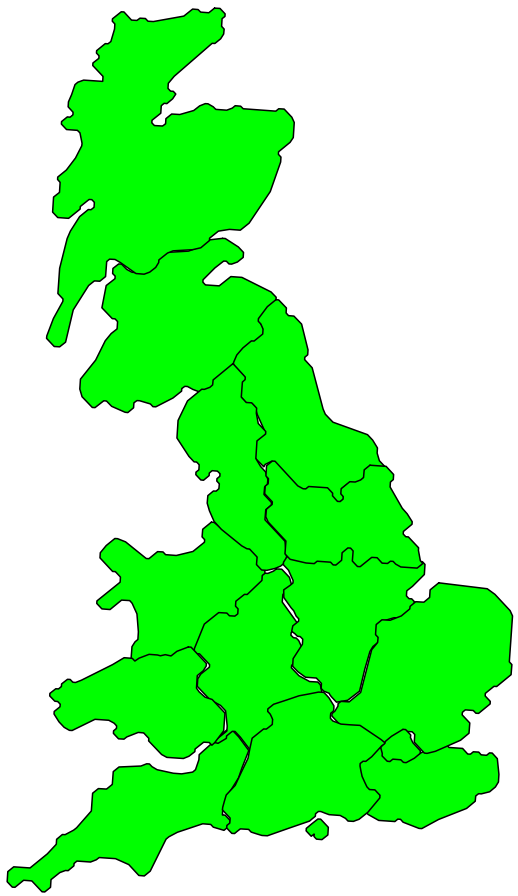
Overview

- Grid Supply Point (GSP) Group Takes
- SVA consumption
- Group Correction Factor
- Supplier BM Units

GSP Groups

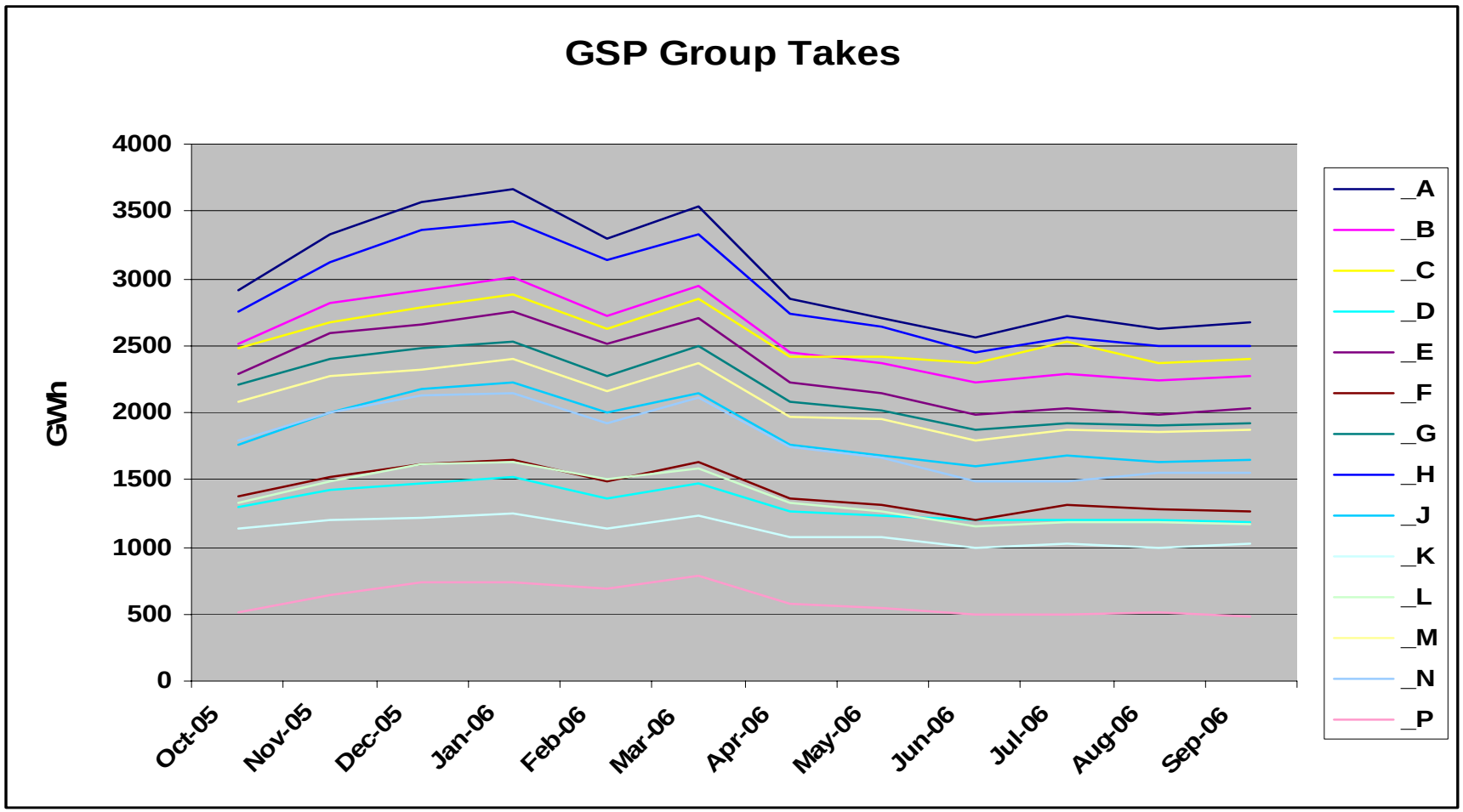
- A Grid Supply Point is a connection from the National Grid to a distribution network
- Grouped together to form GSP Groups
- 14 GSP Groups

GSP Groups

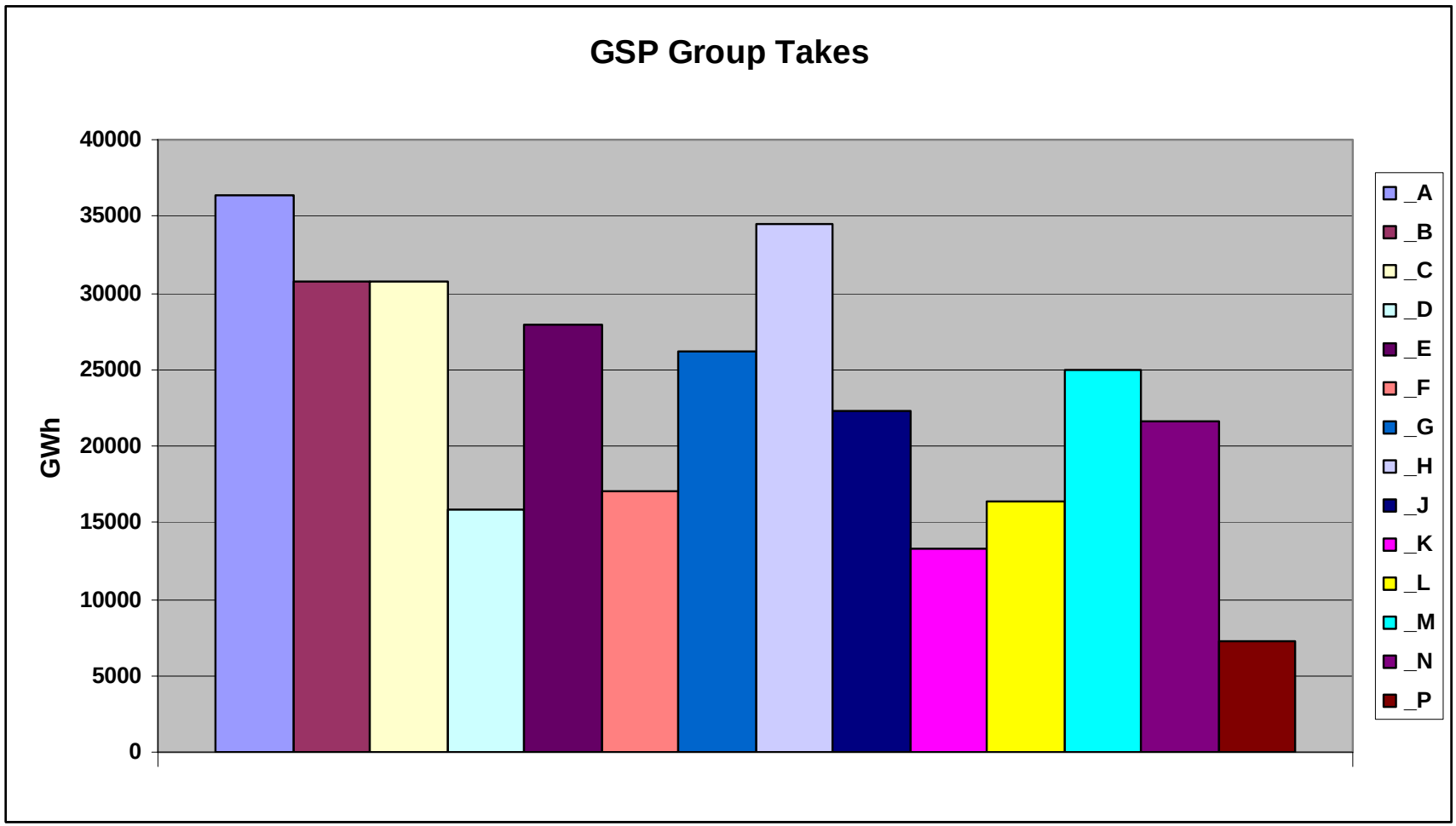


GSP Group Id	GSP Group Name	ID
_A	Eastern	EELC
_B	East Midlands	EMEB
_C	London	LOND
_D	Merseyside and North Wales	MANW
_E	Midlands	MIDE
_F	Northern	NEEB
_G	North Western	NORW
_H	Southern	SOUT
_J	South Eastern	SEEB
_K	South Wales	SWAE
_L	South Western	SWEB
_M	Yorkshire	YELG
_N	South Scotland	SPOW
_P	North Scotland	HYDE

GSP Group Takes



GSP Group Takes



Supplier Volume Allocation

- Connected to a distribution network
- Registered in Supplier Meter Registration Service
- Associated with a Supplier

Supplier Volume Allocation

- Non Half Hourly & Half Hourly
- Import and Export
- Metered and Unmetered

Supplier Volume Allocation

	MPAN Count	Energy (GWh)	% of total import
NHH Import	28,782,241	179,962	55.5
NHH UMS	30,823	1,750	0.5
Total NHH	28,813,064	181,712	56.0
HH Import	107,334	140,798	43.4
HH UMS	209	1,918	0.6
Total HH	107,543	142,716	44.0
Total Import	28,920,607	324,428	100.0
HH Export	1,397	16,696	5.1
NHH Export	18	0	0.0
Total Export	1,415	16,696	5.1

- **MPAN Count is for 30th September 2006**
- **Energy is total for 1st October 2005 to 30th September 2006.**

Supplier Volume Allocation

- **Non Half Hourly: profiled consumption for each half hour**
- **Half Hourly: actual consumption for each half hour**

Supplier Volume Allocation

- There are required performance levels for the amount of energy settled on Annualised Advances (AAs) and Actuals
- 97% of NHH Energy settled on AAs at RF
- 99% of HH Energy settled on Actuals

Supplier Volume Allocation

- Line losses are applied to SVA metered values
- Calculated by LDSOs
- Can be metering system specific for HH

Supplier Volume Allocation

- **Consumption values are aggregated to give consumption by:**
  - **GSP Group;**
  - **Supplier; and**
  - **Consumption Component Class**

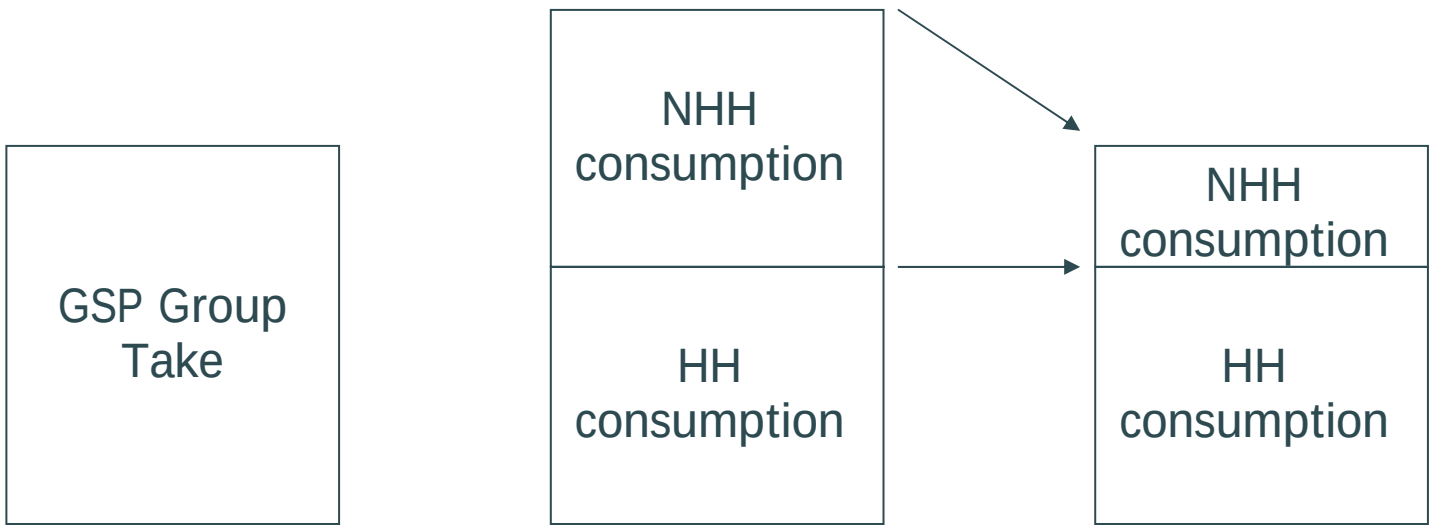
GSP Group Correction Factor

- **Total of HH Consumption and NHH Consumption does not (usually) equal the GSP Group Take**
- **A correction factor is applied to the NHH consumption so that it does**

GSP Group Correction Factor

If GSP Group Take < Total Consumption

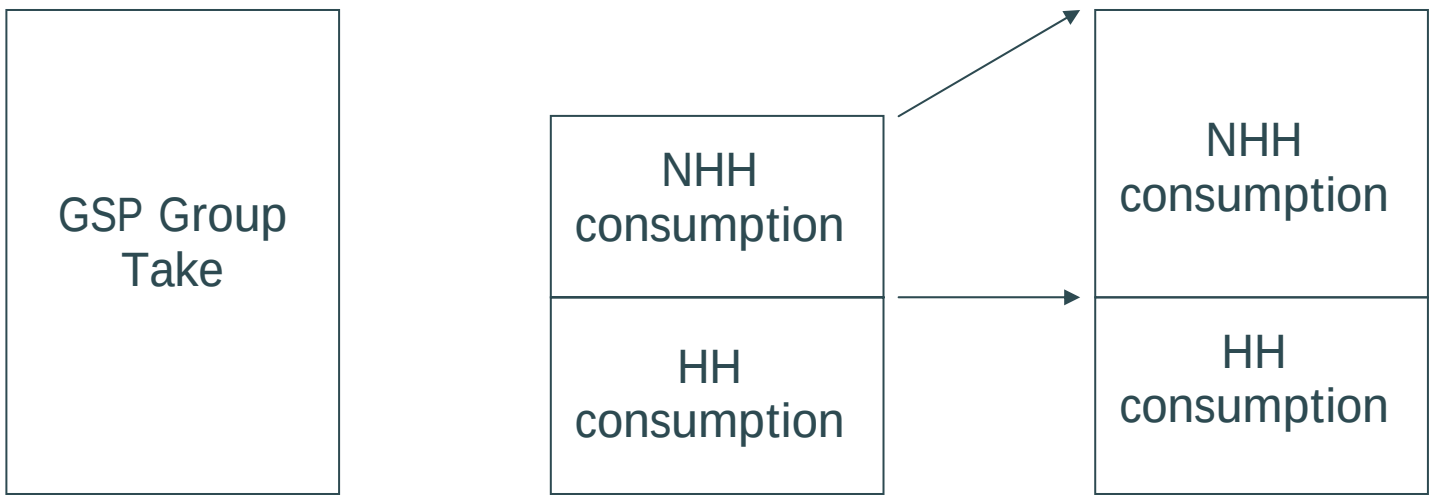
then GSP Group CF is < 1



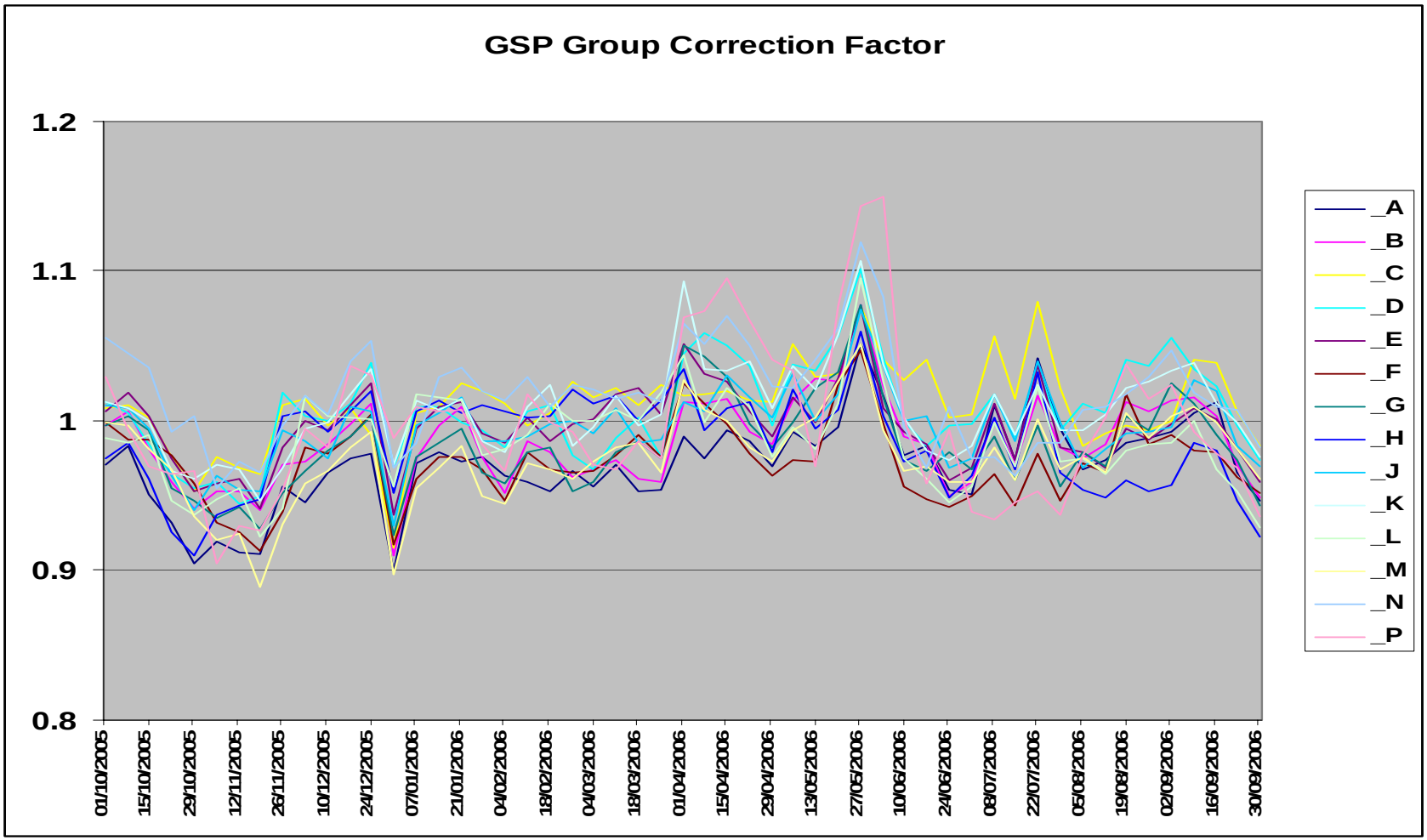
GSP Group Correction Factor

If GSP Group Take > Total Consumption

then GSP Group CF is > 1



GSP Group Correction Factors



Supplier BM Units

- Consumption now aggregated to BM Unit
- Transmission losses are applied to BM Unit metered volume
- Gives credited energy which then goes into Energy Accounts