

Association of Nigerian Electricity Distributors

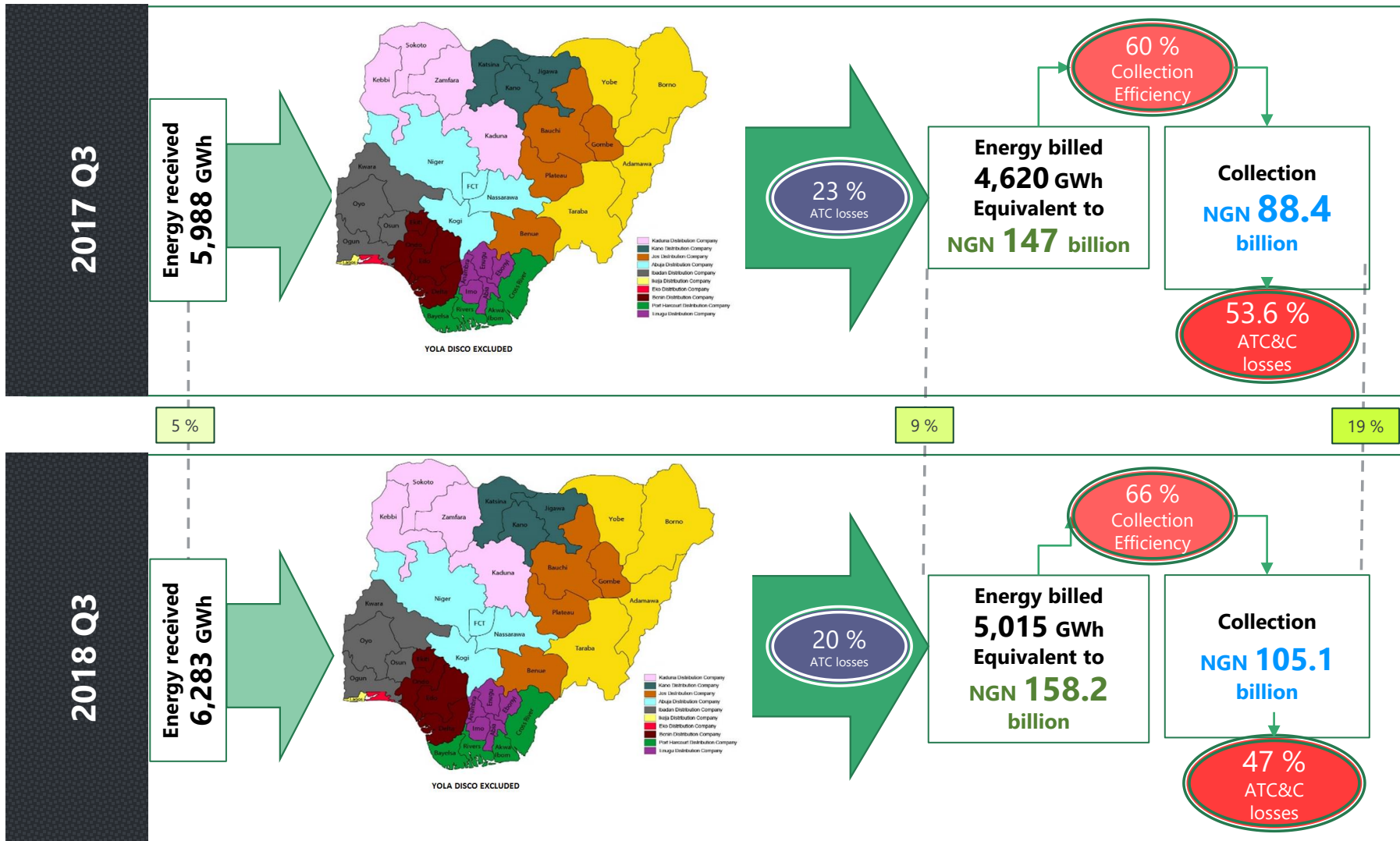
DisCos Performance Reporting

Main Findings

2017Q3 – 2018Q3

Executive Summary

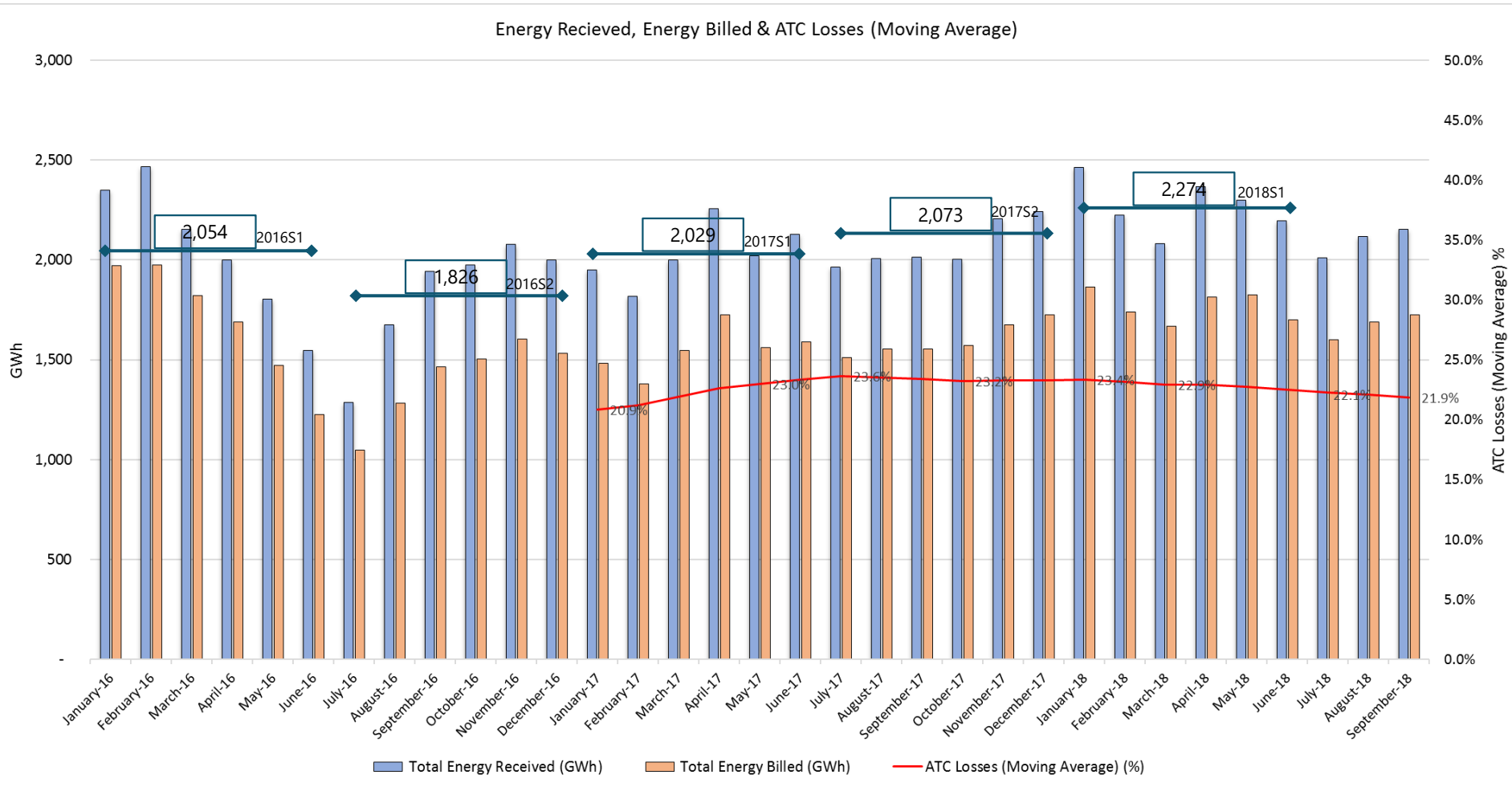
“DisCos as a whole” have capitalized the additional energy received from TCN increasing its performance



Source: DISCOs KPI Report to NERC

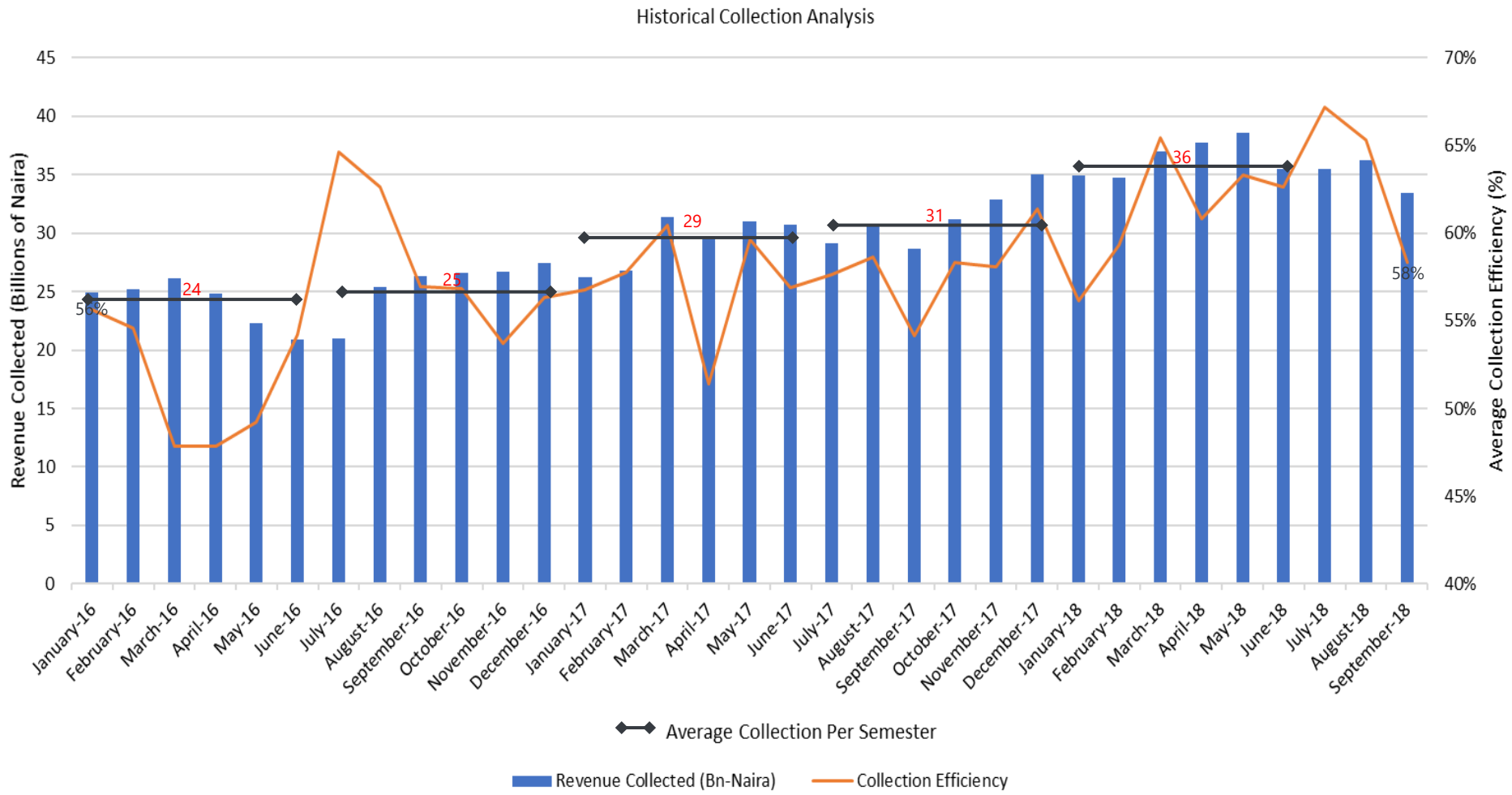
Energy Received, Energy Billed and ATC losses(Moving Average)

Since July 2016, there has been a gradual rise in both Energy Received and Billed, Although the ATC Losses is not improving as expected



Historical Collection Analysis

DISCOs have shown a steady improvement in the Revenue Collected



Energy Received by DisCos

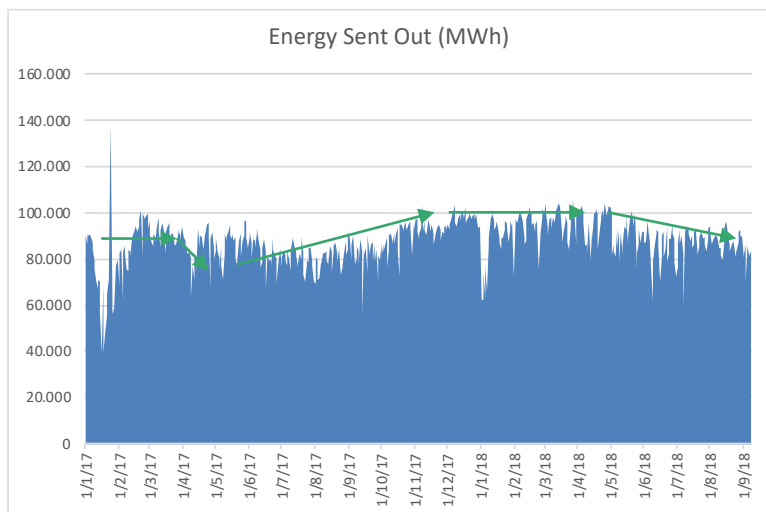
Positive evolution of the energy received by DisCos, which is a cornerstone of DisCos PIPs

	Energy Received (GWh)				
	2017Q3	2017Q4	2018Q1	2018Q2	2018Q3
AEDC	812	855	904	975	829
BEDC	535	644	647	651	635
EKEDC	721	784	802	853	766
EEDC	548	554	628	577	528
IBEDC	828	891	929	904	849
IE	808	865	958	1065	963
JEDPLC	344	361	360	297	282
KADUNA	440	484	534	536	496
KANO	445	473	479	515	452
PHED	507	542	528	490	482
TOTAL	5988	6453	6770	6863	6283

Source: DISCOs - Quarterly Reports

- The evolution of the Energy Received (ER) by DisCos from TCN is positive. The Compound Annual Growth Rate (CAGR) of the ER between 17Q3 vs 18Q3 is 5%

Note: While the average of Energy Received in the whole of 2017 was around 2051 GWh, the average so far in 2018 is 2195 GWh.**

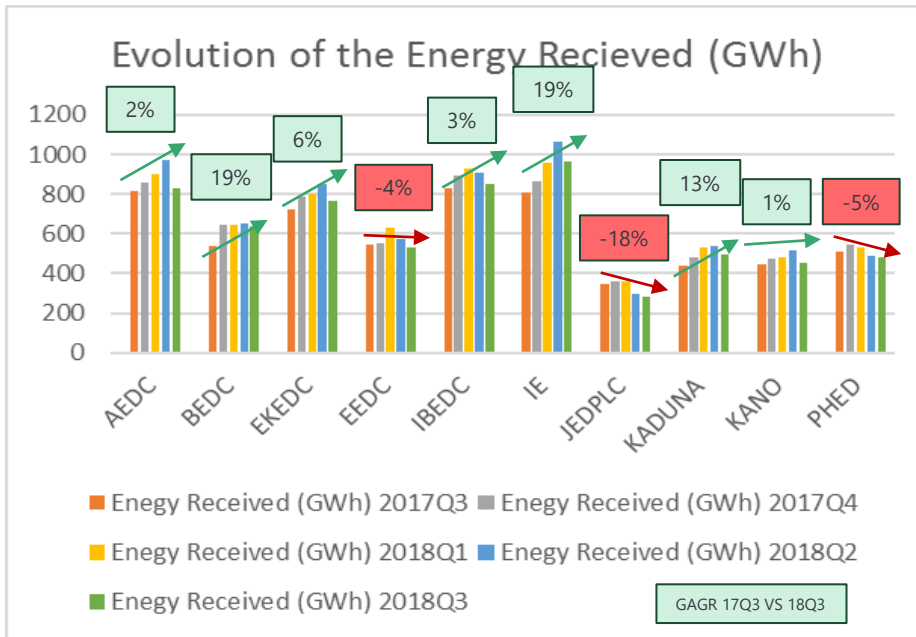


Source: NSO - Daily Reports (own elaboration)

- However, according to the NSO, it seems that this increment on the energy received by DisCos is not being consistent during the 18Q2 and 18Q3.
- DisCos must track on daily basis the ER from TCN as it is fundamental input for their KPIs and it is out of their control.
- ANED should integrate the energy received reported by DisCos in a daily data base and compare it with the NSO reports

Energy Received by DisCos

The energy management and control has to be improved between TCN and DisCos



	Energy Received (Increment Qi/Qj -1, %)			
	Q4/Q3	Q1/Q4	Q2/Q1	Q3/Q2
AEDC	5%	6%	8%	-15%
BEDC	20%	0%	1%	-2%
EKEDC	9%	2%	6%	-10%
EEDC	1%	13%	-8%	-8%
IBEDC	8%	4%	-3%	-6%
IE	7%	11%	11%	-10%
JEDPLC	5%	0%	-18%	-5%
KADUNA	10%	10%	0%	-7%
KANO	6%	1%	7%	-12%
PHED	7%	-3%	-7%	-2%
TOTAL	8%	5%	1%	-8%

- Even though the increment of the ER has been 5% (CAGR 17Q3 vs 18 Q3), there is not a common pattern among ANED’s members. While IKEJA and BENIN received +19%, Enugu Jos and Port Harcourt DisCos have received -4%, -18% and -5% respectively. However from 2018Q2-2018Q3, there was a decrease of -8% of ER
- It is important to understand better the reasons behind these variations to avoid decreasing scenarios, while in parallel there is an urgent need of improving the energy management communications between TCN and DisCos on daily basis
- Until this operational coordination is completed, DisCos might face erratic scenarios that negatively affect the evolution of their KPIs at their PIPs



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