

Association of Nigerian Electricity Distributors

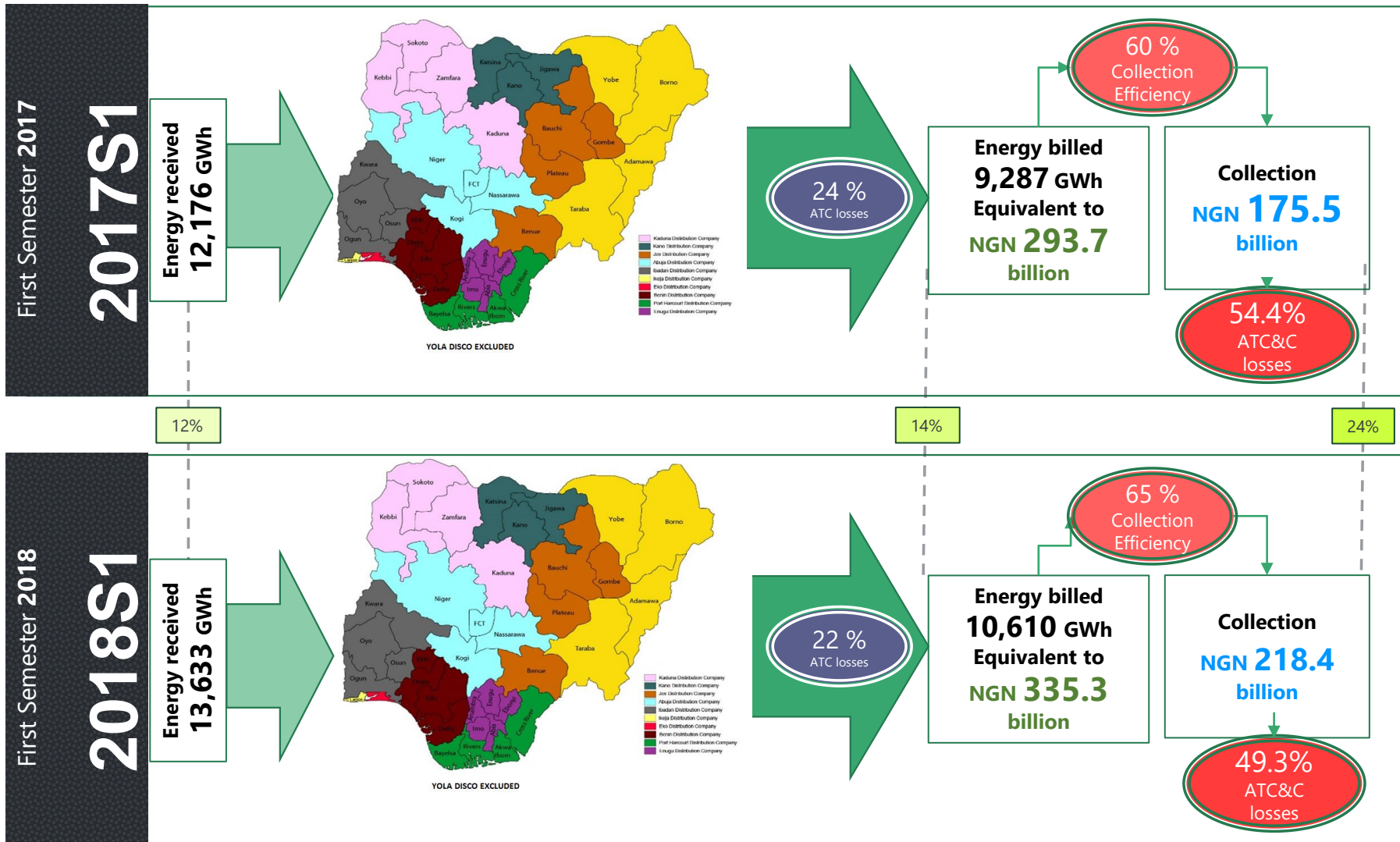
DisCos Performance Reporting

First Semester Analysis (2017/2018): S1=Q1&Q2

Main Findings

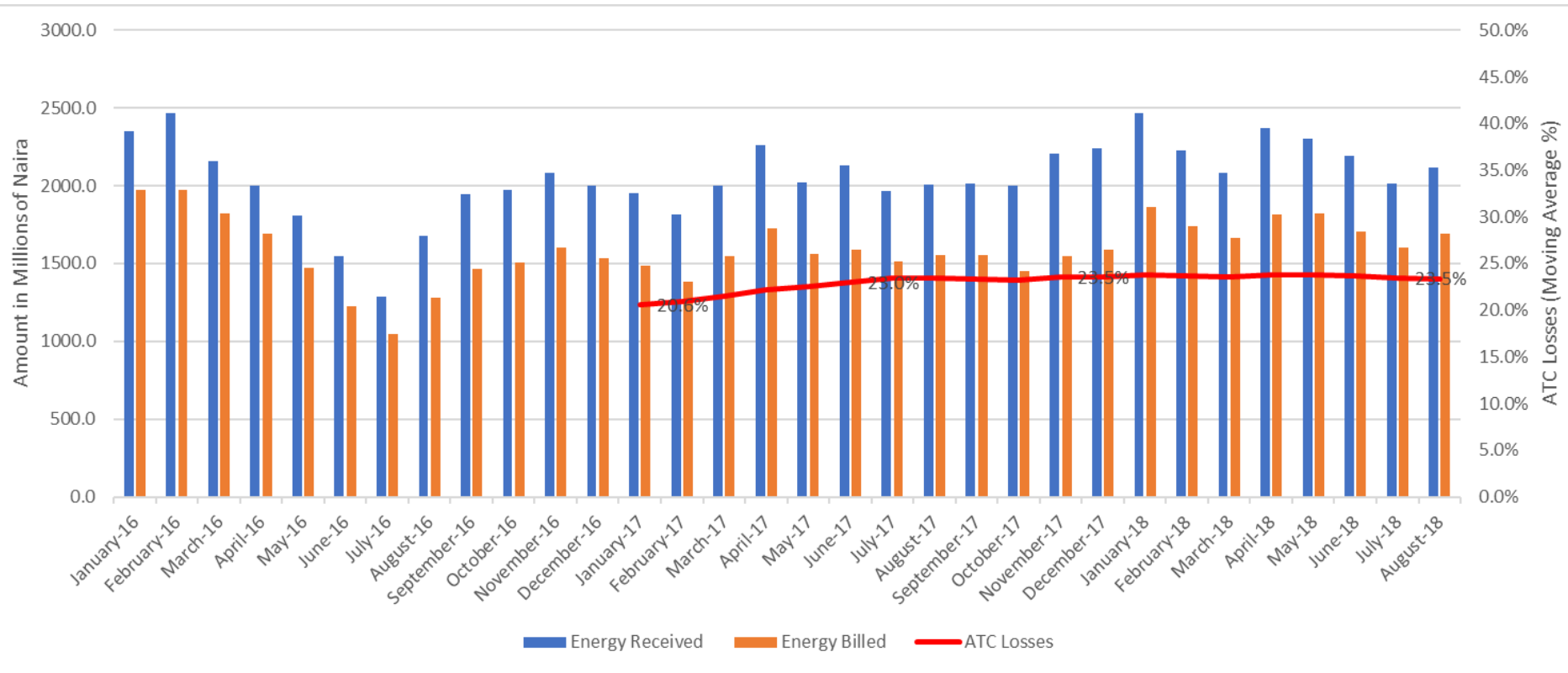
Executive Summary

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

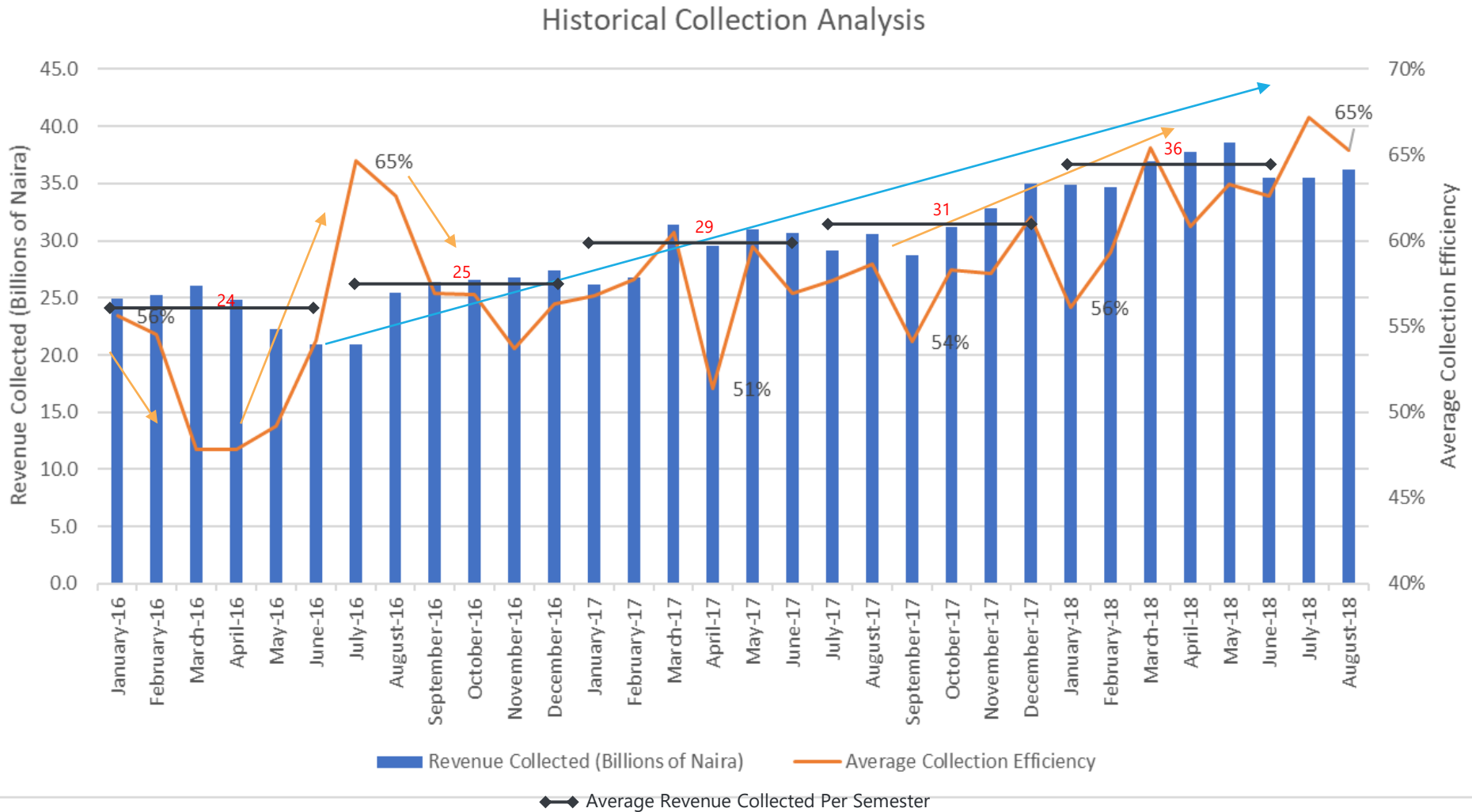


Source: DISCOs KPI Report

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



Historical Collection Analysis



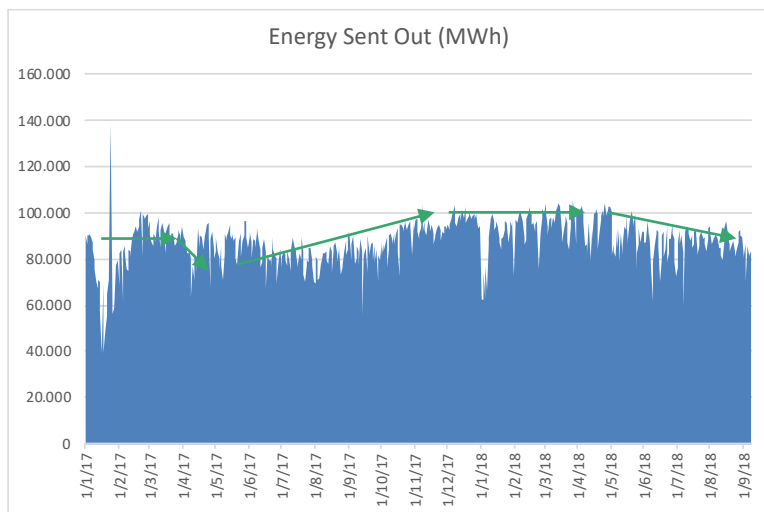
Energy Received by DisCos

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

Energy Received (GWh)					
	2017Q2	2017Q3	2017Q4	2018Q1	2018Q2
AEDC	880	812	855	904	975
BEDC	561	535	644	647	651
EKEDC	776	721	784	802	853
EEDC	634	548	554	628	577
IBEDC	835	828	891	929	904
IE	844	808	865	958	1065
JEDPLC	333	344	361	360	297
KADUNA	591	440	484	534	536
KANO	474	445	473	479	515
PHED	483	507	542	528	490
TOTAL	6409	5988	6453	6770	6863

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 17Q1 vs 18 Q2 is almost 19%
- While the average in 2017 was around 6,154 GWh, the average so far in 2018 is 6816 GWh.**

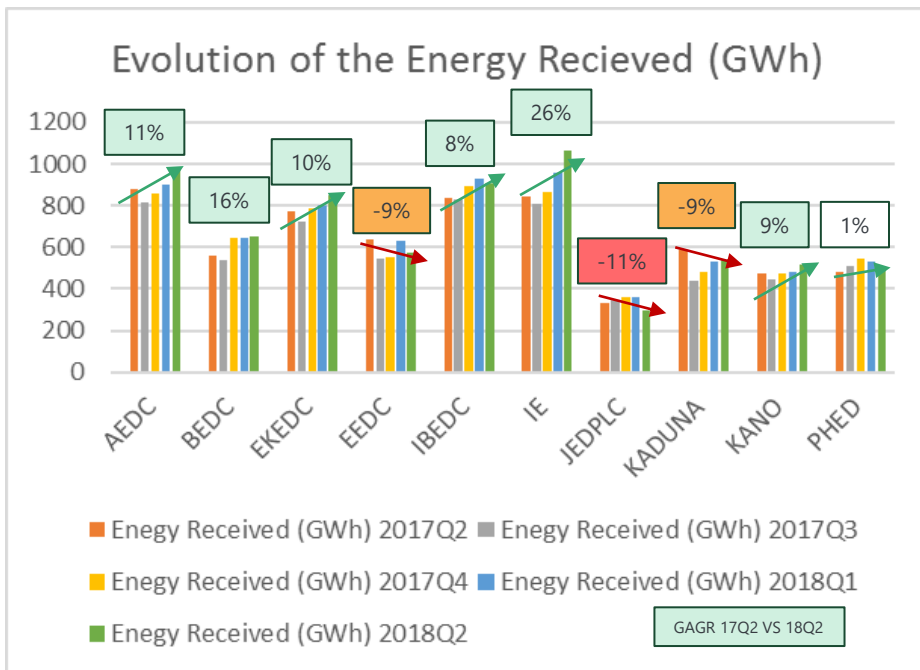


Source: NSO - Daily Reports (own elaboration)

- 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, %)			
	Q3/Q2	Q4/Q3	Q1/Q4	Q2/Q1
AEDC	-8%	5%	6%	8%
BEDC	-5%	20%	0%	1%
EKEDC	-7%	9%	2%	6%
EEDC	-14%	1%	13%	-8%
IBEDC	-1%	8%	4%	-3%
IE	-4%	7%	11%	11%
JEDPLC	3%	5%	0%	-18%
KADUNA	-26%	10%	10%	0%
KANO	-6%	6%	1%	7%
PHED	5%	7%	-3%	-7%
TOTAL	-7%	8%	5%	1%

- Even though the average increment of the ER has been 13% (CAGR 17Q1 vs 18 Q1), there is not a common pattern among ANED’s members. While YOLA has received +38%, Kaduna and Enugu DisCos have received -11% and -8% respectively.
- 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



7 Cairo Street,
Wuse II
Abuja - FCT



+234 816 175 7612



info@anedng.com



www.anedng.com

