

Power Sector Report: Energy Generated and Sent Out and Consumed and Load Allocation

(Q4 2018)

Report Date: February 2019

Data Source: National Bureau of Statistics / Nigerian Electricity Regulatory Commission

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Executive Summary

The power generation statistics for Q4 2018 reflected that a total average of 68,625 MWh of energy was generated daily by thermal power stations while thermal power stations generated an average of 27,913 MWh of energy within the same period.

Thermal stations generated a peak of 80,856 MWh on 20th December, 2018 while the hydro stations attained a peak of 32,681 MWh on the 21st of October, 2018. However, the lowest daily energy generation of 44,367 MWh was attained by thermal stations on 29th of October 2018 while the lowest daily energy generation of 21,457 MWh was attained by hydro stations on 21st of December 2018.

Total number of consumers with prepaid meters increased by 1.00% to 1.67m customers in Q4 2018 from 1.65m customers in Q3 2018.

Abuja Disco has the highest number of customers metered. This is closely followed by Benin Disco and Eko Disco while Yola Disco recorded the least total number of customers metered.

POWER GENERATION – Q4 2018

Total Number Of Consumers With Prepaid Meters (PPM) By Discos Q4 2018



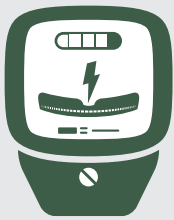
Abuja Disco



PPM END MARCH (Q1 2018)



PPM END JUNE (Q2 2018)



PREPAID
METERS



260,667



PREPAID
METERS



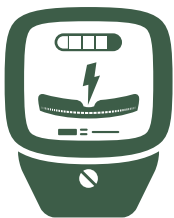
270,918



PPM END DECEMBER (Q4 2018)



PPM END JUNE (Q3 2018)



PREPAID
METERS



295,641



PREPAID
METERS



292,714

POWER GENERATION – Q4 2018

Total Number Of Consumers With Prepaid Meters (PPM) By Discos Q4 2018



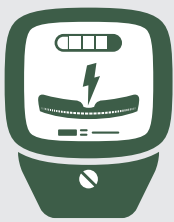
Benin Disco



PPM END MARCH (Q1 2018)



PPM END JUNE (Q2 2018)



PREPAID
METERS



282,868



PREPAID
METERS



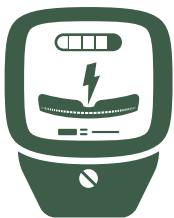
282,868



PPM END DECEMBER (Q4 2018)



PPM END SEPTEMBER (Q3 2018)



PREPAID
METERS



287,995



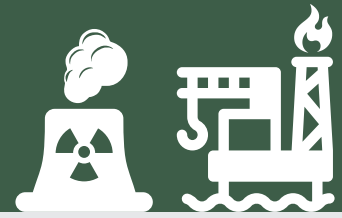
PREPAID
METERS



285,144

POWER GENERATION – Q4 2018

Total Number Of Consumers With Prepaid Meters (PPM) By Discos Q4 2018



Eko Disco



PPM END MARCH (Q1 2018)



PPM END JUNE (Q2 2018)



PREPAID
METERS



158,157



PREPAID
METERS



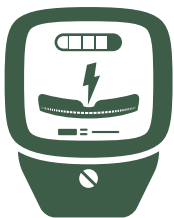
158,157



PPM END DECEMBER (Q4 2018)



PPM END SEPTEMBER (Q3 2018)



PREPAID
METERS



161,382



PREPAID
METERS



159,784

POWER GENERATION – Q4 2018

Total Number Of Consumers With Prepaid Meters (PPM) By Discos Q4 2018



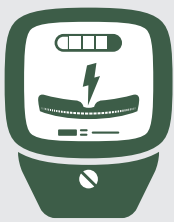
Enugu Disco



PPM END MARCH (Q1 2018)



PPM END JUNE (Q2 2018)



PREPAID
METERS



116,623



PREPAID
METERS



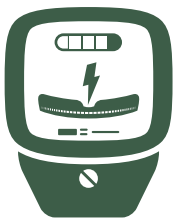
140,064



PPM END DECEMBER (Q4 2018)



PPM END SEPTEMBER (Q3 2018)



PREPAID
METERS



141,465



PREPAID
METERS



140,064

POWER GENERATION – Q4 2018

Total Number Of Consumers With Prepaid Meters (PPM) By Discos Q4 2018



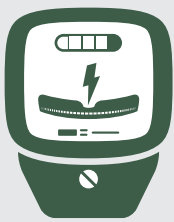
Ibadan Disco



PPM END MARCH (Q1 2018)



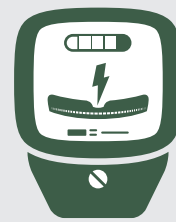
PPM END JUNE (Q2 2018)



PREPAID
METERS



254,261



PREPAID
METERS



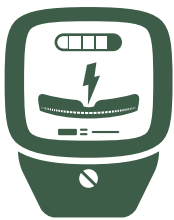
254,261



PPM END DECEMBER (Q4 2018)



PPM END SEPTEMBER (Q3 2018)



PREPAID
METERS



256,804



PREPAID
METERS



254,261

POWER GENERATION – Q4 2018

Total Number Of Consumers With Prepaid Meters (PPM) By Discos Q4 2018



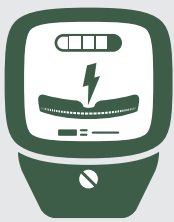
Ikeja Disco



PPM END MARCH (Q1 2018)



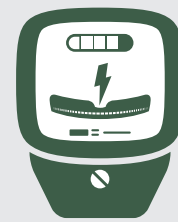
PPM END JUNE (Q2 2018)



PREPAID
METERS



157,797



PREPAID
METERS



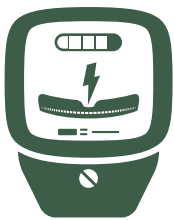
157,797



PPM END DECEMBER (Q4 2018)



PPM END SEPTEMBER (Q3 2018)



PREPAID
METERS



160,813



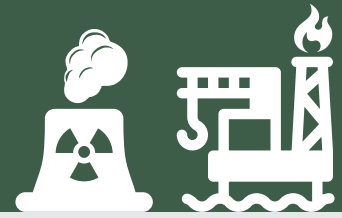
PREPAID
METERS



159,221

POWER GENERATION – Q4 2018

Total Number Of Consumers With Prepaid Meters (PPM) By Discos Q4 2018



Jos Disco



PPM END MARCH (Q1 2018)



PPM END JUNE (Q2 2018)



PREPAID
METERS



54,395



PREPAID
METERS



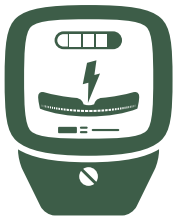
54,395



PPM END DECEMBER (Q4 2018)



PPM END SEPTEMBER (Q3 2018)



PREPAID
METERS



55,444



PREPAID
METERS



54,895

POWER GENERATION – Q4 2018

Total Number Of Consumers With Prepaid Meters (PPM) By Discos Q4 2018



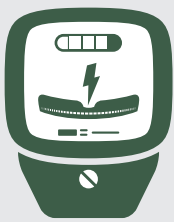
Kaduna Disco



PPM END MARCH (Q1 2018)



PPM END JUNE (Q2 2018)



PREPAID
METERS



138,164



PREPAID
METERS



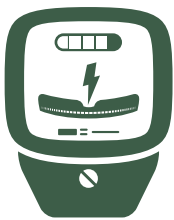
138,165



PPM END DECEMBER (Q4 2018)



PPM END SEPTEMBER (Q3 2018)



PREPAID
METERS



139,547



PREPAID
METERS



138,165

POWER GENERATION – Q4 2018

Total Number Of Consumers With Prepaid Meters (PPM) By Discos Q4 2018



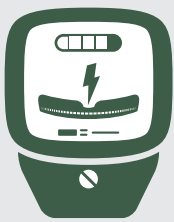
Kano Disco



PPM END MARCH (Q1 2018)



PPM END JUNE (Q2 2018)



PREPAID
METERS



63,037



PREPAID
METERS



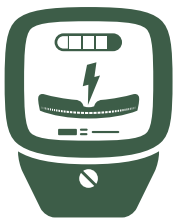
65,060



PPM END DECEMBER (Q4 2018)



PPM END SEPTEMBER (Q3 2018)



PREPAID
METERS



65,711



PREPAID
METERS



65,060

POWER GENERATION – Q4 2018

Total Number Of Consumers With Prepaid Meters (PPM) By Discos Q4 2018



PH Disco



PPM END MARCH (Q1 2018)



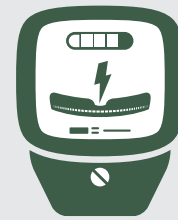
PPM END JUNE (Q2 2018)



PREPAID
METERS



66,507



PREPAID
METERS



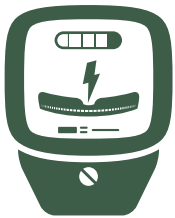
66,507



PPM END DECEMBER (Q4 2018)



PPM END SEPTEMBER (Q3 2018)



PREPAID
METERS



67,172



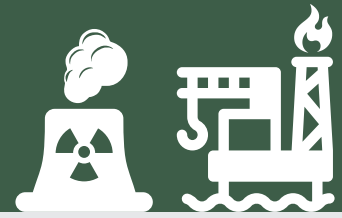
PREPAID
METERS



66,507

POWER GENERATION – Q4 2018

Total Number Of Consumers With Prepaid Meters (PPM) By Discos Q4 2018



Yola Disco



PPM END MARCH (Q1 2018)



PPM END JUNE (Q2 2018)



PREPAID METERS

37,329



PREPAID METERS

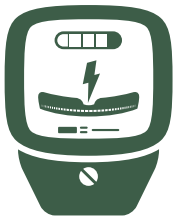
37,329



PPM END DECEMBER (Q4 2018)



PPM END SEPTEMBER (Q3 2018)



PREPAID METERS

37,702

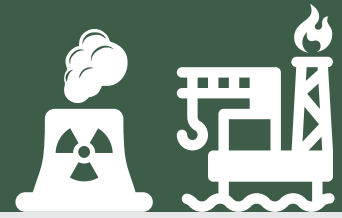


PREPAID METERS

37,329

POWER GENERATION – Q4 2018

Total Number Of Consumers With Prepaid Meters (PPM) By Discos Q4 2018



Total Disco



PPM END MARCH (Q1 2018)



PPM END JUNE (Q2 2018)



PREPAID
METERS



1,589,805



PREPAID
METERS



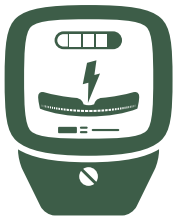
1,615,066



PPM END DECEMBER (Q4 2018)



PPM END SEPTEMBER (Q3 2018)



PREPAID
METERS



1,669,675



PREPAID
METERS



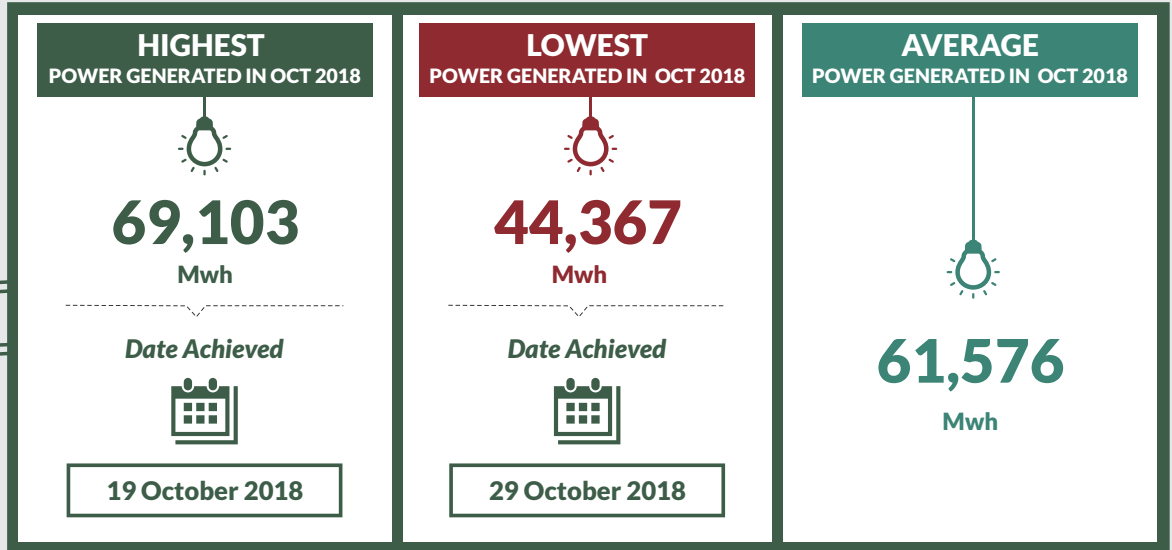
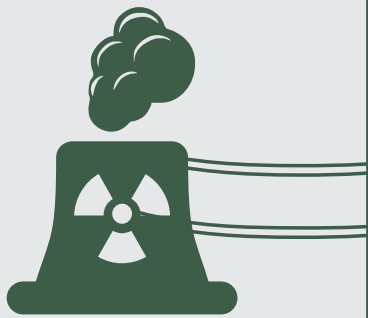
1,653,144

POWER GENERATION – Q4 2018

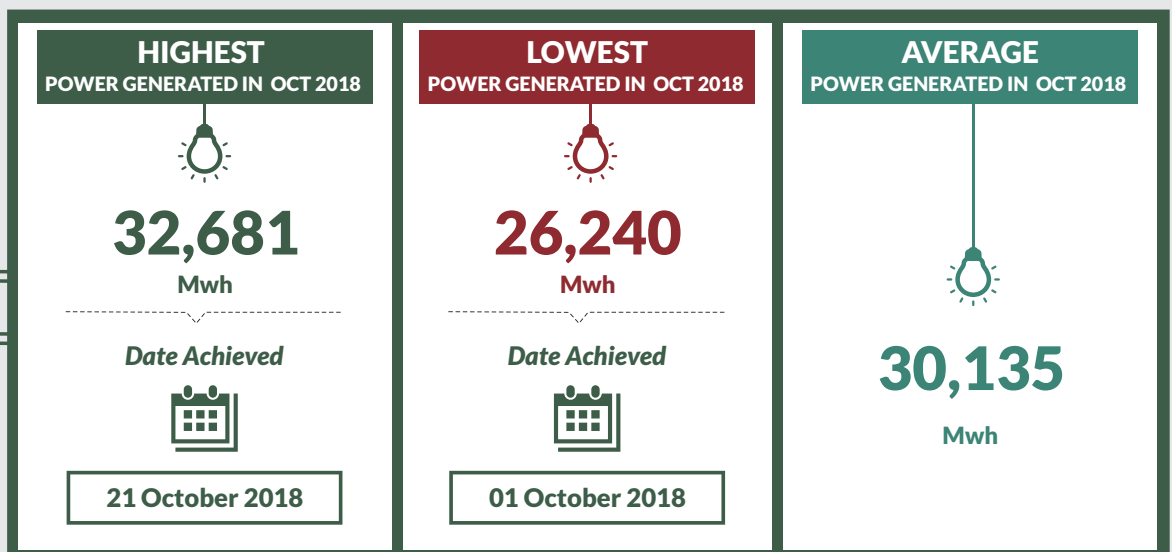
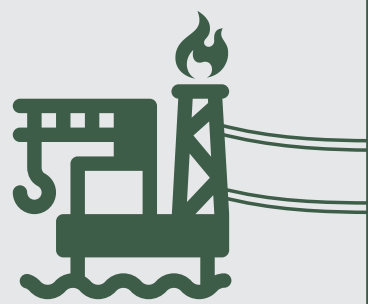
Total Energy Generated Through Thermal (Gas) and (Hydro) In MWh - October 2018



Power Generated Through Thermal in October 2018



Power Generated Through Hydro in October 2018

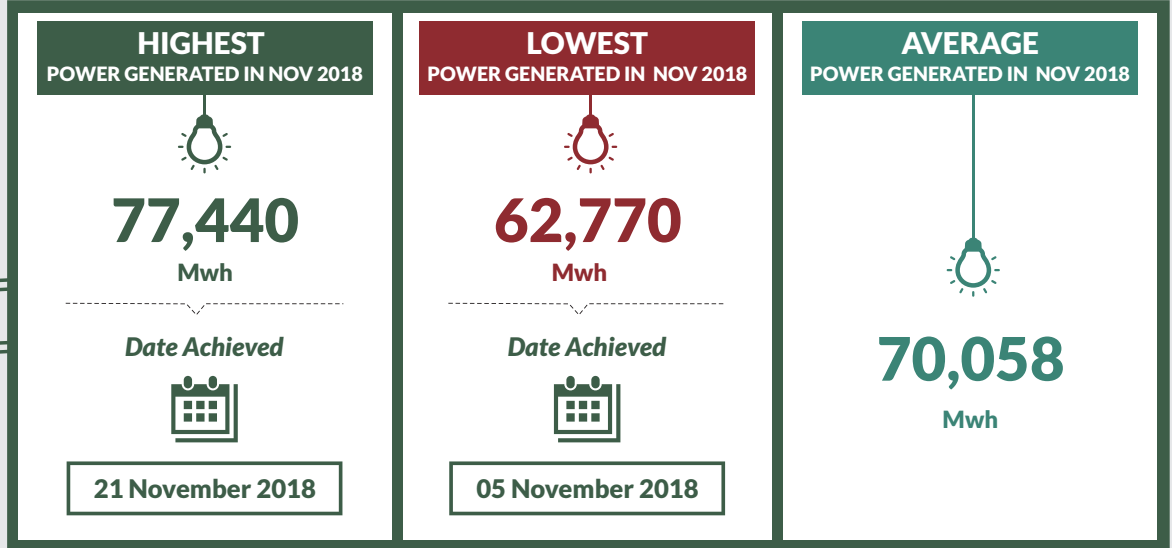
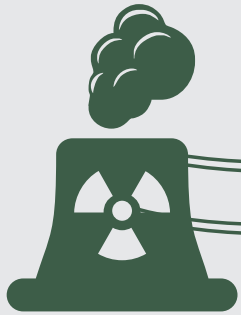


POWER GENERATION – Q4 2018

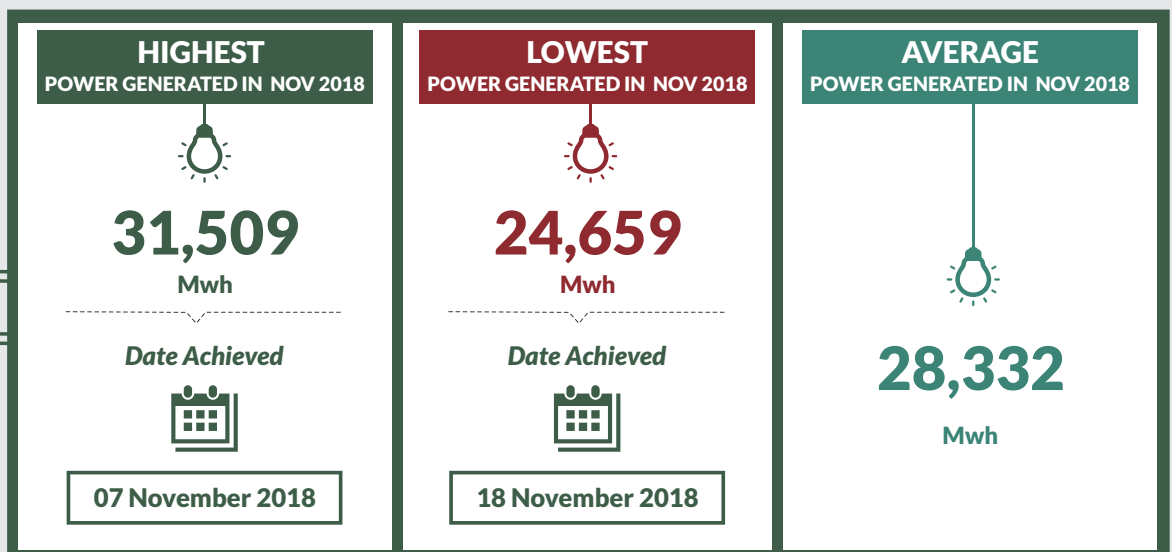
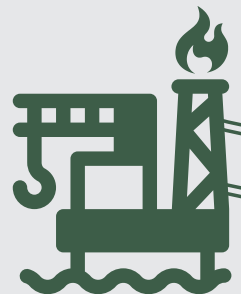
Total Energy Generated Through Thermal (Gas) and (Hydro) In MWh - November 2018



Power Generated Through Thermal in November 2018



Power Generated Through Hydro in November 2018

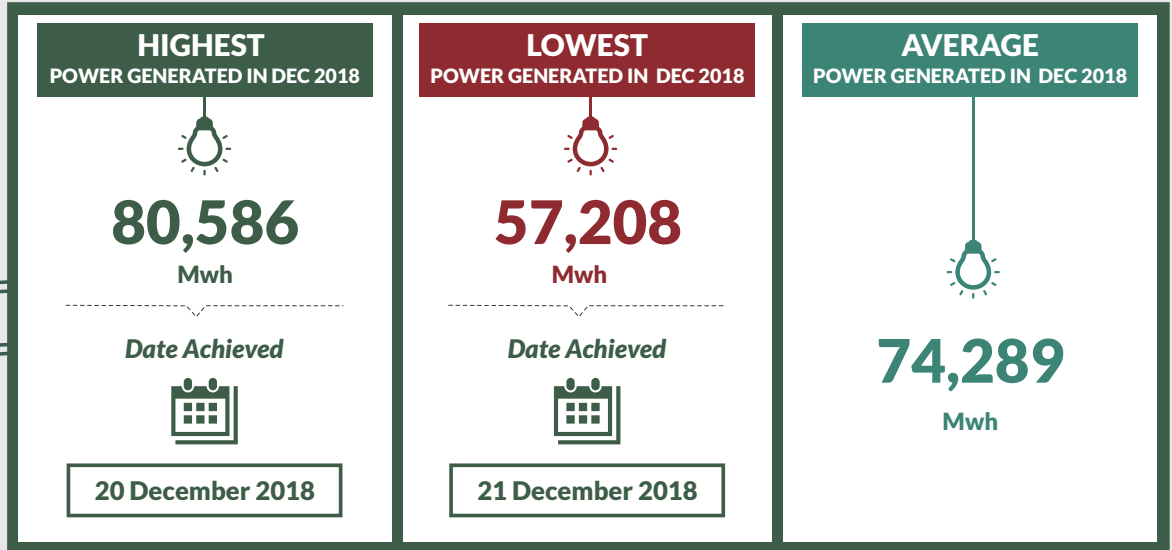
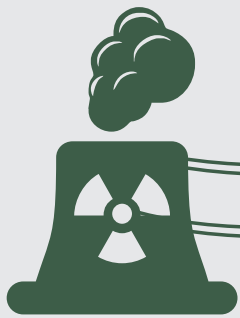


POWER GENERATION – Q4 2018

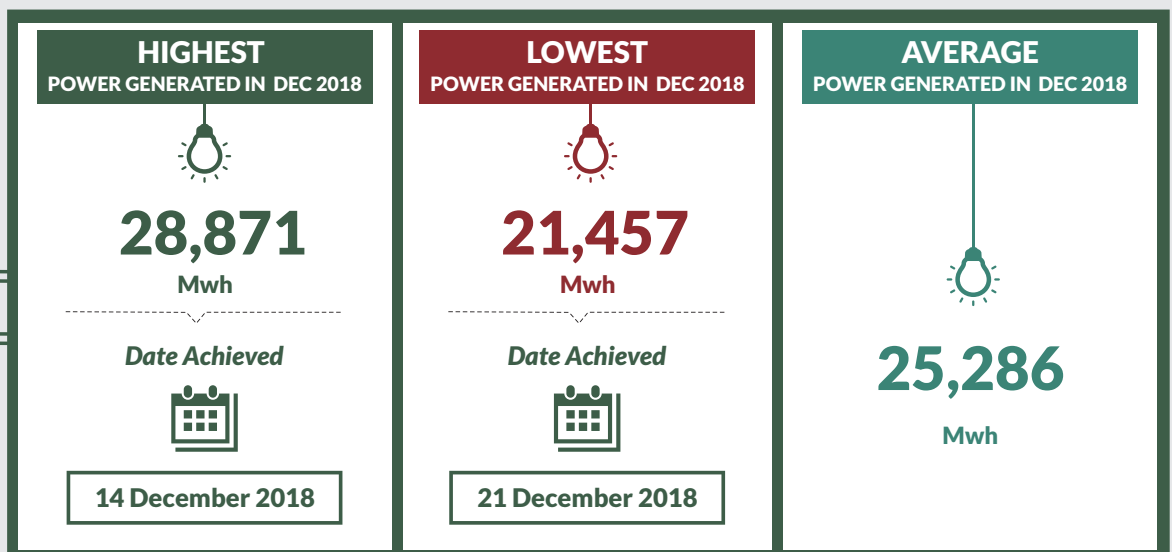
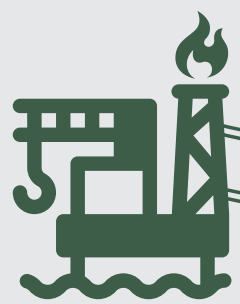
Total Energy Generated Through Thermal (Gas) and (Hydro) In MWh - December 2018



Power Generated Through Thermal in December 2018



Power Generated Through Hydro in December 2018

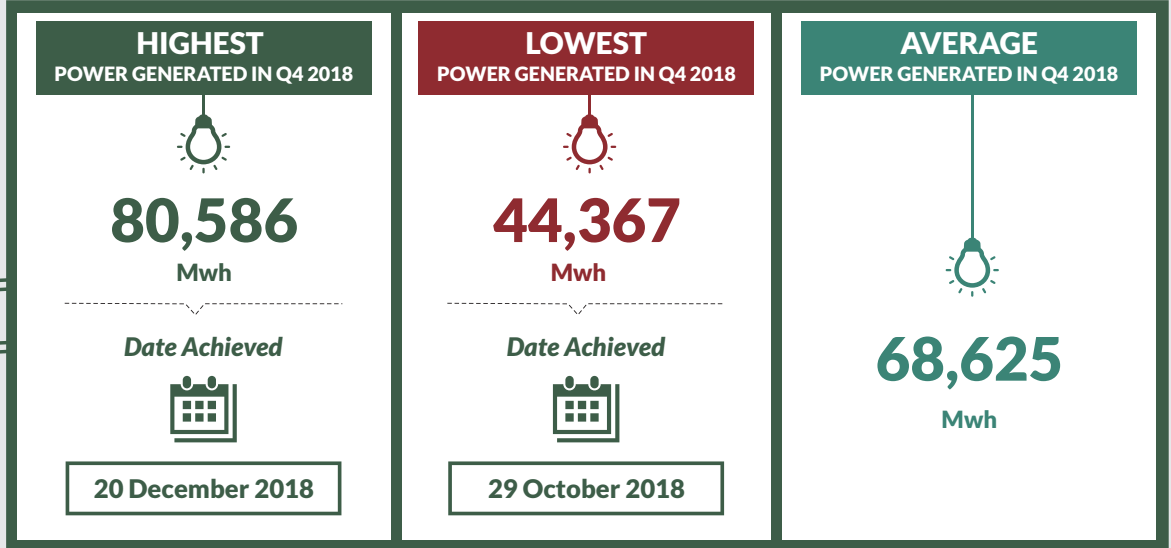
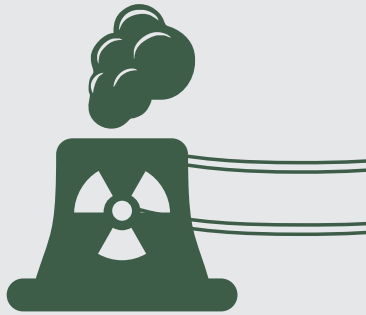


POWER GENERATION – Q4 2018

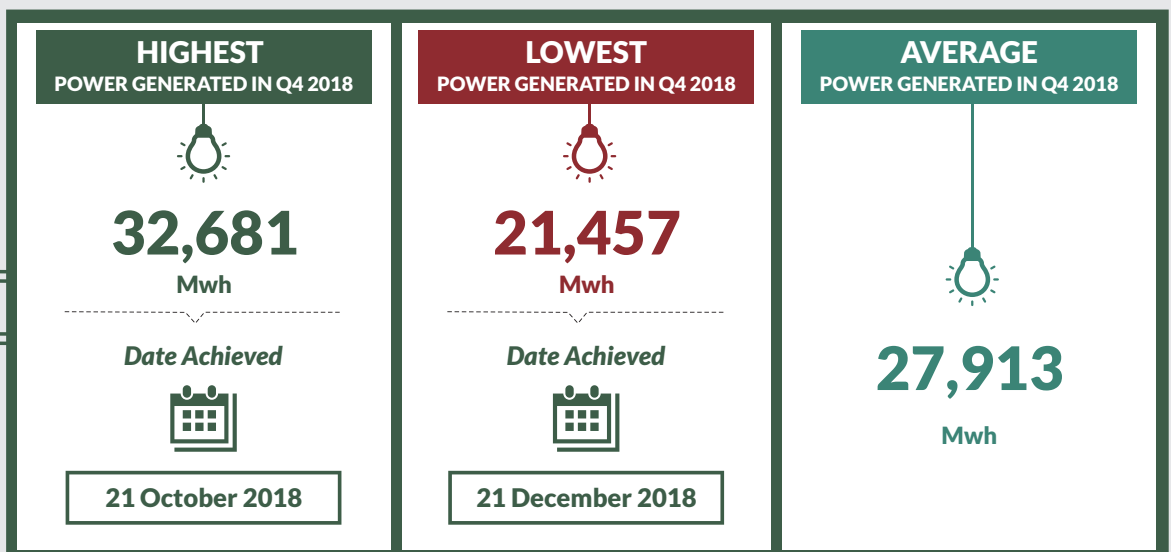
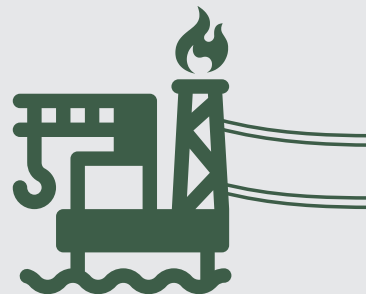
Total Energy Generated Through Thermal (Gas) and (Hydro) In MWh - Q4 2018



Power Generated Through Thermal in Q4 2018

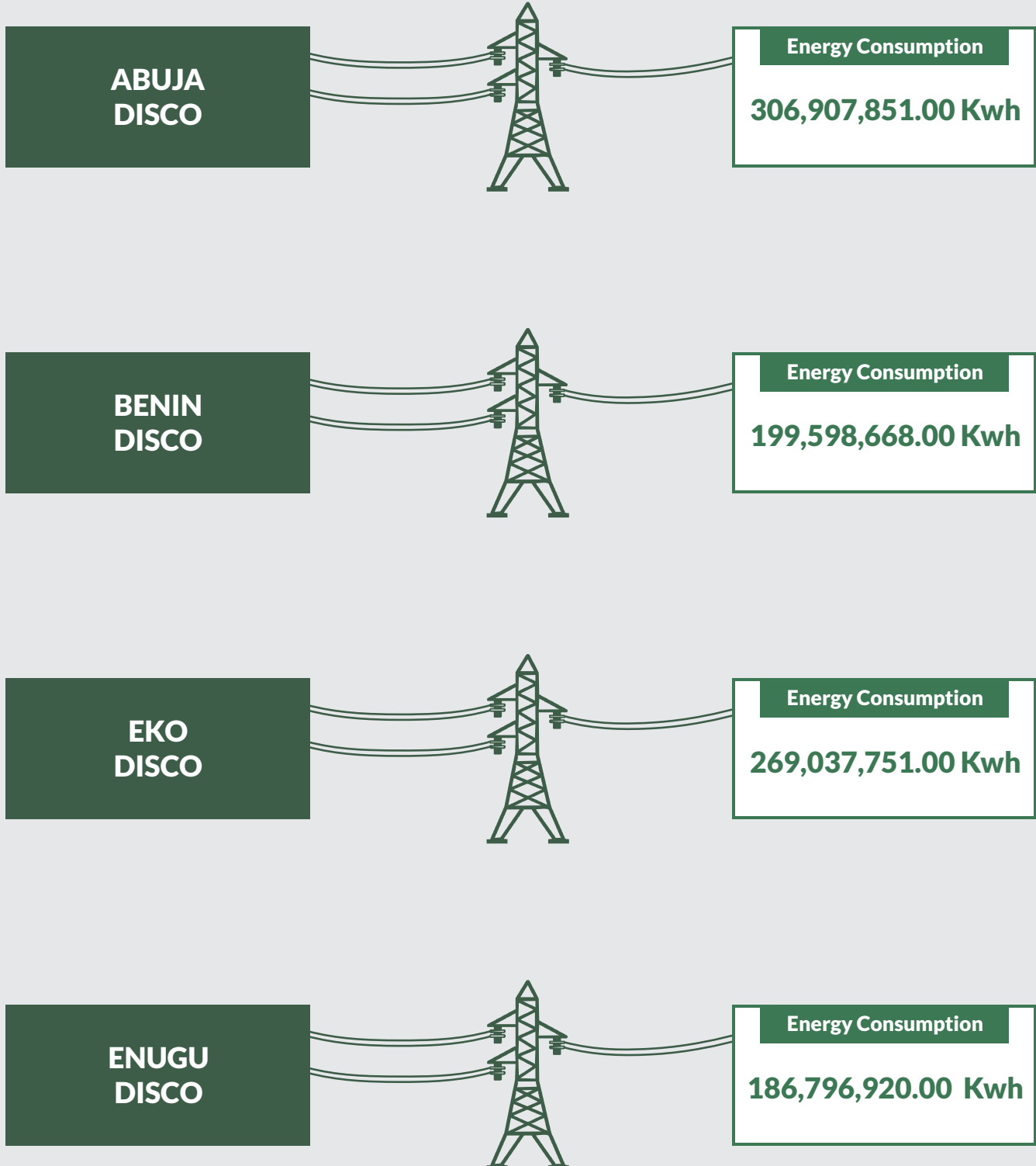


Power Generated Through Hydro in Q4 2018





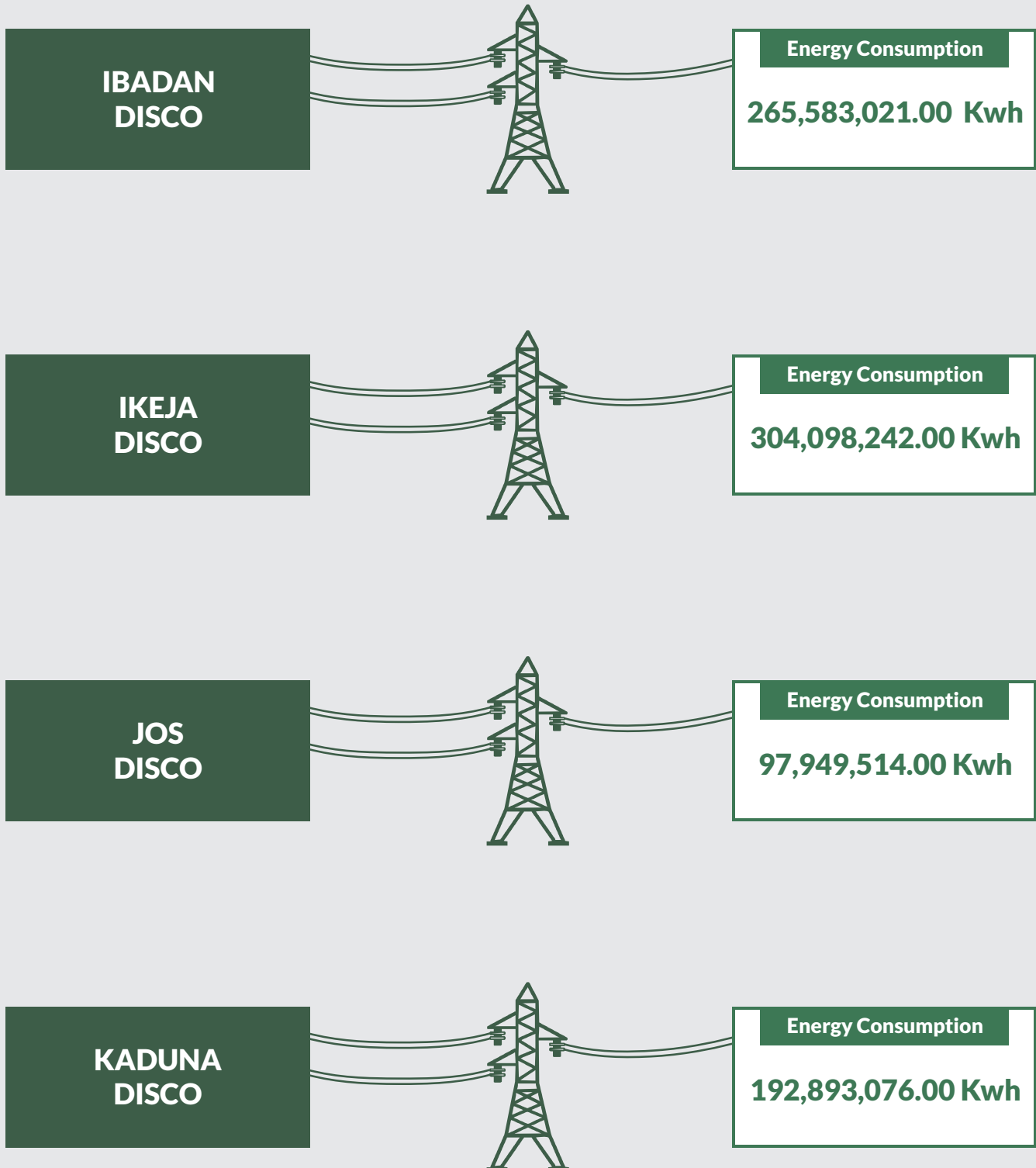
Load Participant Invoice October 2018



N:B- Only data for July is available while August and september are yet to be submitted to NERC.



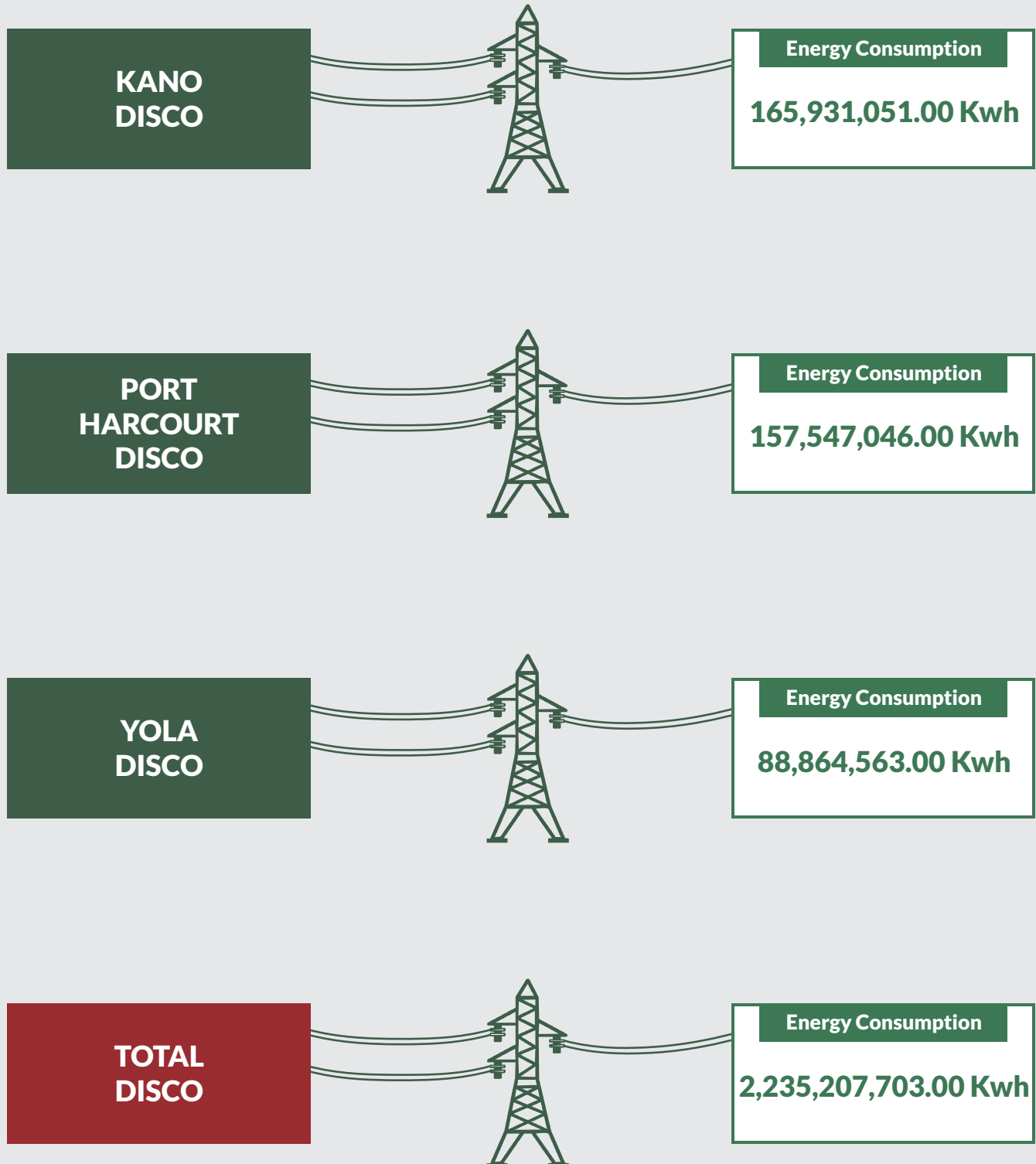
Load Participant Invoice October 2018



N:B- Only data for July is available while August and september are yet to be submitted to NERC.



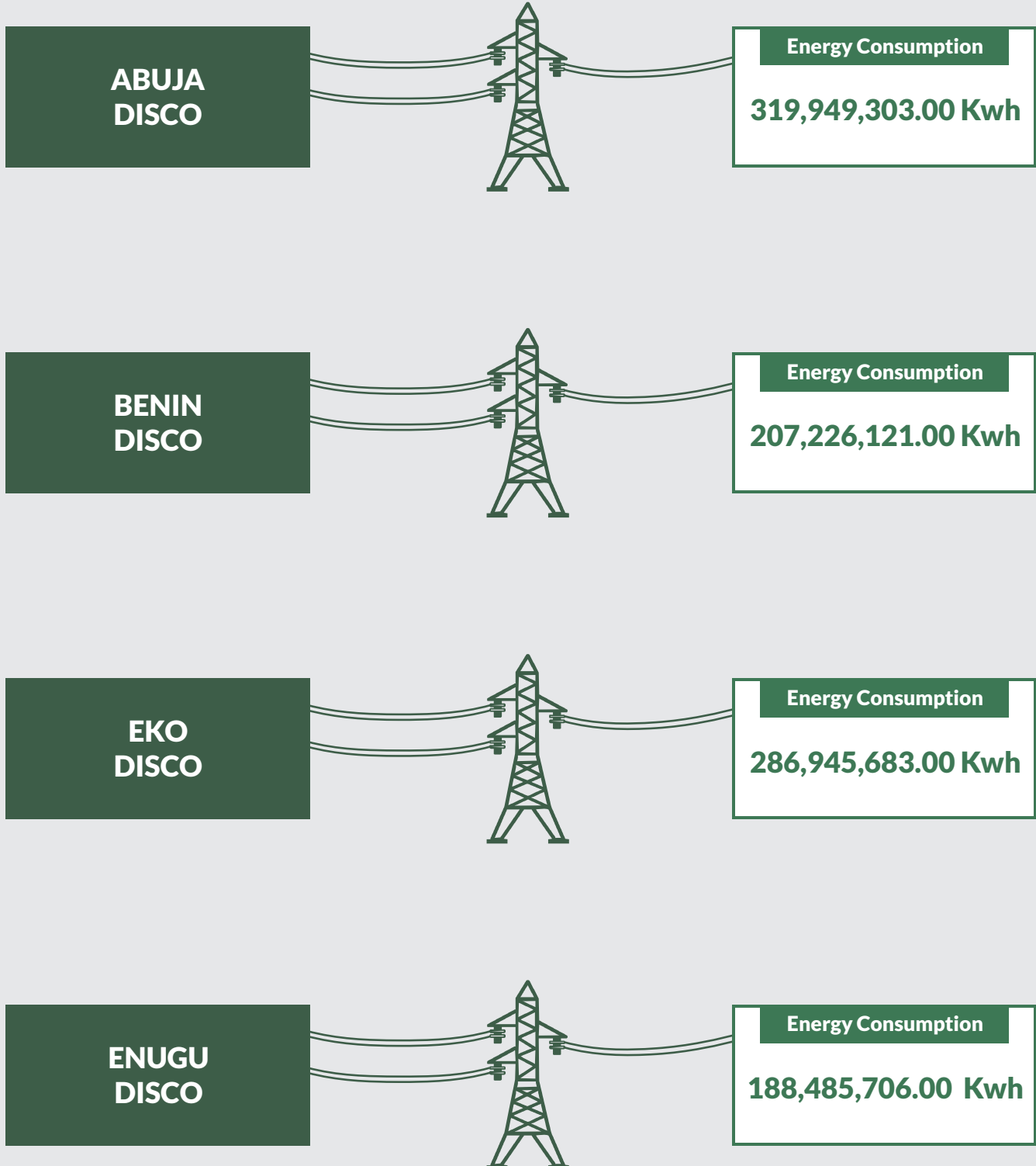
Load Participant Invoice October 2018



N:B- Only data for July is available while August and september are yet to be submitted to NERC.



Load Participant Invoice November 2018



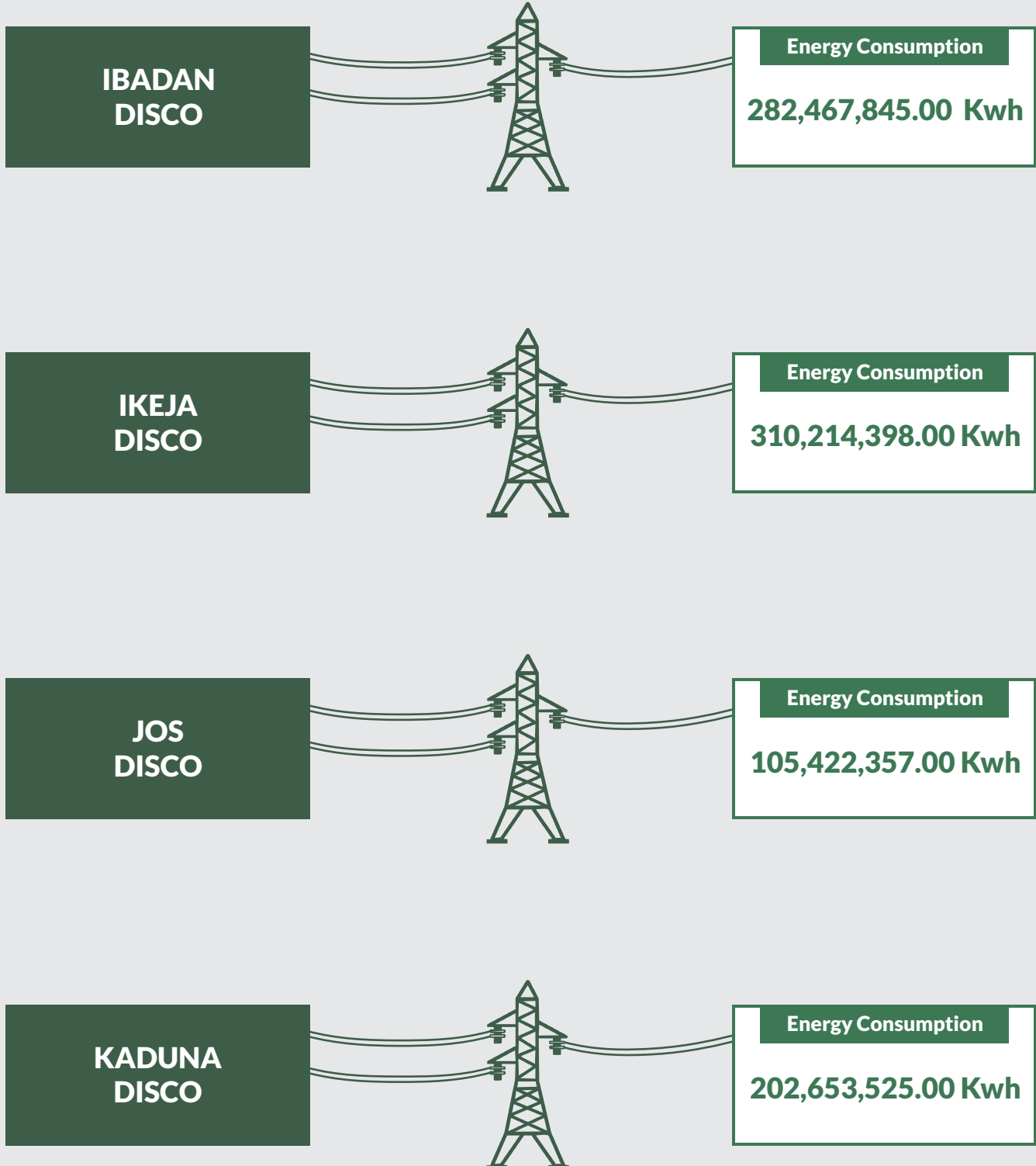
N:B- Only data for July is available while August and september are yet to be submitted to NERC.

POWER GENERATION – Q4 2018

Actual Consumption - November



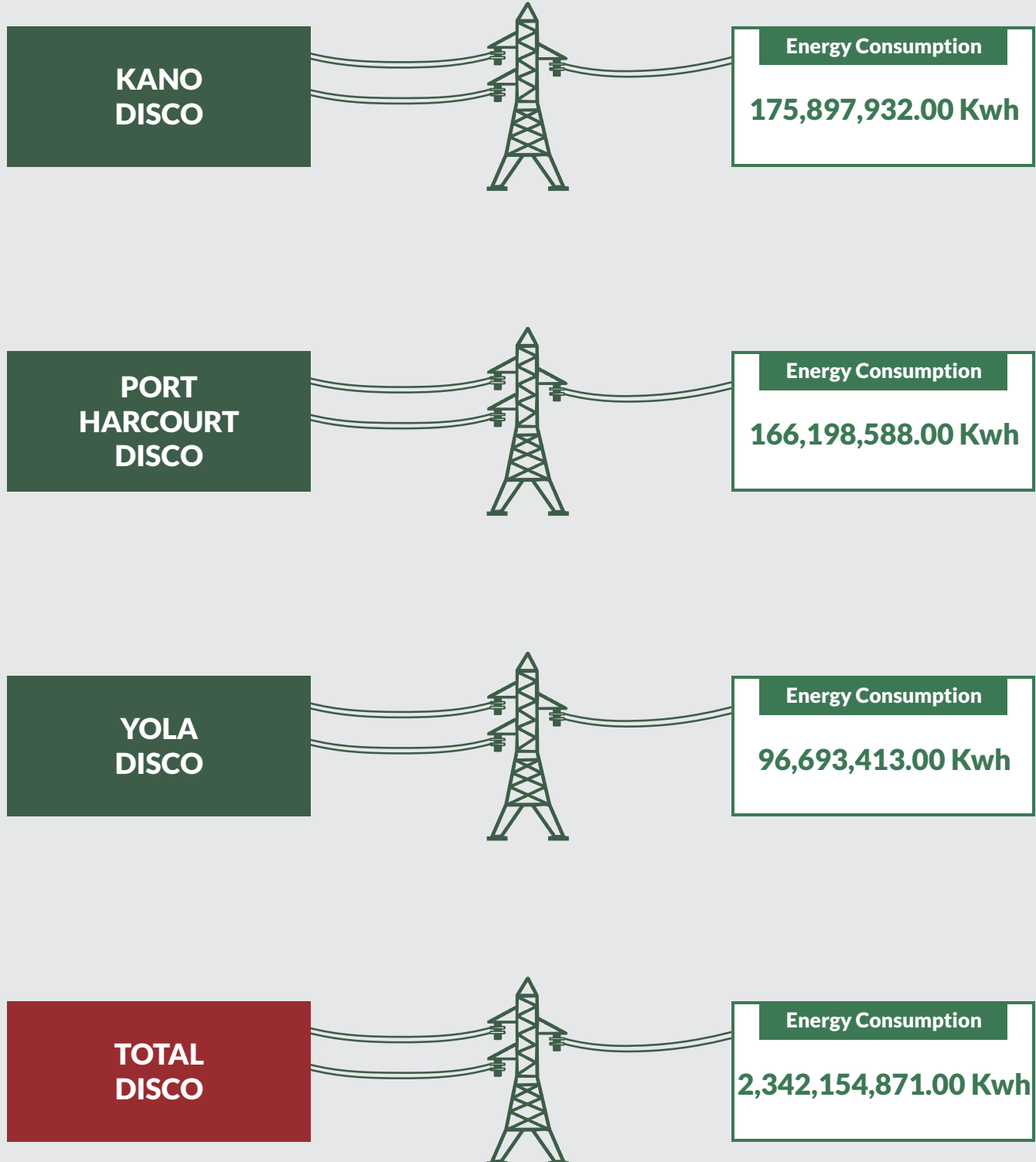
Load Participant Invoice November 2018



N:B- Only data for July is available while August and september are yet to be submitted to NERC.



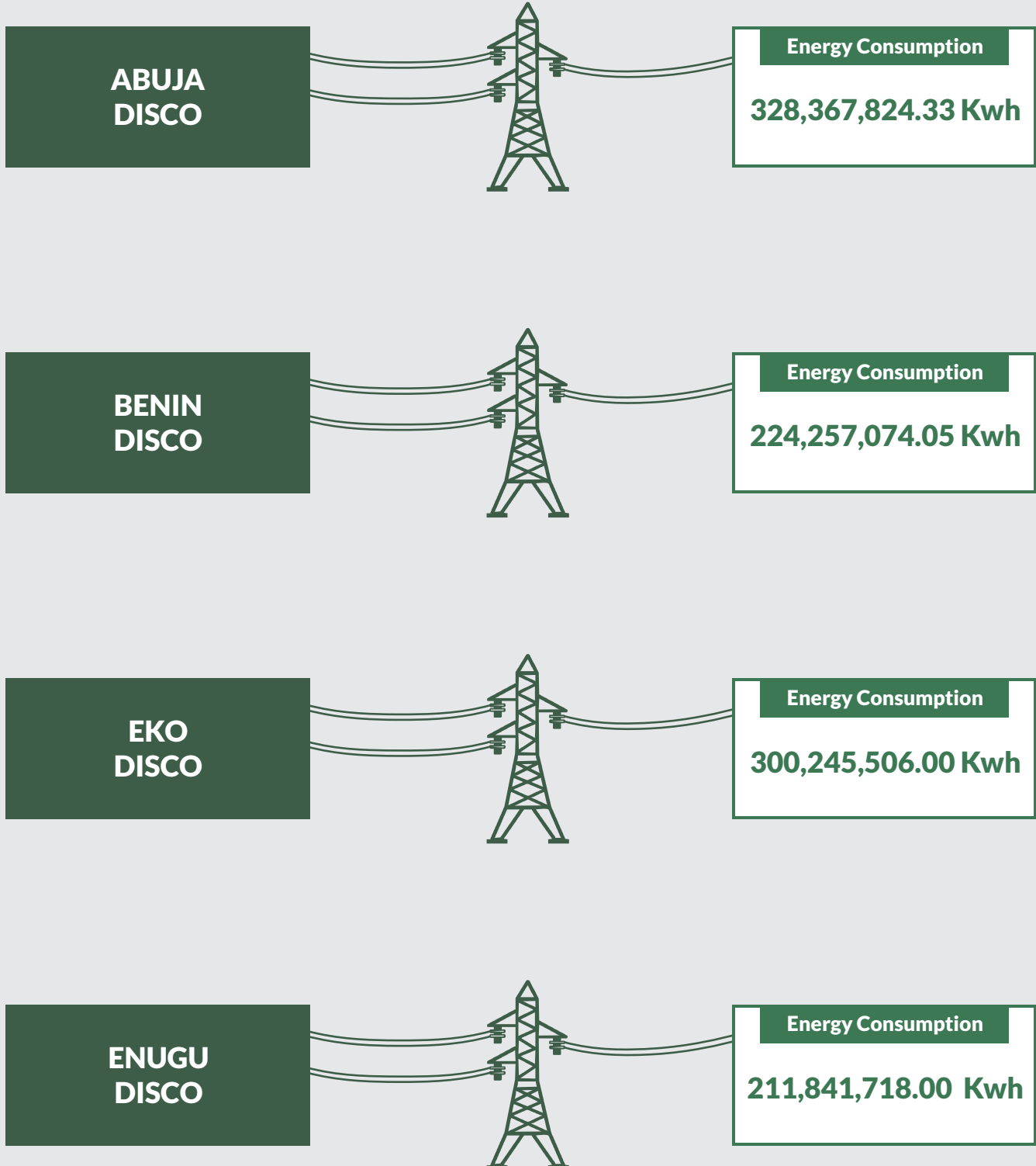
Load Participant Invoice November 2018



N:B- Only data for July is available while August and september are yet to be submitted to NERC.



Load Participant Invoice December 2018



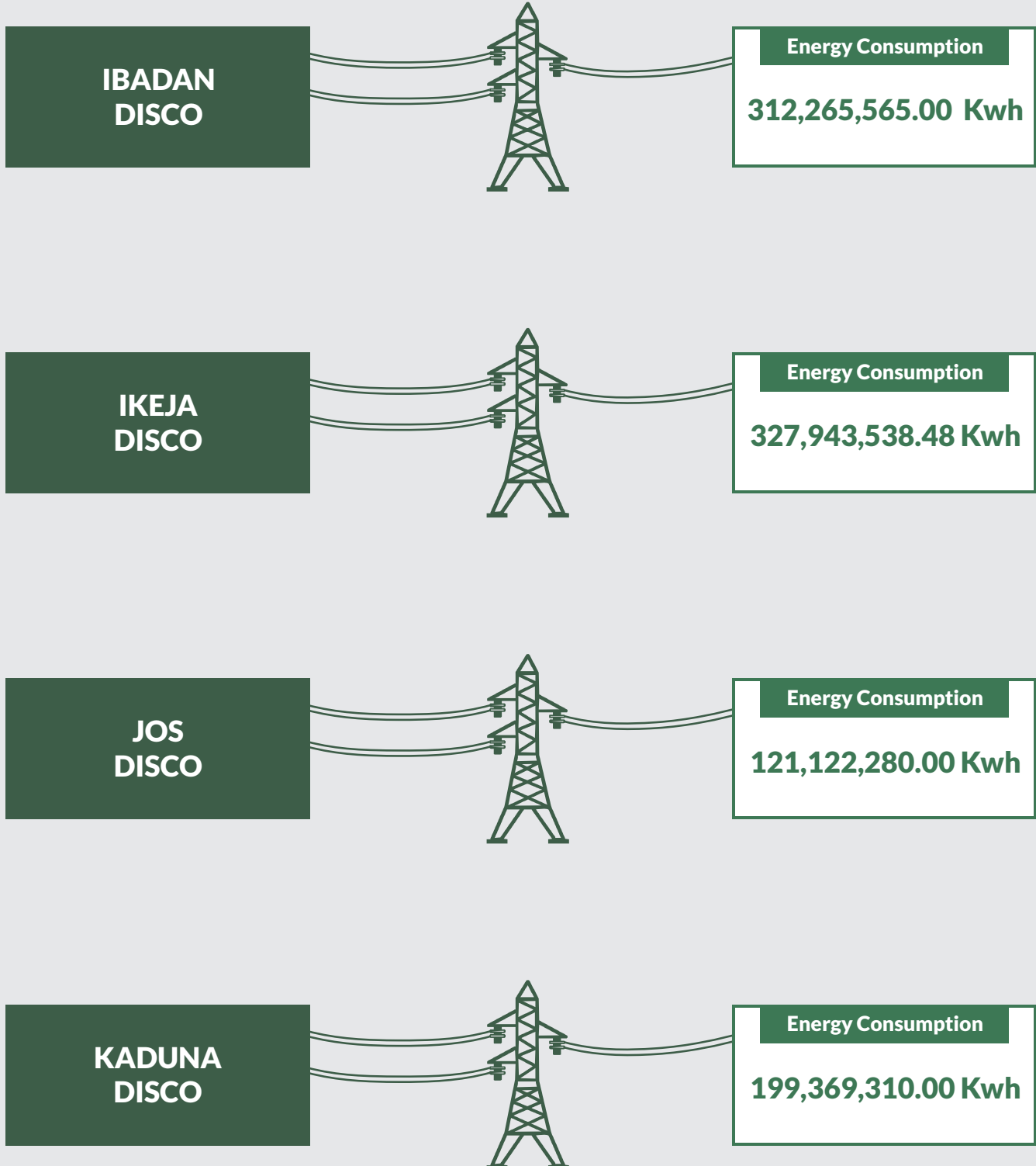
N:B- Only data for July is available while August and september are yet to be submitted to NERC.

POWER GENERATION – Q4 2018

Actual Consumption - December



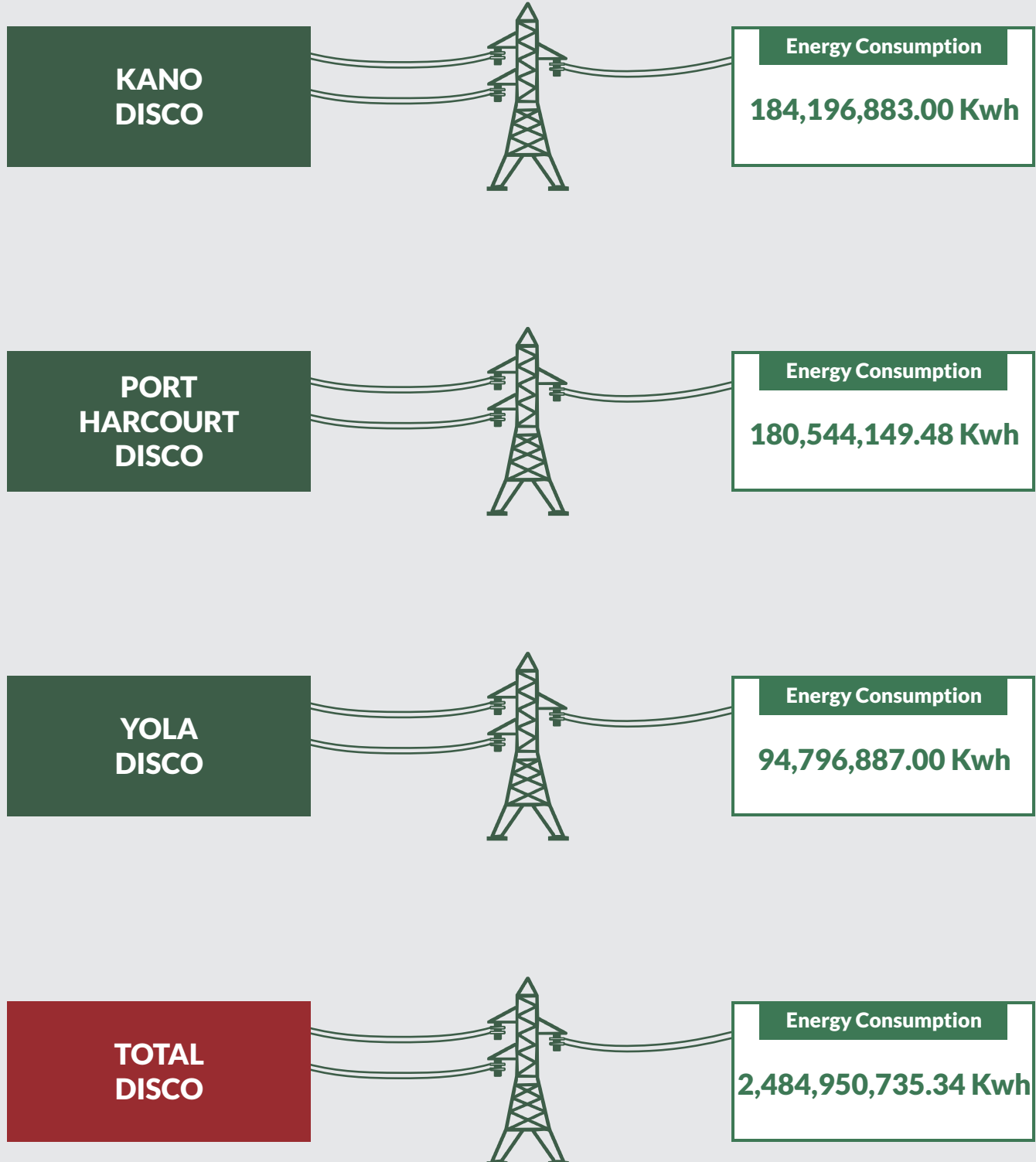
Load Participant Invoice December 2018



N:B- Only data for July is available while August and september are yet to be submitted to NERC.



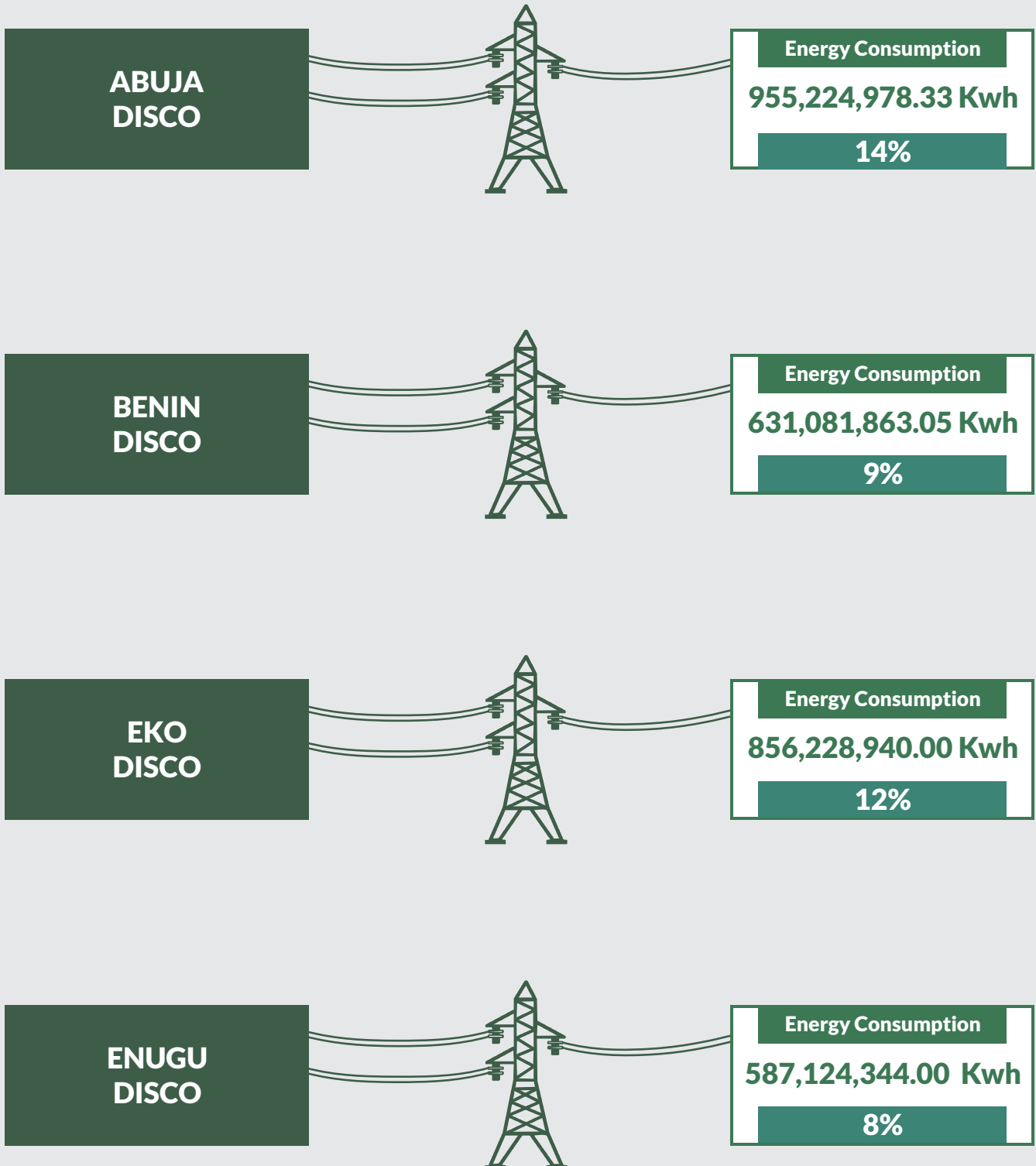
Load Participant Invoice December 2018



N:B- Only data for July is available while August and september are yet to be submitted to NERC.



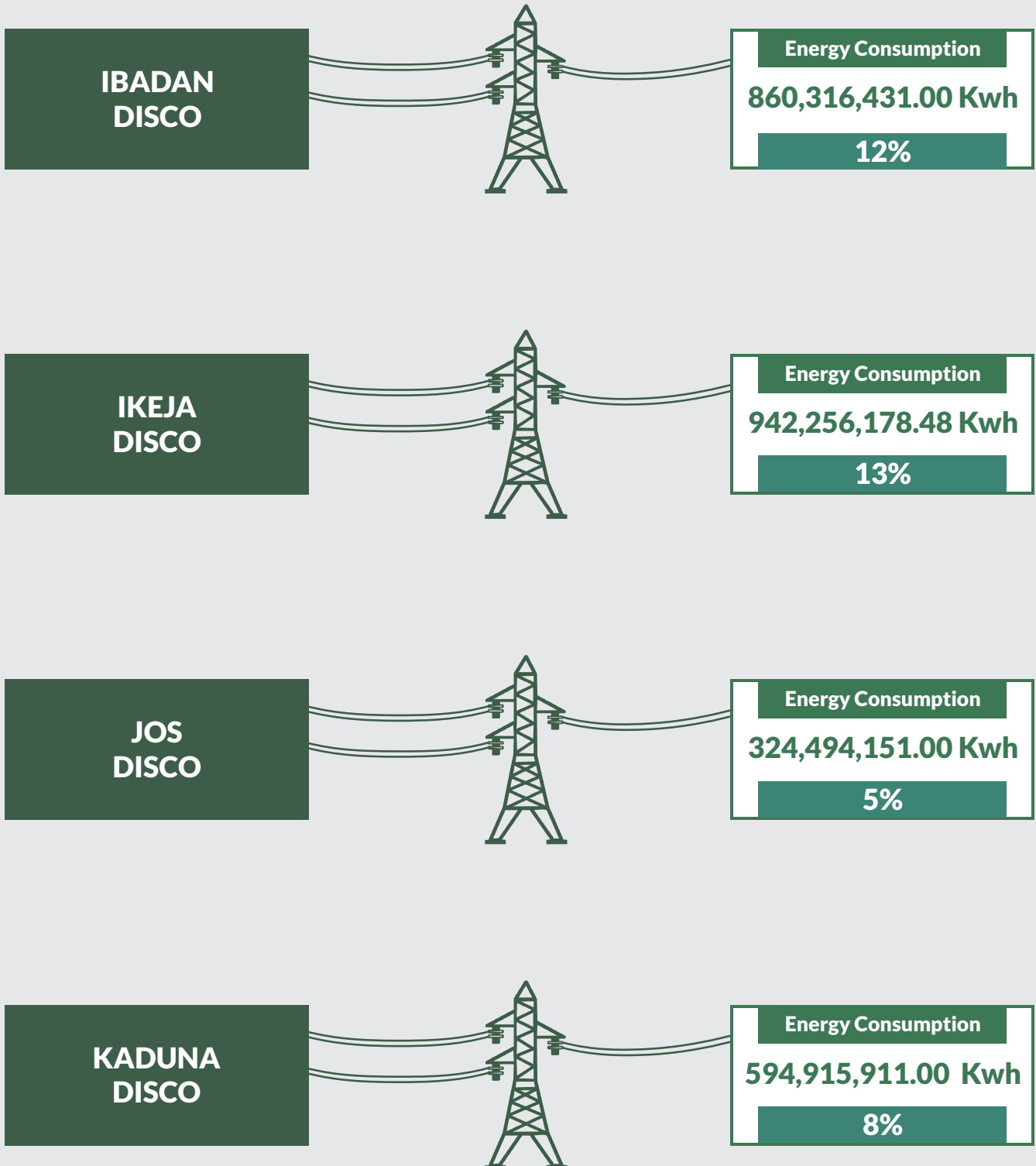
Load Participant Invoice Q4 Total Per Load



N:B- Only data for July is available while August and september are yet to be submitted to NERC.



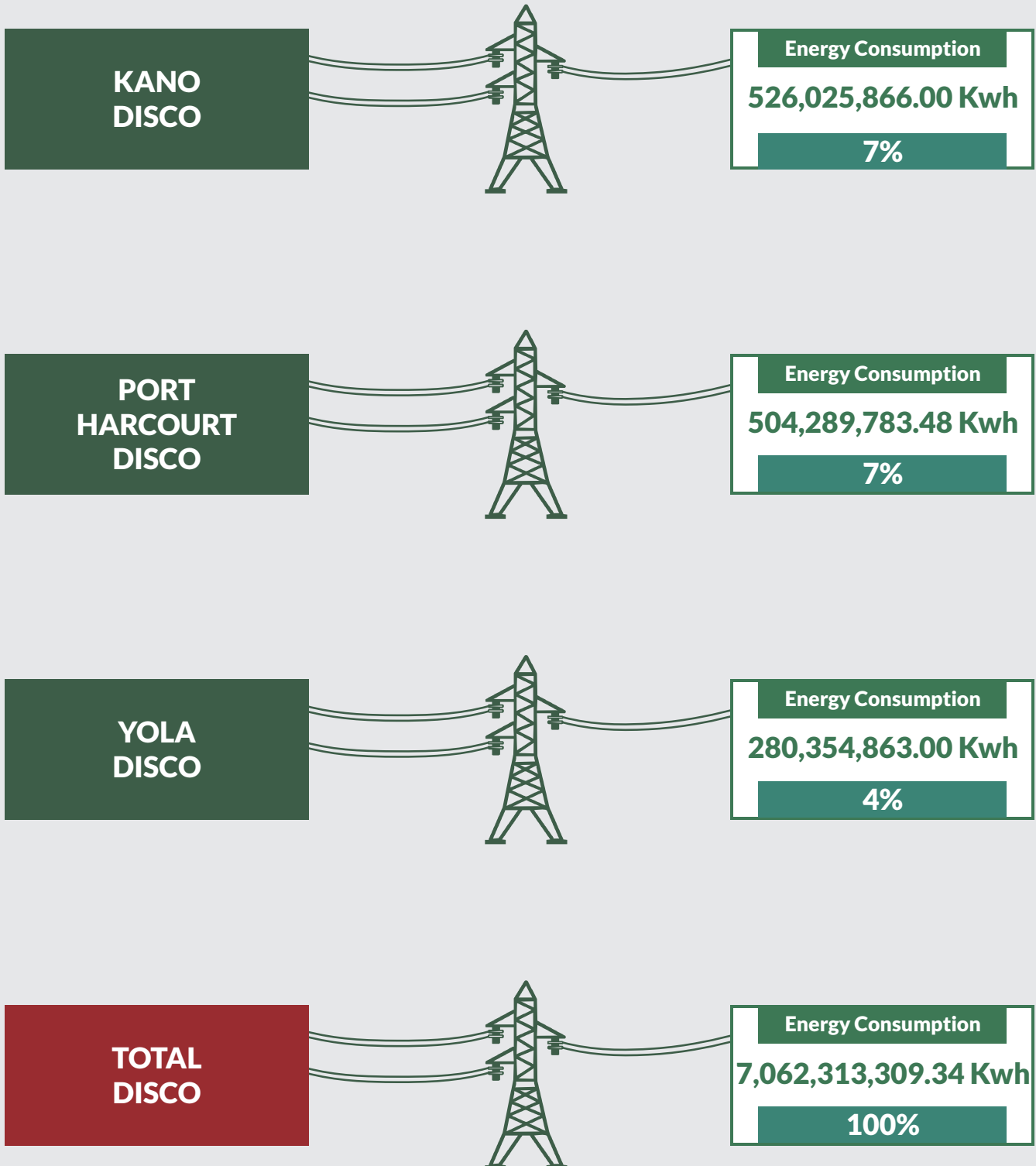
Load Participant Invoice Q4 Total Per Load



N:B- Only data for July is available while August and september are yet to be submitted to NERC.



Load Participant Invoice Q4 Total Per Load



N:B- Only data for July is available while August and september are yet to be submitted to NERC.



Methodology

Data is supplied administratively by Nigerian Electricity Regulatory Commission (NERC) and verified and validated by the National Bureau of Statistics, Nigeria (NBS).

Hydro

			JEBBA	KAINJI	SHIRORO	
		Event Date	HYDRO	HYDRO	HYDRO	DAILY TOTAL
Oct	2018	01/10/2018	9016	6957	10267	26240
Oct	2018	02/10/2018	9369	9063	10440	28872
Oct	2018	03/10/2018	9501	9141	10533	29175
Oct	2018	04/10/2018	9933	8665	10465	29063
Oct	2018	05/10/2018	9561	9334	9996	28891
Oct	2018	06/10/2018	9639	9520	10399	29558
Oct	2018	07/10/2018	9418	9600	8242	27260
Oct	2018	08/10/2018	9816	9592	10286	29694
Oct	2018	09/10/2018	9771	9419	10496	29686
Oct	2018	10/10/2018	9354	8613	10175	28142
Oct	2018	11/10/2018	9936	9337	10185	29458
Oct	2018	12/10/2018	9912	9462	11056	30430
Oct	2018	13/10/2018	9585	9366	13689	32640
Oct	2018	14/10/2018	9150	9521	13285	31956
Oct	2018	15/10/2018	9337	9292	13382	32011
Oct	2018	16/10/2018	8960	9237	13397	31593
Oct	2018	17/10/2018	8582	9181	13411	31174
Oct	2018	18/10/2018	9419	9433	13513	32365
Oct	2018	19/10/2018	9876	7559	13774	31209
Oct	2018	20/10/2018	9757	9349	13211	32317
Oct	2018	21/10/2018	9730	9626	13325	32681
Oct	2018	22/10/2018	9123	9623	12532	31278
Oct	2018	23/10/2018	9073	9488	12612	31173
Oct	2018	24/10/2018	9532	9043	12343	30918
Oct	2018	25/10/2018	9585	9506	10998	30089
Oct	2018	26/10/2018	9788	9607	11165	30560
Oct	2018	27/10/2018	9498	8231	11282	29011
Oct	2018	28/10/2018	10104	9550	10945	30599
Oct	2018	29/10/2018	8101	9447	10763	28311
Oct	2018	30/10/2018	8258	9546	9463	27267
Oct	2018	31/10/2018	10458	9601	10513	30572
Nov	2018	01/11/2018	10014	9548	11313	30875
Nov	2018	02/11/2018	10849	9533	9662	30044
Nov	2018	03/11/2018	9255	9548	8811	27614
Nov	2018	04/11/2018	10020	9661	8521	28202
Nov	2018	05/11/2018	10372	9634	9720	29726
Nov	2018	06/11/2018	9893	9688	10024	29605
Nov	2018	07/11/2018	10315	9758	11436	31509
Nov	2018	08/11/2018	10305	9783	9313	29401
Nov	2018	09/11/2018	10329	9785	8800	28914
Nov	2018	10/11/2018	11073	9732	10111	30916
Nov	2018	11/11/2018	10963	9728	9479	30170
Nov	2018	12/11/2018	10915	9818	7985	28718
Nov	2018	13/11/2018	10882	9814	7667	28363
Nov	2018	14/11/2018	10680	9854	7683	28217

Nov	2018	15/11/2018	11002	9851	8673	29526
Nov	2018	16/11/2018	10839	8023	7821	26683
Nov	2018	17/11/2018	10846	7368	6869	25083
Nov	2018	18/11/2018	10802	7839	6018	24659
Nov	2018	19/11/2018	8819	10209	7134	26162
Nov	2018	20/11/2018	8761	10181	6809	25751
Nov	2018	21/11/2018	9394	9284	7529	26207
Nov	2018	22/11/2018	10836	6788	7904	25528
Nov	2018	23/11/2018	10711	7855	8889	27455
Nov	2018	24/11/2018	10769	10098	7011	27878
Nov	2018	25/11/2018	10849	10080	7113	28042
Nov	2018	26/11/2018	10397	9505	8196	28098
Nov	2018	27/11/2018	10461	10073	8674	29208
Nov	2018	28/11/2018	10368	10167	8717	29252
Nov	2018	29/11/2018	10520	10196	9143	29859
Nov	2018	30/11/2018	10176	10254	7869	28299
Dec	2018	01/12/2018	9903	8878	8152	26933
Dec	2018	02/12/2018	9548	8495	7876	25919
Dec	2018	03/12/2018	10122	10218	8277	28617
Dec	2018	04/12/2018	9733	9473	8581	27787
Dec	2018	05/12/2018	8730	9389	8326	26445
Dec	2018	06/12/2018	9947	10195	7517	27659
Dec	2018	07/12/2018	9808	10167	5452	25427
Dec	2018	08/12/2018	9795	10287	6142	26224
Dec	2018	09/12/2018	8658	10254	5439	24351
Dec	2018	10/12/2018	8978	10226	5918	25122
Dec	2018	11/12/2018	9443	9980	6257	25680
Dec	2018	12/12/2018	9362	9179	8588	27129
Dec	2018	13/12/2018	10468	9089	8823	28380
Dec	2018	14/12/2018	9799	9588	9484	28871
Dec	2018	15/12/2018	9376	8290	8704	26370
Dec	2018	16/12/2018	9216	9082	6725	25023
Dec	2018	17/12/2018	9448	9307	6619	25374
Dec	2018	18/12/2018	9812	9491	7075	26378
Dec	2018	19/12/2018	9425	9302	3994	22721
Dec	2018	20/12/2018	8926	8718	5467	23111
Dec	2018	21/12/2018	7803	7885	5769	21457
Dec	2018	22/12/2018	9901	8846	6819	25566
Dec	2018	23/12/2018	8805	9606	5661	24072
Dec	2018	24/12/2018	8388	9098	5889	23375
Dec	2018	25/12/2018	8822	9561	5373	23756
Dec	2018	26/12/2018	9253	9860	6810	25923
Dec	2018	27/12/2018	9248	9675	5609	24532
Dec	2018	28/12/2018	8775	9781	4691	23247
Dec	2018	29/12/2018	9066	8723	5432	23221
Dec	2018	30/12/2018	8715	9588	5354	23657
Dec	2018	31/12/2018	7995	9459	4088	21542
		Q4 TOTAL	891825	860254	815948	2568026

Prepaid Meters

TOTAL NUMBER OF CONSUMERS WITH PREPAID METERS BY DISCOs Q4 2018			
Disco	PPM Dec 2018		
Abuja	295,641	Abuja	292,714
Benin	287,995	Benin	285,144
Eko	161,382	Eko	159,784
Enugu	141,465	Enugu	140,064
Ibadan	256,804	Ibadan	254,261
Ikeja	160,813	Ikeja	159,221
Jos	55,444	Jos	54,895
Kaduna	139,547	Kaduna	138,165
Kano	65,711	Kano	65,060
PH	67,172	PH	66,507
Yola	37,702	Yola	37,329
TOTAL	1,669,675		1,653,144

Actual Consumption

Load Participants		Oct-18	Nov-18	Dec-18		
		Energy (kWh)	Energy (kWh)	Energy (kWh)	Quarterly Total	Percentage Allocation
ABUJA	DISCO	306,907,851.00	319,949,303.00	328,367,824.33	955,224,978.33	14%
BENIN	DISCO	199,598,668.00	207,226,121.00	224,257,074.05	631,081,863.05	9%
EKO	DISCO	269,037,751.00	286,945,683.00	300,245,506.00	856,228,940.00	12%
ENUGU	DISCO	186,796,920.00	188,485,706.00	211,841,718.00	587,124,344.00	8%
IBADAN	DISCO	265,583,021.00	282,467,845.00	312,265,565.00	860,316,431.00	12%
IKEJA	DISCO	304,098,242.00	310,214,398.00	327,943,538.48	942,256,178.48	13%
JOS	DISCO	97,949,514.00	105,422,357.00	121,122,280.00	324,494,151.00	5%
KADUNA	DISCO	192,893,076.00	202,653,525.00	199,369,310.00	594,915,911.00	8%
KANO	DISCO	165,931,051.00	175,897,932.00	184,196,883.00	526,025,866.00	7%
P/HARCOURT	DISCO	157,547,046.00	166,198,588.00	180,544,149.48	504,289,783.48	7%
YOLA	DISCO	88,864,563.00	96,693,413.00	94,796,887.00	280,354,863.00	4%
	Monthly Total	2,235,207,703.00	2,342,154,871.00	2,484,950,735.34	7,062,313,309.34	100%

Acknowledgements/Contacts

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