



# **Multi Year Tariff Order (MYTO) and its benefit to consumers**

Power Consumer Assembly

May, 2012

# Outline

- Consumer/Investor Rights and Obligations
- The Principles of Multi Year Tariff Order
- Rational for Price Increase
- Consultations Carried out by the Commission
- Measures to mitigate effect of tariff increase
- Benefits of MYTO to consumers
- Retail Tariff Structure



# Customer Rights

- Right to safe, reliable electric service upon payment
- Right to accurate and properly installed metering and transparent billing
- Right to prompt investigation of complaints
- Right to information on supply interruptions, disconnections and reconnections
- The right to be heard and seek redress
- The right to consumer education



# Investor/Utility Rights

- Right to recover full efficient cost
- **Right to financial viability**
- Right to a reasonable return on capital
- Right of open access to the national grid
- Right to incentives for improved efficiency and quality of service



# Multi-Year Tariff Order

- MYTO: tariff methodology that establishes the electricity tariffs paid by all Nigerian residents
- Consumers pay ALL efficient costs of providing electricity

**MY**

Set 5 years in advance

**T**

Prices paid by the consumers

**O**

Based on regulatory Orders or decisions made by the Commission



# Multi-Year Tariff Order

- MYTO is a unified way to determine total electricity industry revenue requirement
- Gives long-term view of industry tariffs that allows for the long gestation and investment recovery periods that are a key feature of the NESI
- Enables recovery of costs and allows reasonable profits, i.e., the revenue requirement



# Tariff Principles

- MYTO sets tariffs for the three electricity sectors based on certain principles and assumptions, namely:
  - **Cost recovery/financial viability** – licensees recover efficient costs, including a reasonable return on capital
  - **Signals for investment** – tariffs should encourage an efficient level and nature of investment (e.g., location)
  - **Certainty and stability** of the tariff framework enables private sector investment
  - **Efficient use of the network** – tariffs should reflect the marginal costs that users impose on the system, influence efficient use and reduce cross-subsidies
  - **Allocation of risk** – the tariff framework should allocate risks efficiently to those best placed to manage them



# Tariff Principles.....(2)

- **Simplicity and cost-effectiveness** – the framework should be simple and not costly to implement
- **Incentives for improving performance** – it should incentivise cost reduction and quality of service
- **Transparency/fairness** – it should be transparent and ensure open access to monopoly networks
- **Flexibility/robustness** – it should cater to unforeseen changes in the market
- **Social and political objectives** – it should provide for the achievement of social goals such as universal access and demand-side management





# MYTO Methodology-

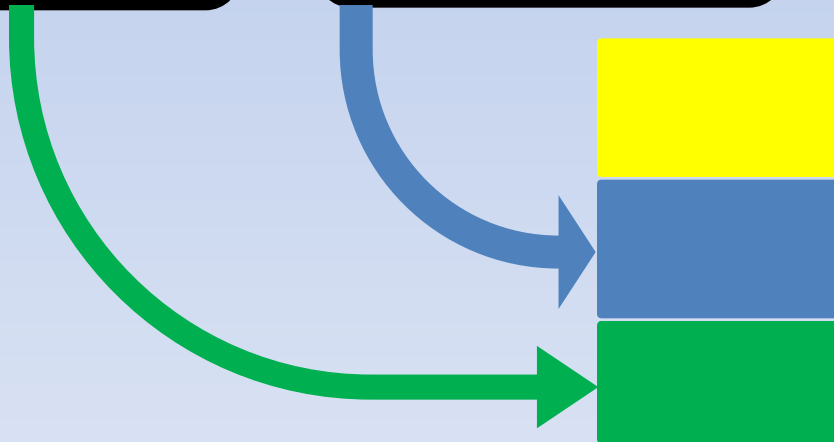
## General Assumptions to Disco Retail Tariff

Inputs to the tariff – forecasts of load, capacity, fuel costs, investment, levels of losses, customer numbers, O & M costs and other economic and technical data

Generation costs,  
life cycle cost  
methodology

Transmission tariff  
Building Blocks

Distribution & retail  
tariff  
Building Blocks



**Final retail tariff  
To consumers**



# Conditions Precedent for Transmission Companies

- Cancellation of TCN License – issuance of licenses to TSP and SO and ring-fencing of the System Operator (SO) function
- Grid metering at various identified points in the transmission grid shall be installed, tested and commissioned.
- The settlement systems and procedures required to implement the Grid Code ahead of the commencement of the Transition Stage market
- The settlement systems and procedures required to implement the Market Rules ahead of the commencement of the Transition Stage market .

# Conditions Precedent for Distribution Companies

- Opening of fully-equipped and staffed Forum.
- Opening of a fully-equipped Customer Compliant Unit (CCU) by all the Distribution Companies.
- The submission of information on each Disco's metering programme to be funded from the =N=2.9bn Federal Government tariff contribution.
- The rate presently applicable to consumers on estimated billing shall continue to be so after the implementation of MYTO 2, until when these consumers are properly metered.

# Rationale for the Price Increase-1

- Full efficient cost recovery is mandated by the S.76, EPSR Act, 2005
- ALL businesses to remain in business and grow must cover their costs and provide a reasonable return
- Without a **cost-reflective tariff**, no utility provider will enter any market, however large the market
- The absence of a cost-reflective tariff is a key reason for the failure of the power sector to serve Nigerians for the past three decades



# Rationale for the Price Increase-2

- Wrong projections in MYTO 1, especially load projections, e.g., 16,000 MW in 2011
- Increase in natural gas supply and transport prices
- Inclusion of Feed-in Tariffs (Wind, Solar, Biomass and Small Hydro)
- Inclusion of tariff for coal-fired generation
- Increasing inflation rates and depreciation of Naira
- Need to provide added incentives to attract private sector
- Need to reduce unnecessary consumptions and wastages
- Need to have more pre payment meters to discourage estimated billing
- Thus the recent Major Review started with a Consultation Paper published in May 2011



# Benefits of MYTO to consumers

- Attainment of certain degree of metering as a Condition Precedent for the Implementation of MYTO by the Discos.
- Existing Customers that have not paid for meters do not need to pay as the cost of the meters have been included in MYTO.
- New customers will only pay standard connection fee with no additional charges for the meter.
- Meter Maintenance fees have been abolished since December 2011.
- Lifeline customers (R1) will enjoy special benefit of paying no fixed charge on their electricity.

# List of Stakeholders Consulted

- National Economic Council
- Relevant National Assembly Committees
- Academic community
- Electricity Consumers
- Electricity Consumer groups
- Civil Society Organisations
- PHCN Successors Companies
- Media
- IPPs
- Banks & other financial Institutions ( Local and International)
- IOC's
- Chambers of Commerce and Industry
- Manufactures Association of Nigeria



# Tariff Design Approach

- Each Disco has tariffs reflecting its uniqueness in terms of cost, location and customer profile
- The MoF has provided maximum subsidy of ₦50bn (2012) and ₦50bn (2013)
- This subsidy will be applied to residential customers only
- NERC has retained the lifeline tariff at ₦4.00/kWh to all those consuming below 50kWh/month
- Cross subsidies from large R, C and D customers to small residential customers are implicit in tariff design because the FG subsidy is not sufficient
- Tariff design has reduced classes from 19 to 14.
- Tariff design for recovery of fixed and energy charges





# New tariff classes under the 2012 Tariff Order

Customer Classification	Description	Remarks
<b>Residential</b>		
R1	Life-Line (50 kWh)	A consumer who uses his premises exclusively as a residence- house, flat or multi- storeyed house
R2	Single and 3-phase	
R3	LV Maximum Demand	
R4	HV Maximum Demand (11/33 KV)	
<b>Commercial</b>		
C1	Single and 3-phase	A consumer who uses his premises for any purpose other than exclusively as a residence or as a factory for manufacturing goods.
C2	LV Maximum Demand	
C3	HV Maximum Demand(11/33 KV)	
<b>Industrial</b>		
D1	Single and 3-phase	A consumer who uses his premises for manufacturing goods including welding and ironmongery
D2	LV Maximum Demand	
D3	HV maximum Demand (11/33 KV)	
<b>Special</b>		
A1	Single and 3 Phase	Customers such as agriculture and agro-allied industries , water boards, religious houses, government and teaching hospitals, government research institutes and educational establishments.
A2	LV Maximum Demand	
A3	HV Maximum Demand (11/33 KV)	
<b>Street Lighting</b>		
S1	Single and 3-phase	

# Abuja Disco - Fixed Charge

Tariff Code	2012	2013	2014	2015
	<u>Fixed Charge, N / Month</u>			
Residential R1	-	-	-	-
Residential R2	500	702	986	1,384
Residential R3	37,527	52,696	73,997	103,908
Residential R4	113,358	136,030	191,016	268,228
Commercial C1	500	702	986	1,384
Commercial C2	34,020	47,772	67,082	94,197
Commercial C3	102,767	123,321	173,169	243,168
Industrial 1	10,000	10,000	14,042	19,718
Industrial D2	101,113	101,113	141,985	199,378
Industrial D3	102,767	123,321	173,169	243,168
Special 1	500	702	986	1,384
Special 2	35,938	43,125	60,557	85,035
Special 3	45,313	54,375	76,354	107,218
Street Lighting S1	500	600	843	1,183

# Abuja Disco- Energy Charge

	2012	2013	2014	2015
Tariff Code	<u>Energy Charge, N / kWh</u>			
Residential R1	4.00	4.00	4.00	4.00
Residential R2	11.74	12.62	13.25	13.91
Residential R3	22.62	22.62	23.75	24.94
Residential R4	22.62	22.62	23.75	24.94
Commercial C1	16.56	16.56	17.39	18.26
Commercial C2	21.03	21.03	22.08	23.18
Commercial C3	21.03	21.03	22.08	23.18
Industrial 1	16.97	16.97	17.81	18.70
Industrial D2	22.04	22.04	23.14	24.30
Industrial D3	22.04	22.04	23.14	24.30
Special 1	16.24	16.24	17.05	17.90
Special 2	16.24	16.24	17.05	17.90
Special 3	16.24	16.24	17.05	17.90
Street Lighting S1	12.47	13.41	14.08	14.78

# Benin Disco - Fixed Charge

Tariff Code	2012	2013	2014	2015
	<u>Fixed Charge, N / Month</u>			
Residential R1	-	-	-	-
Residential R2	500	750	1,500	1,800
Residential R3	25,018	37,527	49,143	64,355
Residential R4	101,631	133,091	174,289	228,239
Commercial C1	500	1,000	1,310	1,715
Commercial C2	22,680	34,020	44,551	58,341
Commercial C3	141,748	141,748	185,625	243,085
Industrial 1	500	1,000	1,310	1,715
Industrial D2	139,466	153,413	200,901	263,089
Industrial D3	141,748	155,923	204,188	267,394
Special 1	500	1,000	1,310	1,715
Special 2	34,375	37,813	49,517	64,845
Special 3	40,625	44,688	58,520	76,635
Street Lighting S1	500	1,000	1,310	1,715

# Benin Disco – Energy Charge

	2012	2013	2014	2015
Tariff Code	<u>Energy Charge, N / kWh</u>			
Residential R1	4.00	4.00	4.00	4.00
Residential R2	11.37	11.37	11.94	12.54
Residential R3	20.28	20.28	21.29	22.36
Residential R4	20.28	20.28	21.29	22.36
Commercial C1	15.84	15.84	16.63	17.46
Commercial C2	18.85	18.85	19.79	20.78
Commercial C3	18.85	18.85	19.79	20.78
Industrial 1	15.21	15.21	15.97	16.77
Industrial D2	19.76	19.76	20.75	21.79
Industrial D3	19.76	19.76	20.75	21.79
Special 1	14.56	14.56	15.29	16.05
Special 2	14.56	14.56	15.29	16.05
Special 3	14.56	14.56	15.29	16.05
Street Lighting S1	15.00	15.00	15.75	16.54

# Enugu Disco - Fixed Charge

Tariff Code	2012	2013	2014	2015
	<u>Fixed Charge, N / Month</u>			
Residential R1	-	-	-	-
Residential R2	500	650	874	1,176
Residential R3	18,787	24,424	32,847	44,175
Residential R4	117,416	117,416	157,910	212,369
Commercial C1	500	650	874	1,176
Commercial C2	17,032	22,141	29,777	40,046
Commercial C3	106,446	106,446	143,157	192,528
Industrial 1	1,000	1,300	1,748	2,351
Industrial D2	104,733	104,733	140,852	189,428
Industrial D3	106,446	106,446	143,157	192,528
Special 1	500	650	874	1,176
Special 2	37,500	37,500	50,433	67,826
Special 3	46,935	46,935	63,121	84,890
Street Lighting S1	500	650	874	1,176

# Enugu Disco – Energy Charge

Tariff Code	2012	2013	2014	2015
	<u>Energy Charge, N / kWh</u>			
Residential R1	4.00	4.00	4.00	4.00
Residential R2	12.89	14.82	15.57	16.34
Residential R3	23.43	23.43	24.60	25.83
Residential R4	23.43	23.43	24.60	25.83
Commercial C1	17.28	17.28	18.14	19.05
Commercial C2	21.78	21.78	22.87	24.01
Commercial C3	21.78	21.78	22.87	24.01
Industrial 1	17.57	17.57	18.45	19.37
Industrial D2	22.83	22.83	23.97	25.17
Industrial D3	22.83	22.83	23.97	25.17
Special 1	16.82	19.34	20.31	21.33
Special 2	16.82	19.34	20.31	21.33
Special 3	16.82	19.34	20.31	21.33
Street Lighting S1	12.90	14.84	15.58	16.36

# Ibadan Disco - Fixed Charge

Tariff Code	2012	2013	2014	2015
	<u>Fixed Charge, N / Month</u>			
Residential R1	-	-	-	-
Residential R2	500	500	625	781
Residential R3	18,764	18,764	23,453	29,314
Residential R4	117,267	117,267	146,573	183,202
Commercial C1	500	500	625	781
Commercial C2	17,010	17,010	21,261	26,574
Commercial C3	106,311	106,311	132,879	166,086
Industrial 1	500	500	625	781
Industrial D2	104,600	104,600	130,740	163,412
Industrial D3	106,311	106,311	132,879	166,086
Special 1	500	500	625	781
Special 2	33,594	33,594	41,989	52,482
Special 3	46,875	46,875	58,589	73,231
Street Lighting S1	500	500	625	781



# Ibadan Disco – Energy Charge

Tariff Code	2012	2013	2014	2015
	<u>Energy Charge, N / kWh</u>			
Residential R1	4.00	4.00	4.00	4.00
Residential R2	12.30	12.91	13.56	14.23
Residential R3	23.40	24.57	25.80	27.09
Residential R4	23.40	24.57	25.80	27.09
Commercial C1	15.48	16.25	17.07	17.92
Commercial C2	21.75	22.84	23.98	25.18
Commercial C3	21.75	22.84	23.98	25.18
Industrial 1	17.55	18.43	19.35	20.32
Industrial D2	22.80	23.94	25.14	26.39
Industrial D3	22.80	23.94	25.14	26.39
Special 1	16.80	17.64	18.52	19.45
Special 2	16.80	17.64	18.52	19.45
Special 3	16.80	17.64	18.52	19.45
Street Lighting S1	12.90	13.55	14.22	14.93

# Jos Disco - Fixed Charge

Tariff Code	2012	2013	2014	2015
	<u>Fixed Charge, N / Month</u>			
Residential R1	-	-	-	-
Residential R2	500	775	1,163	1,744
Residential R3	18,764	29,083	43,625	65,438
Residential R4	117,267	181,764	272,646	408,969
Commercial C1	500	775	1,163	1,744
Commercial C2	17,010	26,366	39,548	59,322
Commercial C3	106,311	164,782	247,173	370,760
Industrial 1	900	1,395	2,093	3,139
Industrial D2	104,600	162,129	243,194	364,791
Industrial D3	106,311	164,782	247,174	370,760
Special 1	900	1,395	2,093	3,139
Special 2	40,625	62,969	94,453	141,680
Special 3	46,875	72,656	108,984	163,477
Street Lighting S1	900	1,395	2,093	3,139

# Jos Disco – Energy Charge

Tariff Code	2012	2013	2014	2015
	<u>Energy Charge, N / kWh</u>			
Residential R1	4.00	4.00	4.00	4.00
Residential R2	12.99	13.63	14.32	15.03
Residential R3	23.40	24.57	25.80	27.09
Residential R4	23.40	24.57	25.80	27.09
Commercial C1	17.00	17.85	18.74	19.68
Commercial C2	21.75	22.84	23.98	25.18
Commercial C3	21.75	22.84	23.98	25.18
Industrial 1	17.00	17.84	18.74	19.68
Industrial D2	22.80	23.94	25.14	26.39
Industrial D3	22.80	23.94	25.14	26.39
Special 1	16.80	17.64	18.52	19.45
Special 2	16.80	17.64	18.52	19.45
Special 3	16.80	17.64	18.52	19.45
Street Lighting S1	17.00	17.00	17.85	18.74

# Kaduna Disco - Fixed Charge

Tariff Code	2012	2013	2014	2015
	<u>Fixed Charge, N / Month</u>			
Residential R1	-	-	-	-
Residential R2	500	800	1,280	2,048
Residential R3	25,018	40,029	64,046	102,474
Residential R4	156,356	250,170	400,271	640,434
Commercial C1	500	800	1,280	2,048
Commercial C2	22,680	36,288	58,061	92,897
Commercial C3	141,748	226,797	362,875	580,600
Industrial 1	1,000	1,600	2,560	4,096
Industrial D2	139,466	223,146	357,033	571,253
Industrial D3	141,748	226,797	362,875	580,600
Special 1	500	800	1,280	2,048
Special 2	46,728	74,766	119,625	191,400
Special 3	62,500	100,000	160,000	256,000
Street Lighting S1	500	800	1,280	2,048

# Kaduna Disco – Energy Charge

Tariff Code	2012	2013	2014	2015
	<u>Energy Charge, N / kWh</u>			
Residential R1	4.00	4.00	4.00	4.00
Residential R2	12.69	13.96	15.36	16.90
Residential R3	23.33	25.66	28.23	31.05
Residential R4	23.33	25.66	28.23	31.05
Commercial C1	16.00	17.60	19.36	21.30
Commercial C2	21.68	23.85	26.24	28.86
Commercial C3	21.68	23.85	26.24	28.86
Industrial 1	17.50	19.24	21.17	23.29
Industrial D2	22.73	25.00	27.50	30.25
Industrial D3	22.73	25.00	27.50	30.25
Special 1	16.75	18.42	20.26	22.29
Special 2	16.75	18.42	20.26	22.29
Special 3	16.75	18.42	20.26	22.29
Street Lighting S1	14.19	15.61	17.17	18.89

# Kano Disco – Fixed Charge

Tariff Code	2012	2013	2014	2015
	<u>Fixed Charge, N / Month</u>			
Residential R1	-	-	-	-
Residential R2	500	667	889	1,186
Residential R3	22,516	30,031	40,055	53,424
Residential R4	117,267	156,407	208,612	278,241
Commercial C1	500	667	889	1,186
Commercial C2	20,412	27,225	36,312	48,432
Commercial C3	106,311	141,795	189,122	252,245
Industrial 1	650	867	1,156	1,542
Industrial D2	104,600	139,512	186,077	248,184
Industrial D3	106,311	141,795	189,122	252,245
Special 1	500	667	889	1,186
Special 2	46,875	62,521	83,388	111,221
Special 3	62,500	83,361	111,184	148,294
Street Lighting S1	650	867	1,156	1,542

# Kano Disco – Energy charge

Tariff Code	2012	2013	2014	2015
	<u>Energy Charge, N / kWh</u>			
Residential R1	4.00	4.00	4.00	4.00
Residential R2	12.78	13.42	14.09	14.80
Residential R3	23.40	24.57	25.80	27.09
Residential R4	23.40	24.57	25.80	27.09
Commercial C1	15.84	16.63	17.46	18.34
Commercial C2	21.75	22.84	23.98	25.18
Commercial C3	21.75	22.84	23.98	25.18
Industrial 1	17.55	18.43	19.35	20.32
Industrial D2	22.80	23.94	25.14	26.39
Industrial D3	22.80	23.94	25.14	26.39
Special 1	16.80	17.64	18.52	19.45
Special 2	16.80	17.64	18.52	19.45
Special 3	16.80	17.64	18.52	19.45
Street Lighting S1	12.90	13.55	14.22	14.93

# Eko Disco -Fixed Charge

Tariff Code	2012	2013	2014	2015
	<u>Fixed Charge, N / Month</u>			
Residential R1	-	-	-	-
Residential R2	500	750	1,125	1,688
Residential R3	21,265	31,898	47,847	52,632
Residential R4	118,831	136,655	150,321	165,353
Commercial C1	500	750	1,125	1,688
Commercial C2	19,278	22,170	25,495	29,819
Commercial C3	107,728	118,501	130,351	143,387
Industrial 1	603	905	1,357	1,628
Industrial D2	105,994	116,594	129,300	142,330
Industrial D3	107,728	118,501	130,351	143,387
Special 1	500	750	975	1,463
Special 2	47,500	52,250	57,475	63,223
Special 3	53,125	58,438	64,281	70,709
Street Lighting S1	500	750	1,125	1,688



# Eko Disco – Energy Charge

Tariff Code	2012	2013	2014	2015
	<u>Energy Charge, N / kWh</u>			
Residential R1	4.00	4.00	4.00	4.00
Residential R2	12.87	12.87	12.87	12.87
Residential R3	23.71	23.71	23.71	23.71
Residential R4	23.71	23.71	23.71	23.71
Commercial C1	15.84	15.84	15.84	15.84
Commercial C2	22.04	22.04	22.04	22.04
Commercial C3	22.04	22.04	22.04	22.04
Industrial 1	17.78	17.78	17.78	17.55
Industrial D2	23.10	22.10	23.10	23.10
Industrial D3	23.10	23.10	23.10	23.10
Special 1	17.02	16.02	17.02	17.02
Special 2	17.02	17.02	17.02	17.02
Special 3	17.02	17.02	17.02	17.02
Street Lighting S1	13.07	13.07	13.07	13.07

# Ikeja Disco - Fixed Charge

Tariff Code	2012	2013	2014	2015
	<u>Fixed Charge, N / Month</u>			
Residential R1	-	-	-	-
Residential R2	500	750	895	1,067
Residential R3	17,513	26,269	31,332	37,371
Residential R4	109,449	164,174	195,818	233,561
Commercial C1	500	750	895	1,067
Commercial C2	15,876	23,814	28,404	33,879
Commercial C3	99,224	148,835	177,523	211,740
Industrial 1	500	1,000	1,193	1,423
Industrial D2	97,626	195,252	232,887	277,775
Industrial D3	99,224	198,447	236,697	282,320
Special 1	500	750	895	1,067
Special 2	35,938	43,125	51,437	61,352
Special 3	43,750	65,625	78,274	93,361
Street Lighting S1	500	650	775	925

# Ikeja Disco – Energy Charge

Tariff Code	2012	2013	2014	2015
	<u>Energy Charge, N / kWh</u>			
Residential R1	4.00	4.00	4.00	4.00
Residential R2	12.45	12.83	13.21	13.61
Residential R3	21.84	22.50	23.17	23.87
Residential R4	21.84	22.50	23.17	23.87
Commercial C1	16.56	17.06	17.57	18.10
Commercial C2	20.30	20.91	21.54	22.18
Commercial C3	20.30	20.91	21.54	22.18
Industrial 1	16.38	16.87	17.38	17.90
Industrial D2	21.28	21.92	22.58	23.25
Industrial D3	21.28	21.92	22.58	23.25
Special 1	15.68	16.15	16.63	17.13
Special 2	15.68	16.15	16.63	17.13
Special 3	15.68	16.15	16.63	17.13
Street Lighting S1	12.04	12.40	12.77	13.16

# P/Harcourt - Fixed Charge

Tariff Code	2012	2013	2014	2015
	<u>Fixed Charge, N / Month</u>			
Residential R1	-	-	-	-
Residential R2	500	700	1,050	1,575
Residential R3	25,018	35,025	52,538	78,807
Residential R4	117,267	164,174	246,261	369,391
Commercial C1	500	700	1050	1, 575
Commercial C2	22,680	31,752	47,628	71,442
Commercial C3	106,311	148,835	223,253	334,880
Industrial 1	700	980	1470	2,205
Industrial D2	104,600	146,439	219,659	329,488
Industrial D3	106,311	148,835	223,253	334,880
Special 1	700	980	1,470	2,205
Special 2	46,875	65,625	98,438	147,656
Special 3	62,500	87,500	131,250	196,875
Street Lighting S1	700	980	1,470	2,205

# P/Harcourt Disco – Energy Charge

Tariff Code	2012	2013	2014	2015
	<u>Energy Charge, N / kWh</u>			
Residential R1	4.00	4.00	4.00	4.00
Residential R2	12.82	13.21	13.60	14.01
Residential R3	23.40	24.10	24.83	25.57
Residential R4	23.40	24.10	24.83	25.57
Commercial C1	17.20	17.72	18.25	18.79
Commercial C2	21.75	22.40	23.07	23.77
Commercial C3	21.75	22.40	23.07	23.77
Industrial 1	23.40	24.10	24.83	25.57
Industrial D2	22.80	23.48	24.19	24.91
Industrial D3	22.80	23.48	24.19	24.91
Special 1	16.80	17.30	17.82	18.36
Special 2	16.80	17.30	17.82	18.36
Special 3	22.40	23.07	23.76	24.48
Street Lighting S1	17.20	17.72	18.25	18.79

# Yola Disco -Fixed Charge

Tariff Code	2012	2013	2014	2015
	<u>Fixed Charge, N / Month</u>			
Residential R1	-	-	-	-
Residential R2	500	750	1,250	1,960
Residential R3	16,137	24,205	40,355	63,244
Residential R4	100,850	152,274	252,206	395,259
Commercial C1	500	750	1,250	1,960
Commercial C2	14,629	21,943	36,583	57,334
Commercial C3	91,427	137,141	228,643	358,331
Industrial 1	500	750	1,250	1,960
Industrial D2	89,956	134,933	224,962	352,562
Industrial D3	91,427	137,141	228,643	358,331
Special 1	500	750	1,250	1,960
Special 2	34,375	44,688	74,503	116,762
Special 3	40,313	60,469	100,814	157,996
Street Lighting S1	500	750	1,250	1,960

# Yola Disco – Energy Charge

Tariff Code	2012	2013	2014	2015
	<u>Energy Charge, N / kWh</u>			
Residential R1	4.00	4.00	4.00	4.00
Residential R2	11.32	12.17	12.78	13.42
Residential R3	20.28	21.63	22.71	23.85
Residential R4	20.28	21.63	22.71	23.85
Commercial C1	15.84	17.03	17.88	18.77
Commercial C2	18.71	20.11	21.11	22.17
Commercial C3	18.71	20.11	21.11	22.17
Industrial 1	15.09	16.22	17.04	17.89
Industrial D2	19.61	21.08	22.13	23.24
Industrial D3	19.61	21.08	22.13	23.24
Special 1	14.45	15.53	16.31	17.12
Special 2	14.45	15.53	16.31	17.12
Special 3	14.45	15.53	16.31	17.12
Street Lighting S1	11.09	11.93	12.52	13.15



# THANK YOU

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