

Republic of the Philippines
ENERGY REGULATORY COMMISSION
 San Miguel Avenue, Pasig City

IN THE MATTER OF THE
 APPLICATION FOR AUTHORITY
 TO IMPLEMENT THE PROPOSED
 CAPITAL EXPENDITURE
 PROGRAM FOR REGULATORY
 YEAR (RY) 2018, WITH PRAYER
 FOR PROVISIONAL AUTHORITY,

RECEIVED
 SECRETARIAT
 PASIG CITY COUNCIL

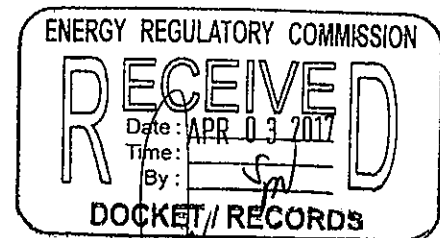
BY: Renjo Jose
 DATE: 3-31-17 TIME: 12:16 pm

ERC CASE NO. 2017 - 027 RC

**MANILA ELECTRIC COMPANY
 (MERALCO),**

Applicant.

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APPLICATION

Applicant **MANILA ELECTRIC COMPANY (MERALCO)**, by counsel, respectfully states that:

1. Applicant MERALCO is a private corporation duly organized and existing under the laws of the Republic of the Philippines, with principal office located at Lopez Building, Ortigas Avenue, Pasig City. It may be served with notices and other processes of this Honorable Commission through its undersigned counsel at the address indicated herein.

2. Pursuant to Republic Act No. 9209, MERALCO has a legislative franchise to construct, operate and maintain an electric power distribution system for the conveyance of electric power to the end-users in the cities and municipalities of Metro Manila, Bulacan, Cavite and Rizal, and certain cities/municipalities/barangays in Batangas, Laguna, Quezon and Pampanga.

3. MERALCO is part of the First Entry Group of distribution utilities that entered Performance Based Regulation ("PBR"). In its Final Determination dated 6 June 2011 in ERC Case No. 2010-069 RC, the Honorable Commission set out its final position on the price control arrangements that would apply to MERALCO for the Third Regulatory Period ("3RP") covering the period from 1 July 2011 to 30 June 2015, including its approval of MERALCO's proposed Capital Expenditure ("CAPEX") Program, for the said period. MERALCO's 3RP ended on 30 June 2015.

4. The Fourth Regulatory Period ("4RP") for the First Entry Group commenced on 1 July 2015 and will end on 30 June 2019. Absent any regulatory reset, on 9 February 2015, MERALCO filed an application for the approval of its CAPEX program for Regulatory Year ("RY") 2016. The application was docketed as ERC Case No. 2015-016 RC and approved by the Honorable Commission in its Decision dated 12 April 2016.

5. On 8 March 2016, MERALCO filed its application for the approval of its CAPEX program for RY 2017. The said application was docketed as ERC Case No. 2016-017 RC and is awaiting the final approval of the Honorable Commission.

6. MERALCO is filing the instant application for the approval of its CAPEX project for RY 2018 covering the period 1 July 2017 to 30 June 2018. This application is being filed pursuant to Section 20(b) of Commonwealth Act No. 146, as amended, otherwise known as the Public Service Act, which requires any public service to seek the prior approval of this Honorable Commission before it can establish, construct, maintain, and operate new facilities or make any extension of its existing facilities. MERALCO's RY 2018 CAPEX application ensures the reliable operation of its distribution network and continuous distribution service and connection to meet the growing and future needs of its more than six (6) million customers.

A. BACKGROUND OF MERALCO'S RY 2018 CAPEX PROGRAM

7. MERALCO's RY 2018 CAPEX Program considers the projects it filed during the 3RP and RYs 2016 and 2017. It is geared towards providing reliable service to its customers. Apart therefrom, MERALCO has lined up projects that would ensure the safety, reliability, and efficiency of the distribution system, while providing for the forecasted load growth within its franchise area. MERALCO's RY 2018 CAPEX Program is mainly driven by the following factors:

a. Adequate Infrastructure to Meet Growth in Peak Demand and Customer Connections

The distribution infrastructure must be sufficient to serve MERALCO's current customers while provisioning to meet future needs. MERALCO forecasts a 3.9% growth in peak demand and a 3.7% growth in MERALCO's customer base for RY 2018. This increase in peak demand and customer count will require MERALCO to increase the capacity of the electric distribution system in order to accommodate customer connections while maintaining the reliability and power quality of its distribution system.

b. Renewal/Refurbishment Projects to Ensure Sustained Network Efficiency, Reliability and Power Quality

Capital expenditure is required to maintain existing assets, improve network performance, and enhance customer service performance in the current regulatory period.

c. Automation/Innovation/Technology

Automation/technology projects will further allow MERALCO to enhance its distribution network, allowing it to respond more effectively to line and network outages, thereby reducing service interruptions of customers. CAPEX Projects are likewise filed in consideration of, and in compliance with, the Rules to Govern the Implementation of an Advanced Metering Infrastructure System by Distribution Utilities and ERC-Authorized Entities (“AMI Rules”).

d. Compliance to statutory and regulatory requirements

Several RY 2018 CAPEX projects are likewise proposed in order to comply with various laws, rules and regulations, including, among other things, compliance with: (a) Distribution Services Open Access Rules (DSOAR) on MERALCO’s provision of the extension of lines and facilities for socialized housing initiatives of both public and private developers, (b) Wholesale Electricity Spot Market metering requirements for contestable customers; and (c) AMI Rules.

e. Support for Government PPP Initiatives

The National Government has identified the implementation of Public-Private Partnership (PPP) programs and projects as a cornerstone strategy of the national development plan to accelerate the infrastructure development of the country and to sustain economic growth. MERALCO would thus need to relocate existing facilities so as not to hamper the construction and development of these critical PPP projects.

A detailed discussion on MERALCO’s considerations and justifications in forecasting its RY2018 CAPEX Program is attached hereto as **Annex “A”** and made an integral part hereof.

B. LIST OF CAPEX PROJECTS

8. Taking into consideration the factors above, MERALCO hereby proposes the following major projects for RY 2018:

PROJECT CODE	PROJECT NAME	TOTAL	ANNEX
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MER-1	Expansion of Balibago 115 kV-34.5 kV Substation	183,000,170	"B-1"
MER-2	Expansion of Santolan 115 kV-34.5 kV Substation (2nd bank)	181,979,477	"B-2"
MER-3	Development of Eton Centris 115 kV-34.5 kV GIS Substation	461,625,636	"B-3"
MER-4	Development of Bridgetowne 115 kV-34.5 kV GIS Substation	552,310,241	"B-4"
MER-5	Development of Carmona 115 kV-34.5 kV Substation	518,739,519	"B-5"
MER-6	Development of McKinley Hills 115 kV-34.5 kV GIS Substation	440,064,667	"B-6"
MER-7	Construction of New CND-Baliuag 69 kV Line	159,716,398	"B-7"
MER-8	Installation of Balintawak 5th 300 MVA Power Transformer	196,805,463	"B-8"
MER-9	Upgrading of 115 kV Power Circuit Breakers at Dolores Substation	53,390,494	"B-9"
MER-10	Upgrading of 115 kV Power Circuit Breakers at Paco Substation	89,224,759	"B-10"
MER-11	Replacement of Power Transformer No. 6 (133 MVA, 110 kV-34.5 kV) at North Port Substation	76,601,744	"B-11"
MER-12	Relocation of MERALCO's electrical facilities affected by the construction of the National Government's Public-Private Partnership (PPP) Projects	385,966,043	"B-12"
MER-13	Enterprise Geographic Information System (Enterprise GIS) – Year 2	199,829,641	"B-13"
MER-14	Enterprise Data Management - Data Quality Management	87,418,858	"B-14"
MER-15	Expansion of the Advanced Metering Infrastructure	2,432,051,985	"B-15"
MER-16	Meter Conversion Program for Retail Competition and Open Access (RCOA)	71,325,888	"B-16"
MER-17	Expansion of Paranaque Sector with Purchase of Adjacent Lot Ph1	289,050,000	"B-17"
MER-18	Purchase of Spare 150MVA 230kV-69kV-13.8kV Power Transformer with OLTC	133,770,928	"B-18"

Copies of the detailed project justifications of the major projects under MERALCO's RY2018 CAPEX Program are attached herewith as **Annexes "B and Series"** and made integral parts hereof.

9. On the other hand, MERALCO's residual projects, broken down by asset categories, are as follows:

PROJECT CODE	ASSET CATEGORY	TOTAL	ANNEX
RES - 1B.1	Structures and Improvements (Distribution Purposes)	46,938,463	"C-1"
RES - 1B.2	Structures and Improvements (Distribution Purposes)	38,277,070	"C-2"
RES - 1C.1	Structures and Improvements (Distribution Purposes)	41,310,004	"C-3"
RES - 1C.2	Structures and Improvements (Distribution Purposes)	14,900,000	"C-4"
RES - 2B	Power transformers	21,713,727	"C-5"
RES - 3A	Switchgear	5,580,405	"C-6"
RES - 3B	Switchgear	175,397,519	"C-7"
RES - 3C	Switchgear	30,412,000	"C-8"
RES - 4A	Protective equipment	9,698,414	"C-9"
RES - 4B	Protective equipment	158,060,080	"C-10"
RES - 5B	Metering & control equipment	73,326,322	"C-11"
RES - 6A	Communications equipment	92,017,993	"C-12"
RES - 6B	Communications equipment	54,050,000	"C-13"
RES - 7A	Other station equipment	23,925,706	"C-14"
RES - 7B	Other station equipment	61,389,263	"C-15"
RES - 8A.1	Poles, Towers and Fixtures - Distribution	274,420,296	"C-16"
RES - 8A.2	Poles, Towers and Fixtures - Distribution	1,071,848,001	"C-17"
RES - 8B	Poles, Towers and Fixtures - Distribution	847,772,702	"C-18"
RES - 9A.1	Overhead Conductors and Devices - Distribution	135,212,116	"C-19"
RES - 9A.2	Overhead Conductors and Devices - Distribution	341,535,241	"C-20"

RES - 9B	Overhead Conductors and Devices - Distribution	777,254,161	"C-21"
RES - 10B	Underground Conduits - Distribution	43,187,425	"C-22"
RES - 11A	Underground Conductors and Devices - Distribution	198,553,198	"C-23"
RES - 11B	Underground Conductors and Devices - Distribution	29,205,146	"C-24"
RES - 12A.1	Distribution Transformers	80,256,456	"C-25"
RES - 12A.2	Distribution Transformers	1,700,179,558	"C-26"
RES - 12B	Distribution Transformers	276,123,207	"C-27"
RES - 13B	Power Conditioning Equipment	180,557,009	"C-28"
RES - 14B	Meters, Metering Instruments & Metering Transformers - Distribution	13,270,752	"C-29"
RES - 15A.1	Information technology equipment (distribution)	4,987,125	"C-30"
RES - 15A.2	Information technology equipment (distribution)	85,403,436	"C-31"
RES - 15A.3	Information technology equipment (distribution)	186,829,585	"C-32"
RES - 15B.1	Information technology equipment (distribution)	38,592,675	"C-33"
RES - 15B.2	Information technology equipment (distribution)	27,065,444	"C-34"
RES - 16A	Street Lights and Signal Systems	65,299,276	"C-35"
RES - 16B	Street Lights and Signal Systems	206,369,393	"C-36"
RES - 17A	Structures and Improvements (non-network)	96,000,000	"C-37"
RES - 17B	Structures and Improvements (non-network)	243,616,400	"C-38"
RES - 17C	Structures and Improvements (non-network)	191,095,875	"C-39"
RES - 18A	Office Furniture and Equipment	683,000	"C-40"
RES - 18B	Office Furniture and Equipment	14,452,720	"C-41"
RES - 19B	Transportation Equipment	423,510,000	"C-42"
RES - 19C	Transportation Equipment	3,200,000	"C-43"
RES - 20A	Tools, Shop and Garage Equipment	56,504,859	"C-44"
RES - 20B	Tools, Shop and Garage Equipment	67,786,752	"C-45"
RES - 21A	Laboratory Equipment	84,971,230	"C-46"
RES - 21B	Laboratory Equipment	33,036,400	"C-47"
RES - 22A	Information Systems Equipment (non-network)	646,204,770	"C-48"
RES - 22B	Information Systems Equipment (non-network)	178,990,727	"C-49"
RES - 22C	Information Systems Equipment (non-network)	5,965,078	"C-50"
RES - 23A	Communication Plant and Equipment	26,080,547	"C-51"
RES - 23C	Communication Plant and Equipment	39,000,000	"C-52"
RES - 24A	Miscellaneous Equipment	50,307,752	"C-53"
RES - 24B.1	Miscellaneous Equipment	4,460,000	"C-54"
RES - 24B.2	Miscellaneous Equipment	13,824,445	"C-55"
RES - 25C	Materials and Supplies	17,240,052	"C-56"
RES - 26A	Overhead Conductors and Devices (Customer)	488,373,709	"C-57"
RES - 27A	Underground Conductors and Devices (Customer)	82,772,116	"C-58"
RES - 28A	Information Systems Equipment (non-network)	1,350,000	"C-59"
RES - 28B	Information Systems Equipment (non-network)	11,461,634	"C-60"
RES - 28C	Information Systems Equipment (non-network)	662,786	"C-61"
RES - 29A	Meters, Instruments & Metering Transformers (Consumer Consumption Metering)	750,636,832	"C-62"
RES - 29B	Meters, Instruments & Metering Transformers (Consumer Consumption Metering)	587,145,136	"C-63"
RES - 30A	Structures and Improvements (non-network)	56,660,000	"C-64"
RES - 30B	Structures and Improvements (non-network)	1,700,000	"C-65"
RES - 30C	Structures and Improvements (non-network)	20,070,000	"C-66"
RES - 31A	Office Furniture and Equipment	148,000	"C-67"
RES - 31B	Office Furniture and Equipment	9,213,672	"C-68"
RES - 32A	Transportation Equipment	10,500,000	"C-69"
RES - 32B	Transportation Equipment	11,640,000	"C-70"
RES - 33A.1	Laboratory Equipment	3,200,000	"C-71"
RES - 33A.2	Laboratory Equipment	2,521,500	"C-72"
RES - 33B.1	Laboratory Equipment	12,000,000	"C-73"
RES - 33B.2	Laboratory Equipment	762,100	"C-74"
RES - 34A	Information Systems Equipment	399,916,233	"C-75"

RES - 34B	Information Systems Equipment	154,469,208	"C-76"
RES - 34C	Information Systems Equipment	6,700,604	"C-77"
RES - 35A	Communication Plant and Equipment	8,771,500	"C-78"
RES - 35B	Communication Plant and Equipment	13,105,000	"C-79"
RES - 36A	Miscellaneous Equipment	8,804,149	"C-80"
RES - 36B.1	Miscellaneous Equipment	1,600,000	"C-81"
RES - 36B.2	Miscellaneous Equipment	18,655,913	"C-82"

Copies of the project justifications of the residual projects under MERALCO's RY2018 CAPEX Program are attached herewith as **Annexes "C and Series"** and made integral parts hereof.

10. In light of the resulting benefits of MERALCO's RY 2018 CAPEX Program in the overall service to the electricity consumers, MERALCO respectfully submits that the building block components, particularly the return of capital and return on capital associated therewith, should be considered as a deferred amount to be included in the calculation of MERALCO's next reset rates, from the time the CAPEX is put in service and considered used and useful.

11. The filing of the instant Application is without prejudice to the subsequent filing by MERALCO of any unforecasted or emergency CAPEX as the need therefor arises.

C. URGENT NEED FOR ISSUANCE OF A PROVISIONAL AUTHORITY

12. Section 23 of the EPIRA provides that distribution utilities have an obligation to provide services and connections to its customers consistent with the distribution code.¹ It is emphasized that MERALCO will have no approved CAPEX projects starting 1 July 2017 and this will severely hamper its operations and affect its ability to deliver electricity service to its customers. It is imperative for MERALCO to undertake expansion and rehabilitation of its network facilities through acquisition of new assets in order to ensure continuous compliance with safety, performance and other statutory/regulatory requirements, and to address the growing needs of its more than six (6) million customers.

13. Thus, pending final approval, there is an urgent need for a provisional authority for MERALCO to immediately implement its proposed RY 2018 CAPEX Program. In support of the prayer for the grant of a provisional authority, attached as **Annex "D"** is the Judicial Affidavit of Engr. Froilan J. Savet, Head of MERALCO's Network Planning and Project Management Office.

¹ Republic Act. No. 9136, Section 23; EPIRA Implementing Rules and Regulations, Rule 7, Section 4.

PRAYER

WHEREFORE, it is most respectfully prayed to this Honorable Commission that the instant application for Authority to implement MERALCO's proposed Capital Expenditure (CAPEX) Program for Regulatory Year (RY) 2018 be **APPROVED** and that the building block components associated with the CAPEX Program from the time the CAPEX is put in service and considered used and useful be considered as a deferred amount to be included in the calculation of MERALCO's next reset rates.

Pending hearing, it is likewise prayed that a provisional authority be immediately issued authorizing Applicant MERALCO to implement its RY 2018 CAPEX Program.

Applicant MERALCO prays for such other relief as are deemed just and equitable under the premises.

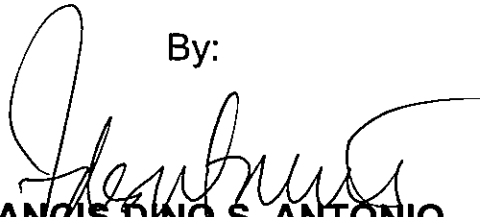
Pasig City, 30 March 2017.

MANILA ELECTRIC COMPANY

Applicant

MERALCO Compound
Ortigas Avenue, Pasig City

By:



FRANCIS DINO S. ANTONIO

Roll of Attorneys No. 48145

PTR No. 2684871; 01/27/17; Pasig City

IBP No. 1061089; 01/10/17; RSM

MCLE Compliance No. V-0004608; 6 November 2014



HAZEL ROSE B. SEE

Roll of Attorneys No. 48265

PTR No. 2684876; 01/27/17; Pasig City

IBP LRN No. 06460; 1/16/07; QC

MCLE Compliance No. VI-0000253; 11 July 2016



MONICA M. MARTIN

Roll of Attorneys No. 55693
PTR No. 2684873; 01/27/17; Pasig City
IBP No. 1061092; 01/10/17; RSM
MCLE Compliance No. VI-0000239; 11 July 2016



ADRIAN REX C. DIMALANTA

Roll of Attorneys No. 61149
PTR No. 2684874; 01/27/17; Pasig City
IBP No. 1061094; 01/10/17; PPLM
MCLE Compliance No. VI-0000233; 11 July 2016

7th Floor, Lopez Building, Ortigas Avenue
Brgy. Ugong, Pasig City
Telephone Number 1622-2260; Fax No. 1622-3550

REPUBLIC OF THE PHILIPPINES)
CITY OF PASIG)) S.S.

**VERIFICATION and
CERTIFICATION ON NON-FORUM SHOPPING**

I, **JOSE RONALD V. VALLES**, Filipino, of legal age and with office address at 7th Floor, Lopez Building, MERALCO Center, Ortigas Avenue, Pasig City, after being sworn to in accordance with law, hereby depose and say, THAT-

1. I am the Vice President and Head, Regulatory Affairs Office of Manila Electric Company (MERALCO);


2. I caused the preparation of this Application and I have read and understood the allegations contained therein; and that all the facts stated therein are true and correct based on authentic records made available to me in the ordinary course of business of MERALCO;

3. I am duly authorized by the Board of Directors to certify that MERALCO has not heretofore commenced any other action or proceeding involving the same issues in the Supreme Court, the Court of Appeals, or any other tribunal or agency. A copy of the Secretary's Certificate authorizing me to cause the preparation of the instant Application and to sign this verification and certification is attached as ANNEX "E" and made an integral part hereof;

4. To the best of my knowledge, no such action or proceeding is pending in the Supreme Court, the Court of Appeals, or any other tribunal or agency;


5. If I should hereafter learn that a similar action or proceeding has been filed or is pending before the Supreme Court, the Court of Appeals, or any other tribunal or agency, I undertake to report such fact within five (5) days therefrom to this Honorable Commission.

IN WITNESS WHEREOF, I have hereunto affixed my signature this ^{MAR 30 2017} ___th day of March 2017 at Pasig City, Philippines.


JOSE RONALD V. VALLES
Affiant

SUBSCRIBED and SWORN to before me this ^{MAR 30 2017} ___ day of March 2017, at Pasig City, Philippines, affiant having exhibited to me his Social Security System ID bearing the number 33-10900088.

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Page No. 12
Book No. I
Series of 2017.


ATTY. GARRIN CALABIO
Notary Public
Pasig, San Juan and Pateros
Issued on March 6, 2017 at Pasig City
Appointment No. 109 (2017-2018)
Roll No. 57925 / IBP No. 1062724; 1-9-2017 RSM Chapter
PTR No. 2682549; 01-25-2017 Pasig City
MCLE No. VI-0000227; 7-11-2016
8th Floor Lopez Bldg. Ortigas Avenue, Pasig City