

# PREPARATION AND PROMULGATION OF ELECTRICITY SECTOR CODES

## Introduction To Book of Codes

Work Shop 2

WEDNESDAY JULY 20, 2016

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# 1. BACKGROUND

**OUR must promulgate 5 Grid Codes by Aug 27, 2016**

**Ministry approval of Codes required (EA sec. 47)**

**Two-fold Mission:**

## **1. Capture Present Practices**

**Use existing Generation Code**

**Use draft Transmission and Distribution Codes**

**Develop Dispatch Code from G, T and D Codes**

**Develop Supply Code from existing documents**

## **2. Create Process to Support Evergreen Code**

**Grid Code Review Panel concept/periodic reviews**

## **2. DESIGN**

### **A single Book of Codes combining the 5 Codes**

**Developed in parallel**

**Provide comprehensive framework for development, maintenance, operation of the Jamaica Grid**

**All technical guidance re connection to, operation, use of the Grid and interconnected lines**

**Use International technical standards, prudent utility practices and needs of Jamaica Grid and its Users**

**Chapter designations: IC, GC, TD, DD, DSC, SC**

# 3. SOURCE DOCUMENTS

July 20, 2016

## LIST OF ALL RELEVANT DOCUMENTS CONTROLLING GRID CODE CONTENT

1. National Energy Policy (20% RE generation source for energy sector) and draft sub-sector policies
2. 2015 Electricity Act
3. OUR Act and 2015 Amendments
4. JPS 2016 All-Island License (NB Conditions 2 (3), 13, 14, 16, 17 (including the Guaranteed Standards and the Overall Standards), 24(5), 25)
5. OUR existing Generation Code
6. JPS draft Transmission Code
7. JPS draft Distribution Code
8. JPS Standard Terms and Conditions of Service (approved by OUR) updated July 2008 and on JPS website, with a carve-out provided under Condition 14(1) of the Licence for special contracts and revisions in accordance with the mechanism under Condition 13(10)(ii)
9. JPS Operating Policies and Procedures (confidential), (referenced in Grid Code)
10. JPS code of practice for local connection (connections within 100m of the Distribution Line)
11. JPS code of practice for complex connections (connections outside 100m of the Distribution Line), including design and build
12. JPS code of practice for temporary supply (i.e. construction, events etc.)
13. JPA Rate Schedule with classification of customers
14. JPS Engineering Bulletin TSD 007/3 Apr 2008
15. JPS Disconnection & Reconnection Policy Nov. 29, 2010
16. JPS Line Extension Policy Document Updated July 1, 2008
17. OUR Metering Protocol on Administrative and Testing Procedure
18. JPS Policy & Procedures – Customers with Special Needs Programme
19. JPS Customer Service Code of Practice March 2013
20. OUR Revised Determination notice – Standard Offer Contract for the purchase of As Available Intermittent Energy from Renewable Energy Facilities up 100 kW, May 01, 2012.
21. JPS Back Billing Policy

## 4. INTRODUCTION (1)

IC 1 - Introduction to Codes

IC 2 - Legal Authority for Codes

IC 3 - History of Jamaica Grid Codes

IC 4 - 8 Overview of Grid Code Regulation

Review of each Code; former G, T and D Preface

IC 9 - Code Definitions (Appendix A)

First Mission: Capture current practices

# 5. INTRODUCTION (2)

## IC 10 - Modifications to the Codes

Code Review Panel Working Group  
Triennial review required by EA  
Ongoing review of emergent issues

## IC 11 - Non-Compliance

Granting of Derogations

## IC 12 – Dispute Resolution

Grid Review Panel to consider Code revisions  
OUR final resort/final determination

## Second Mission: Evergreen Code

END