

# PREPARATION AND PROMULGATION OF ELECTRICITY SECTOR CODES

## Harmonization & Promulgation

Work Shop 1

THURSDAY, 2016 JUNE 16

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# 1. BACKGROUND

**Jamaica Electric Sector has gone through a number of transformative changes over the last 2-3 decades.**

**These changes include:**

- a. Change in Electric System Ownership Structure
- b. Integration of more renewable energy plants in system
- c. Fuel diversification - now becoming a reality
- d. Policy and legislative changes
- e. Private Power Generators integration
- f. Consumers have more supply choices

# BACKGROUND (cont.)

## Existing Codes:

- ✓ **Generation Code**
- **Transmission Code (Draft)**
- **Distribution Code (Draft)**

# BACKGROUND (cont.)

## Requirement for the Codes

### Electricity Act, 2015

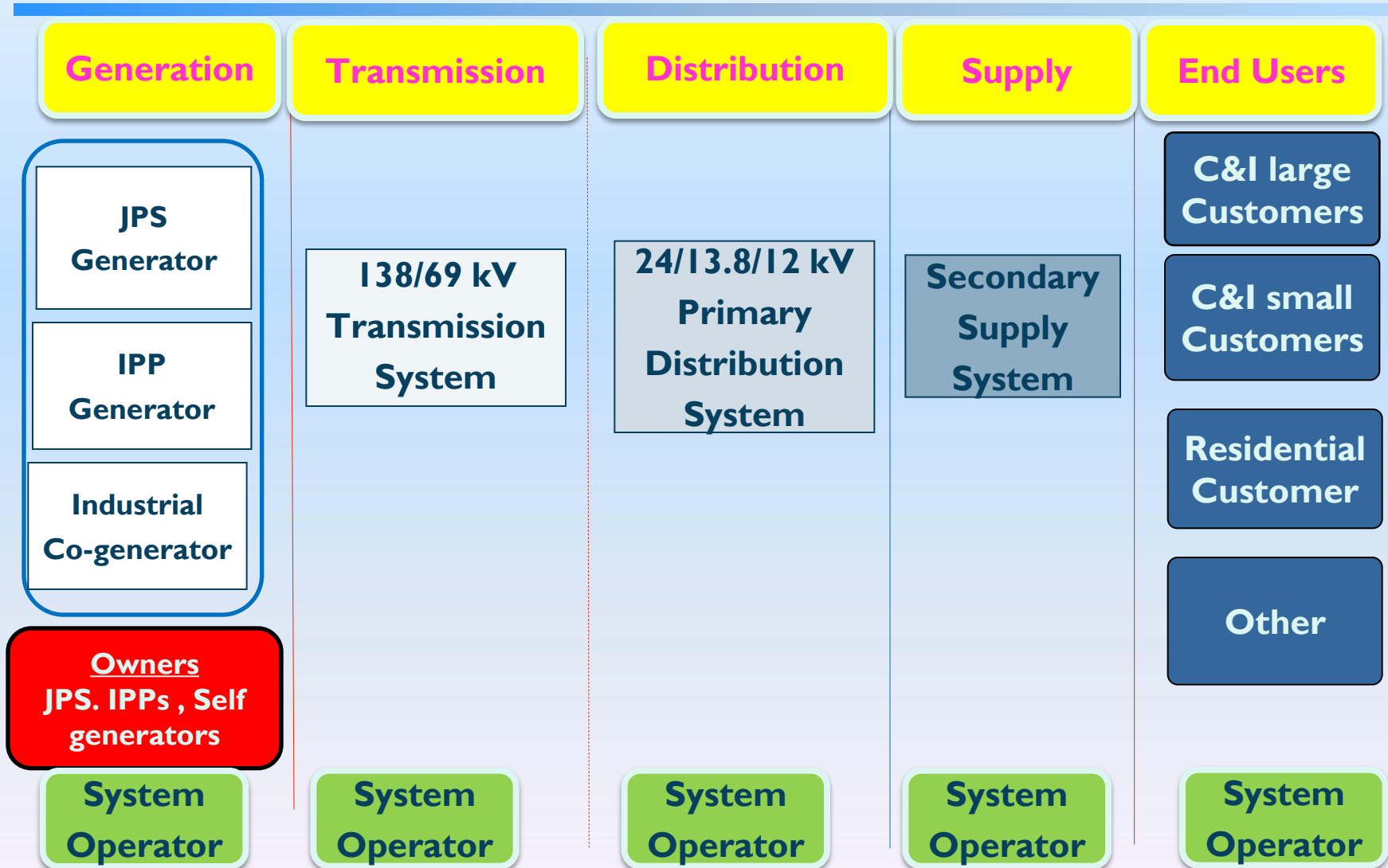
[ A ] To implement 5 Grid Codes.

Namely;

- a. Generation Code
- b. Transmission Code
- c. Distribution Code
- d. Despatch Code
- e. Supply Code

[ B ] Development task delegated to OUR by the Electricity Act, 2015, Part IX, Section 47, requires that OUR, with the approval of the Minister, prepare and promulgate the five Codes listed in the Electricity Act within twelve months after the 2015 August 27 date, to provide general direction to electricity sector licensees on matters covered by the Codes.

## 2. Jamaica's Electric System



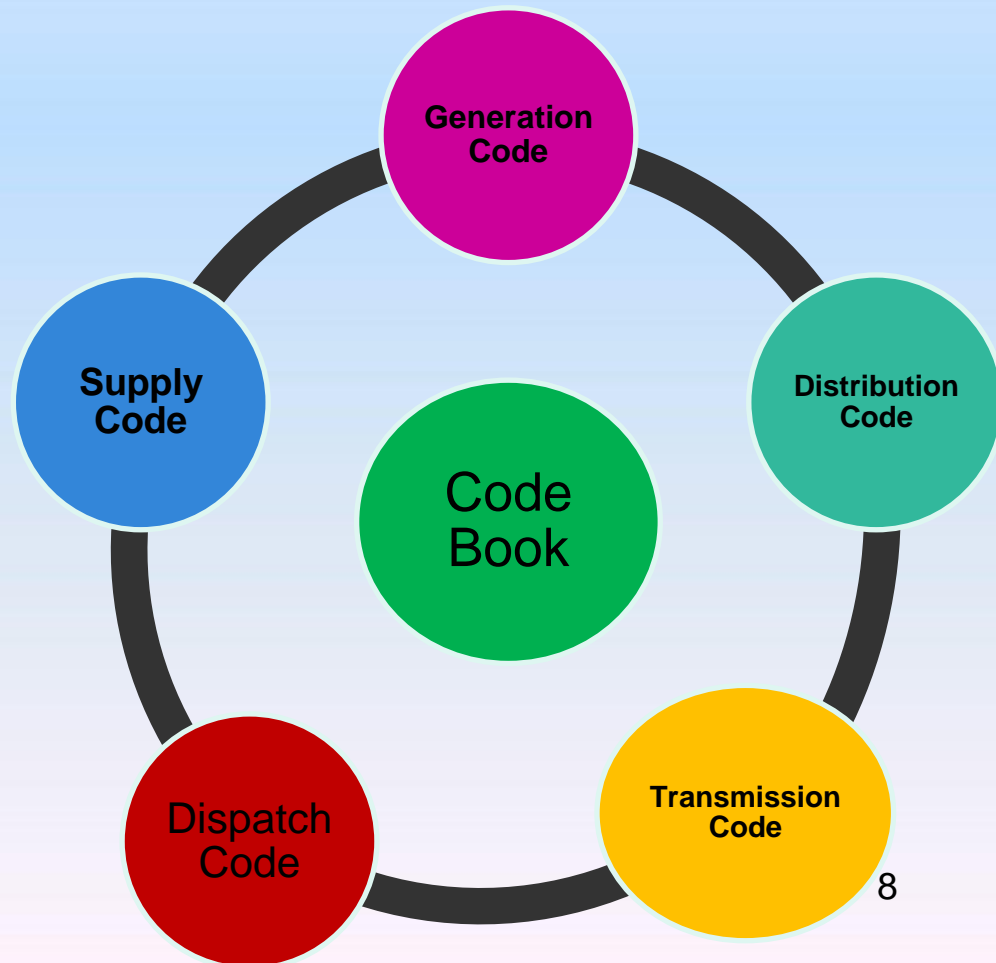
# 3. Electric Sector Policy, Legislation, Regulation & Institutions

	Instrument	Institution	
Policy	<ul style="list-style-type: none"> <li>National Energy Policy</li> <li>Long term Planning</li> </ul>	Ministry of Science Energy & Technology	
Legislation	Electric Act 2015	Government of Jamaica Cabinet	Ministry of Science, Energy & Technology
Regulation	OUR Act 1995	Office of Utilities Regulation	
Procurement	Cabinet Directive	Generation Procurement Entity	
<b>Operations</b> <ul style="list-style-type: none"> <li>Generation</li> <li>Transmission</li> <li>Distribution</li> <li>Supply</li> <li>Dispatch</li> </ul>	PPA, SOC Operations Codes, JPS Electric Licence, Generation Licence	Jamaica Public Service	JPPC JEP Wigton JAMALCO, Committed IPPs, Distributed gen

# Organization Electric Sector Code Book

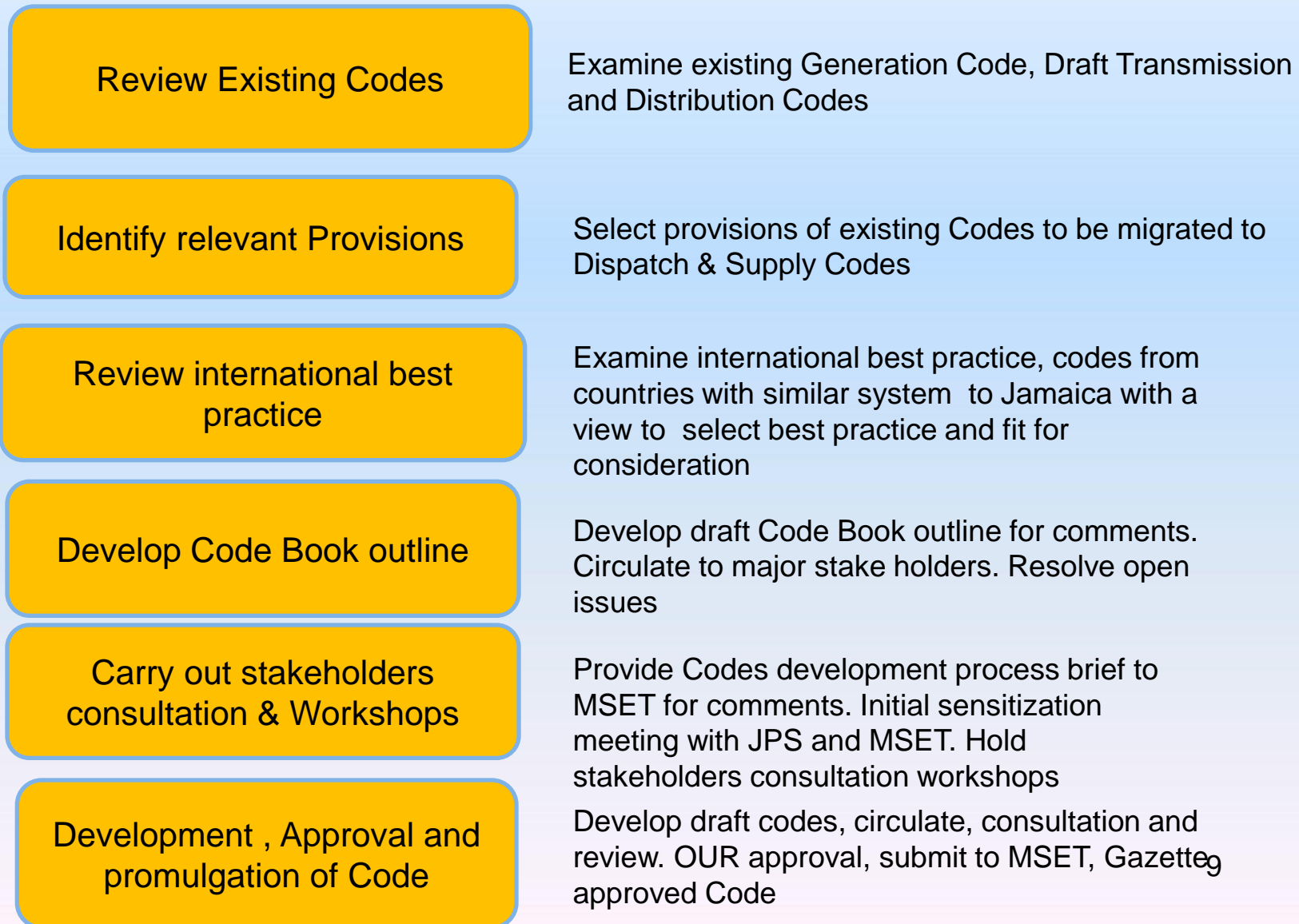
The 5 Grid Codes provide a comprehensive framework for the development, maintenance and operation of an efficient, safe, and reliable Jamaican electric power System.

Prohibits any undue discrimination among Users and categories of Users of the Power Grid

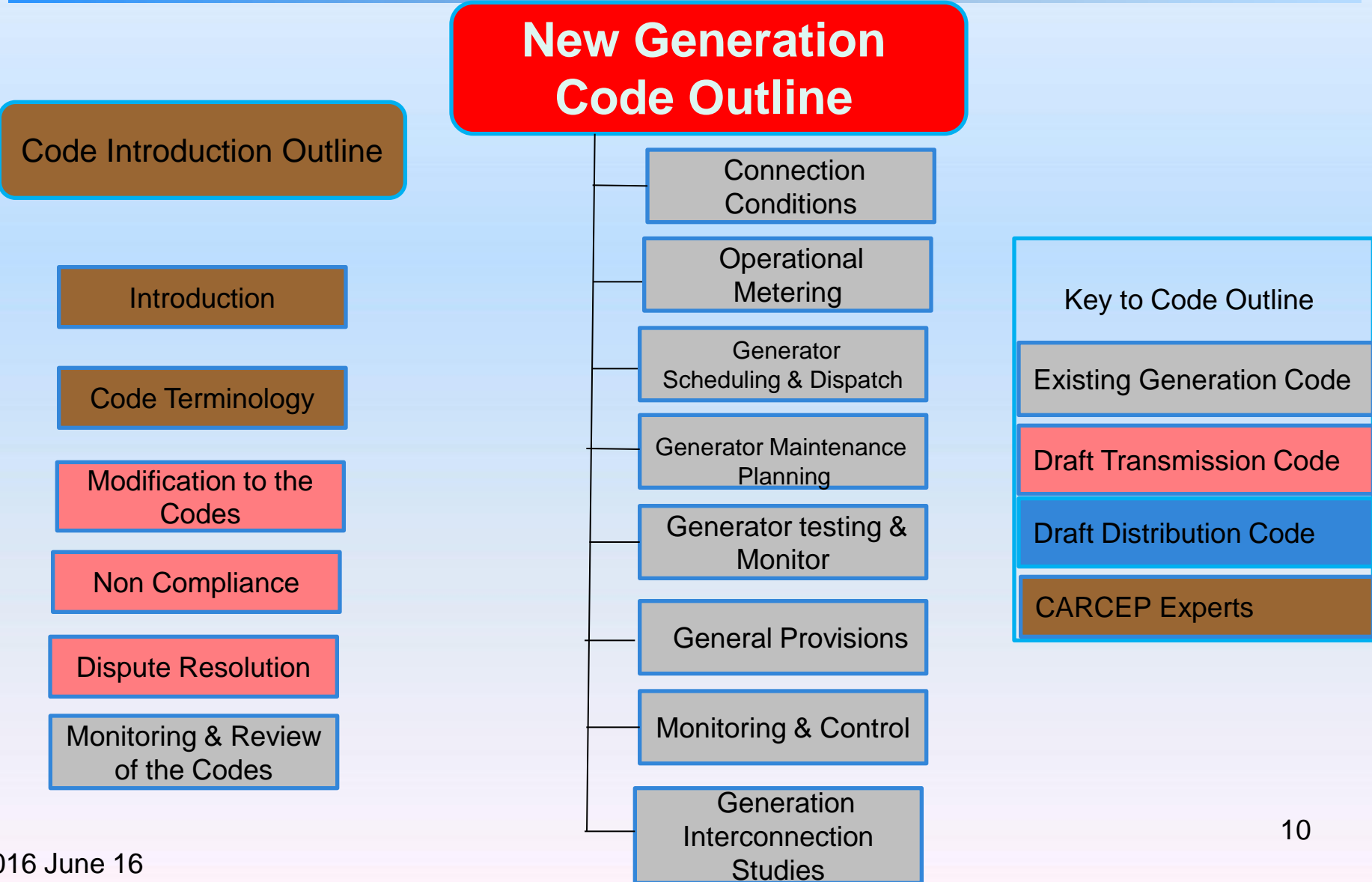




# 4. Approach to Code Development

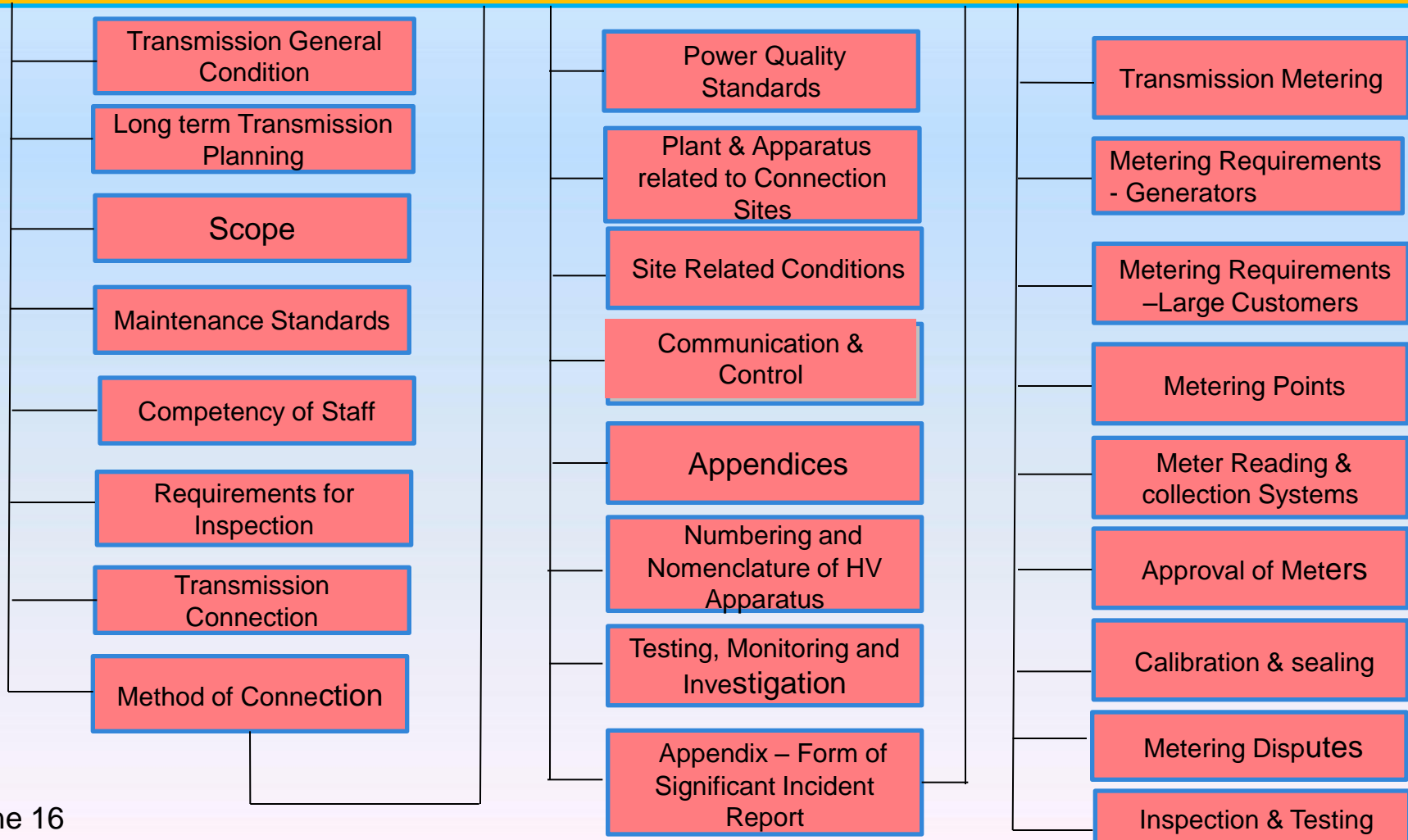


# 5. Electric Sector Codes Outline



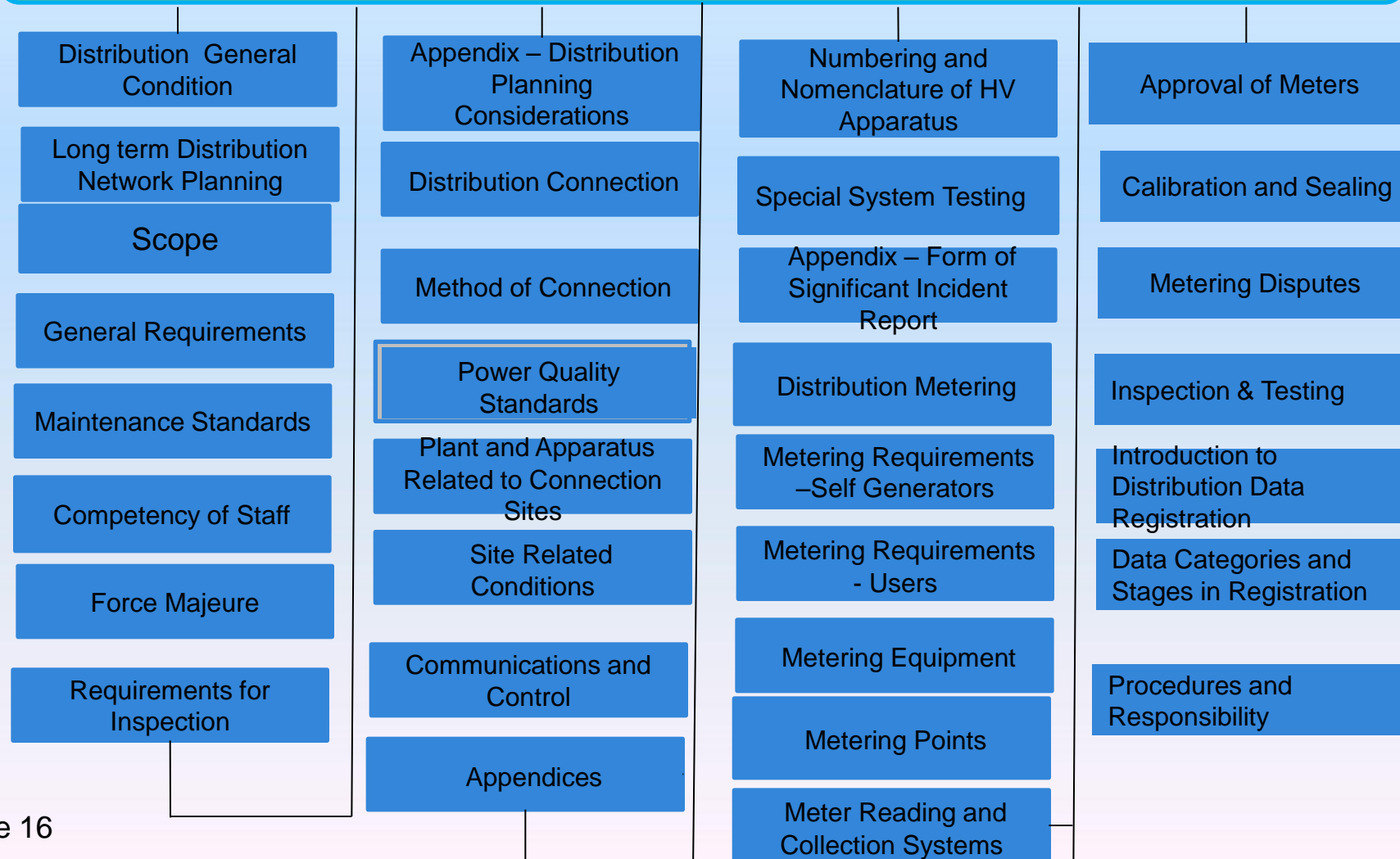
# Electric Sector Code Outline (cont.)

## New Transmission Code Outline



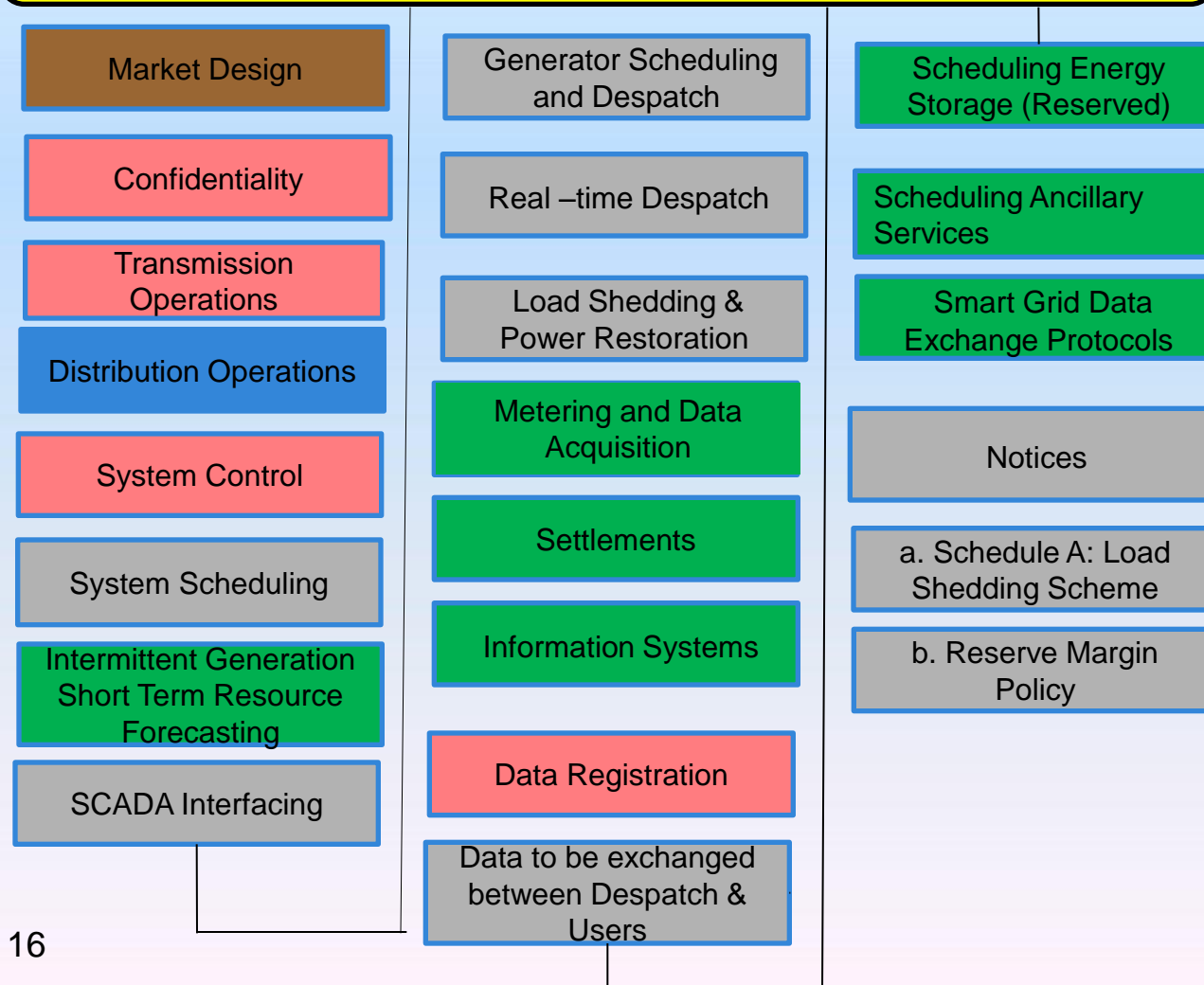
# Electric Sector Code Outline (cont.)

## New Distribution Code Outline



# Electric Sector Code Outline (cont.)

## Despatch Code Outline



# Electric Sector Code Outline (cont.)

## Supply Code Outline (High level Template)



## ***6. Key Issues, Work Schedule & Next Steps***

- Integration of the Ministry draft rule on Net Billing, Electricity Power Wheeling, and Ancilliary Connections
- System Operator Ring-fence provisions

## ***6. Key Issues, Work Schedule & Next Steps***

- Reflect the Integrated Resource Planning process being developed by the Ministry.



## 6. *Key Issues, Work Schedule & Next Steps*

- Describe the process for modifying and updates of the Codes (Grid Code Committee)
- What is Appropriate Time Period for Rule Transition Provision?

## *6. Key Issues, Work Schedule & Next Steps*

- Draft Codes to be circulated to stakeholders by  
2016 June 30
- **Workshop 2 – Tentatively early 2016 July**
- Comments to be returned 2016 July 15

THANK YOU....

See you at Workshop 2!

The END