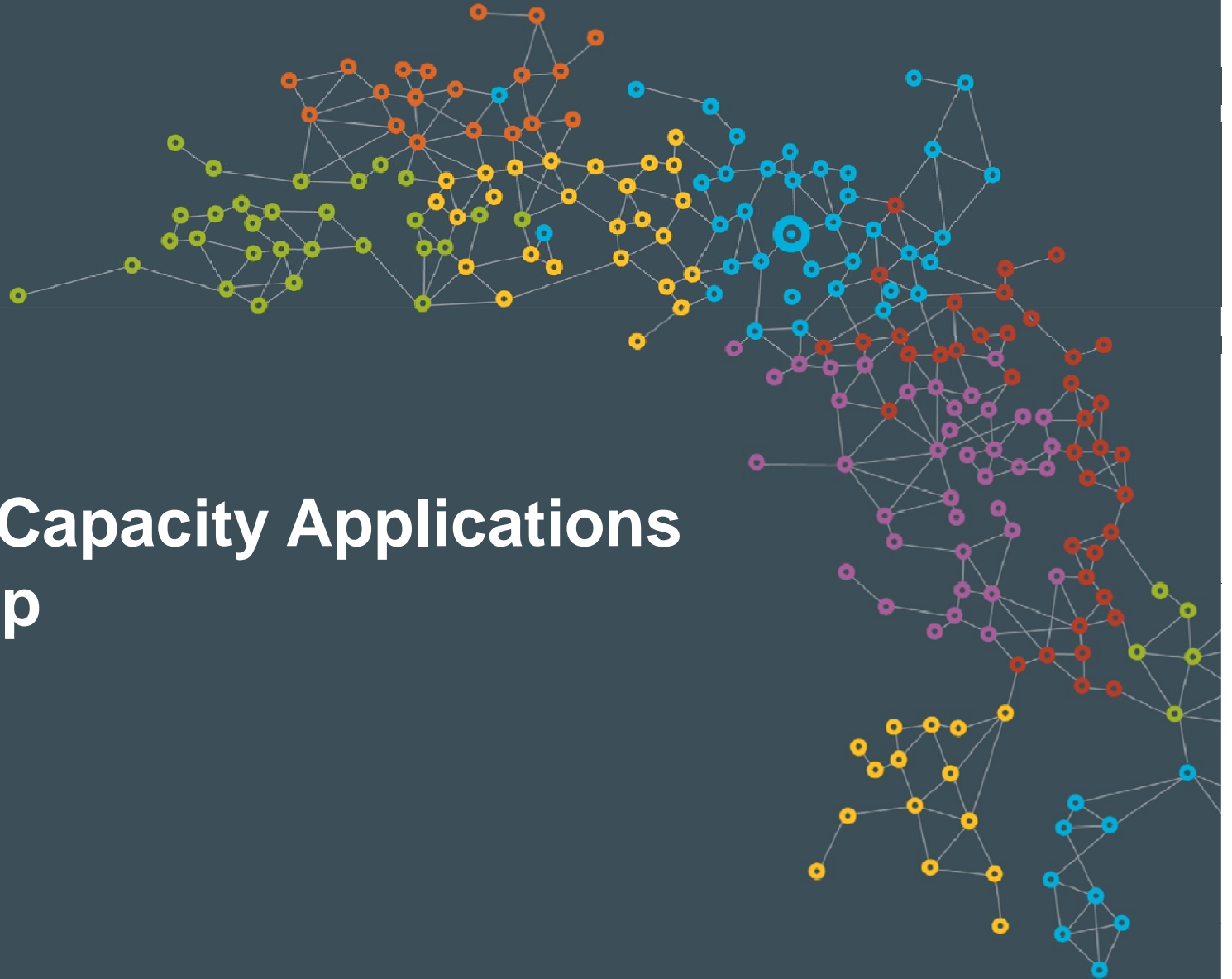




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Reserve Capacity Applications Workshop

2 May 2013

Certification of Reserve Capacity

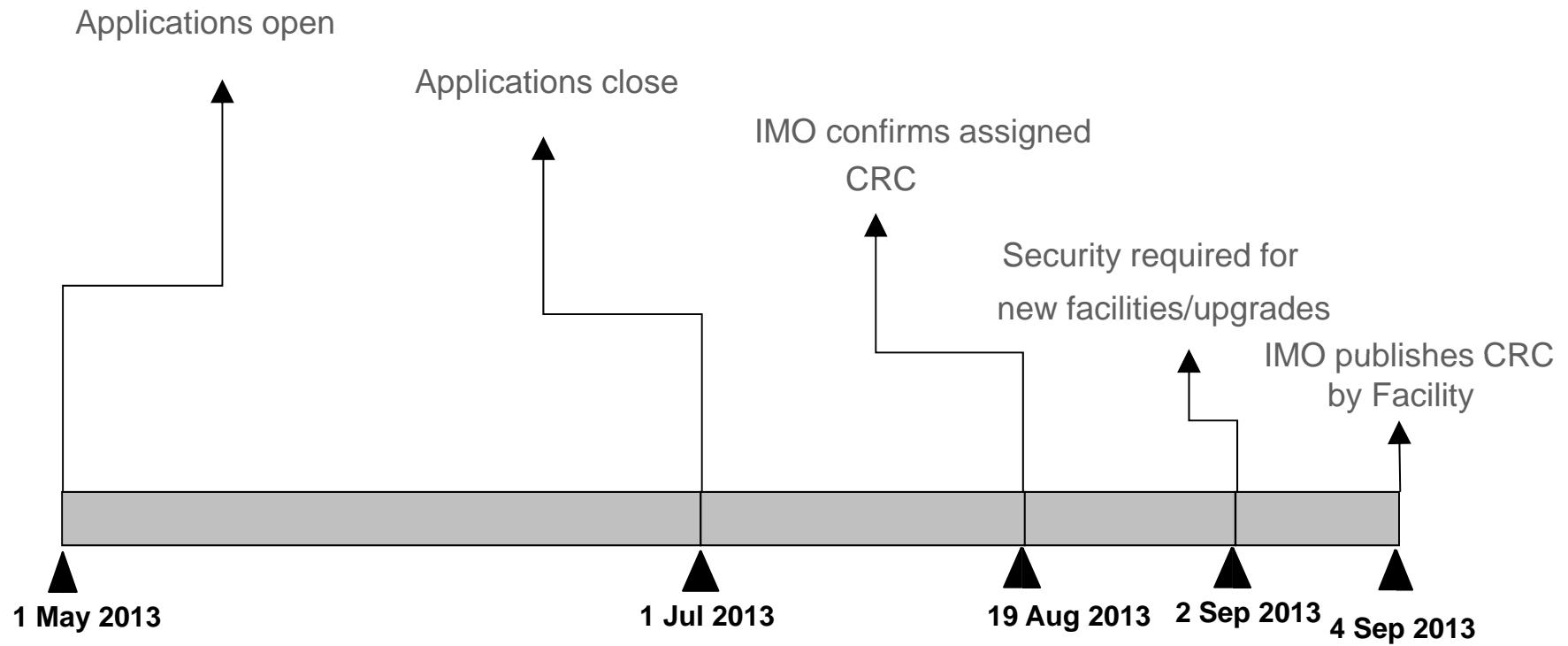
Defines:

- conditions for certification for existing, new and upgraded facilities on a yearly basis (MR's 4.10 & 4.11)

Mechanism for:

- new Certified Reserve capacity to enter Market and existing capacity to obtain continued certification
- Market Participants to underwrite new projects through guaranteed revenue stream

2013 Cycle for the 2015/16 Capacity Year Timeline



2013 Cycle for the 2015/16 Capacity Year – Key Dates

- 1 May 2013
 - applications open
- 1 July 2013
 - applications close
- 19 August 2013
 - IMO notifies Participants of assigned CRC
- 2 September 2013
 - security required for New Facilities/Upgrades
 - declaration of CRC traded bilaterally vs. offer into Auction
- 3 September 2013
 - IMO confirms bilaterally tradeable capacity with Market Participants
- 4 September 2013
 - IMO publishes CRC for each Facility

Information Requirements

Information requirement details:

- MR 4.10
- 'Information for Applications for Certification of Reserve Capacity' user-guide on IMO website <http://www.imowa.com.au/f179,2624863/Microsoft Word - Information for Applications for Certification of Reserve Capacity.pdf>
- summary excel spread-sheet shown below for submission to IMO in hard-copy or via email
- all documentation must be received before the close of the certification window

Rule Requirement	Rule Requirement	Market Rule 4.10.1	Market Participant Response
All Facilities	Identity of Facility	MR 4.10.1	
All Facilities	Reserve Capacity Cycle	MR 4.10.2	
All Facilities	Construction of Agreements	MR 4.10.3	
Facilities yet to enter service	Is the Facility in part of the Facility yet to enter service	MR 4.10.4 MR 4.10.5 MR 4.10.6 MR 4.10.7	
Facilities not to be constructed	Proposed Decommissioning Date	MR 4.10.8	
All Facilities	Description of the Main Components	MR 4.10.9	
Scheduled Generators	For a generation system other than an intermittent generator	MR 4.10.10 MR 4.10.11 MR 4.10.12 MR 4.10.13 MR 4.10.14 MR 4.10.15 MR 4.10.16 MR 4.10.17 MR 4.10.18 MR 4.10.19 MR 4.10.20 MR 4.10.21 MR 4.10.22 MR 4.10.23 MR 4.10.24 MR 4.10.25 MR 4.10.26 MR 4.10.27 MR 4.10.28 MR 4.10.29 MR 4.10.30 MR 4.10.31 MR 4.10.32 MR 4.10.33 MR 4.10.34 MR 4.10.35 MR 4.10.36 MR 4.10.37 MR 4.10.38 MR 4.10.39 MR 4.10.40 MR 4.10.41 MR 4.10.42 MR 4.10.43 MR 4.10.44 MR 4.10.45 MR 4.10.46 MR 4.10.47 MR 4.10.48 MR 4.10.49 MR 4.10.50 MR 4.10.51 MR 4.10.52 MR 4.10.53 MR 4.10.54 MR 4.10.55 MR 4.10.56 MR 4.10.57 MR 4.10.58 MR 4.10.59 MR 4.10.60 MR 4.10.61 MR 4.10.62 MR 4.10.63 MR 4.10.64 MR 4.10.65 MR 4.10.66 MR 4.10.67 MR 4.10.68 MR 4.10.69 MR 4.10.70 MR 4.10.71 MR 4.10.72 MR 4.10.73 MR 4.10.74 MR 4.10.75 MR 4.10.76 MR 4.10.77 MR 4.10.78 MR 4.10.79 MR 4.10.80 MR 4.10.81 MR 4.10.82 MR 4.10.83 MR 4.10.84 MR 4.10.85 MR 4.10.86 MR 4.10.87 MR 4.10.88 MR 4.10.89 MR 4.10.90 MR 4.10.91 MR 4.10.92 MR 4.10.93 MR 4.10.94 MR 4.10.95 MR 4.10.96 MR 4.10.97 MR 4.10.98 MR 4.10.99 MR 4.10.100	
No Inoperable Limits, Curtable Limits and Dispatchable Limits	Block 1	MR 4.10.101	
	Block 2	MR 4.10.102	
	Block 3	MR 4.10.103	
All Facilities		MR 4.10.104	
Appendix		MR 4.10.105	

CRC Applications – Information Requirements MR 4.10.1

All Facilities require:

- key project dates
- excel spread-sheet

All generators (Scheduled & Non-scheduled) require:

- evidence that Environmental Approvals have been granted or will likely be
- evidence of an Arrangement for Network Access

All scheduled generators require:

- evidence of Fuel Contracts

All intermittent generators require:

- Expert Report where less than 5 years old or for upgrades

DSP's require:

- hours and periods of availability

Online Submissions in WEMS/MPI

Pre-requisites for WEMS submission:

- Registered Market Participant Status
- WEMS access
- Facility name registration

WEMS submissions:

- All Facilities (existing/upgrades and new)
- User guide for submissions (CSV or XML) can be found on the IMO website:

http://www.imowa.com.au/f4768,1615280/File_Exchange_-_Specification_XML_and_CSV_v3.0.pdf

Contacts:

- Registration/WEMS access – 9254 4336 operations@imowa.com.au
- Certification – 9254 4339 system.capacity@imowa.com.au

File Exchange

Upload Type Certification

Upload Format XML CSV

Certification Mode Normal

Facility Type Sched Generator

Files

Sched Gen CSV

Search

From / To Date 23/04/2013 23/04/2013

Upload History

Date & Time	Participant	Up
23 Apr 2013 16:05	GLDFLDPW	Trc
23 Apr 2013 16:04	STHRNCRS	Trc
23 Apr 2013 16:03	GLDFLDPW	Trc
23 Apr 2013 16:03	COLLGAR	Mik
23 Apr 2013 16:02	STHRNCRS	Trc
23 Apr 2013 16:01	MUMBIDA	Gill
23 Apr 2013 16:01	GLDFLDPW	Trc
23 Apr 2013 16:00	KARARA	KA

Detail History

Date & Time	Message Code	Message Type	Message
23/04/2013 16:05:28	10001	Info	File Uploaded to IMO Server - St

Choose File to Upload

Look in: vanniekerkj

- My Recent Documents
- Desktop
- My Documents
- My Computer
- My Network Places

- Contacts
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- My Music
- My Pictures
- My Videos
- Saved Games
- Searches

File name:

Files of type: All Files (*.*)

Assessment Process – Key Considerations

Outages

IMO may decide not to assign CRC to a Facility where:

- operating for >36 months and Forced Outage rate >15% or combined outage rate >30% over the last 36 months
- operating <36 months and likely to have a Forced Outage rate >15% or combined outage rate >30% over 36 months

Demand Side Programmes

- CRC not to exceed the IMO's reasonable expectation of Relevant Demand less the minimum load

Network Access

- DSOC limits and runback schemes may result in generators being certified for less than their nameplate capacity
- Static system studies to be completed for new generation facilities/upgrades

Intermittent Generators

- CRC based on actual/estimated output of candidate facilities in peak trading intervals from prior 5 years

Committed Status Requirements

- The IMO can not assign CRC to a Facility that is not expected to be a Registered Facility by 1 October 2015
- Generators must have:
 - environmental approvals
 - completed access studies
 - fuel contracts

Conditional Certified Reserve Capacity:

- where committed status can not be verified it is possible for Conditional Status to be granted
- can be converted to Certified Reserve Capacity if the requirements to prove committed status are met during future cycles

The logo for imo, featuring the lowercase letters 'i', 'm', and 'o' in a bold, blue, sans-serif font. The 'i' has a small circle above it, and the 'o' has a small circle inside it.

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