

# **MERALCO's Interruptible Load Program (ILP) Protocol For Contestable Customers**





***Interruptible Load Program (ILP) is a voluntary, demand-side management program that allows customers to operate their generating sets & collectively reduce electricity drawn from the grid when power interruptions are imminent to ration limited power supply.***



# Program Background

- Promulgated under ERC Resolution No. 8, Series of 2010 and amended by Resolution Nos. 8, Series of 2013 and 5, Series of 2015
  - Open to non-contestable customers, contestable customers, locators in economic and freeport zones, and directly-connected customers
  - Prioritizes customers with large loads and requests them to 'de-load' when NGCP issues a **RED ALERT** notice
- Implemented first in Visayas and Mindanao to ration limited power supply and avert prolonged power outages
- In anticipation of a potential power supply shortage in Luzon, DOE initiated ILP implementation in MERALCO in March 2014



# MERALCO ILP Count as of January 2017

MW	TOTAL	Signed	Potential*
Captive	369.42	369.42	0
Contestable	501.44	368.58	132.87
CEZ	7.5	7.5	0
TOTAL	878.36	745.50	132.87

Total ILP participants in Meralco comprise 386 services represented by 198 companies with a committed capacity of 745.50 MW

Services	TOTAL	Signed	Potential*
Captive	211	211	0
Contestable	214	172	42
CEZ	3	3	0
TOTAL	428	386	42

\*Tripartite ILP agreement for finalization

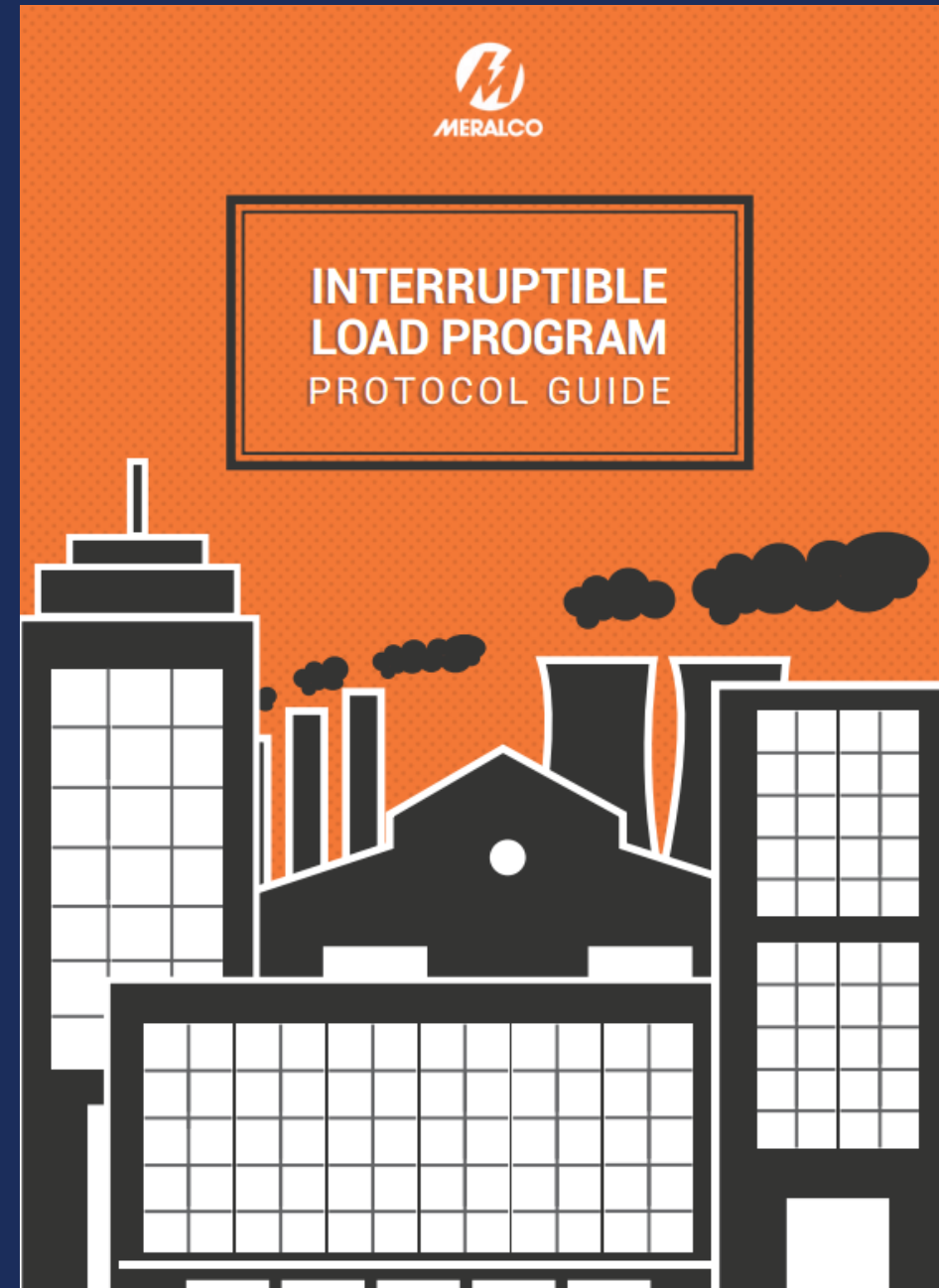


# ILP implementation in MERALCO spared households from experiencing rotating brownouts during supply shortages

Red Alert Date	ILP Duration	De-loaded MWh	Est. No. of Households Spared from MLD
16 May 2014	1400H to 1600H	69	50,000
12 Jul 2014	1000H to 1700H	281	402,593
8 Sep 2014	1300H to 1600H	222	325,600

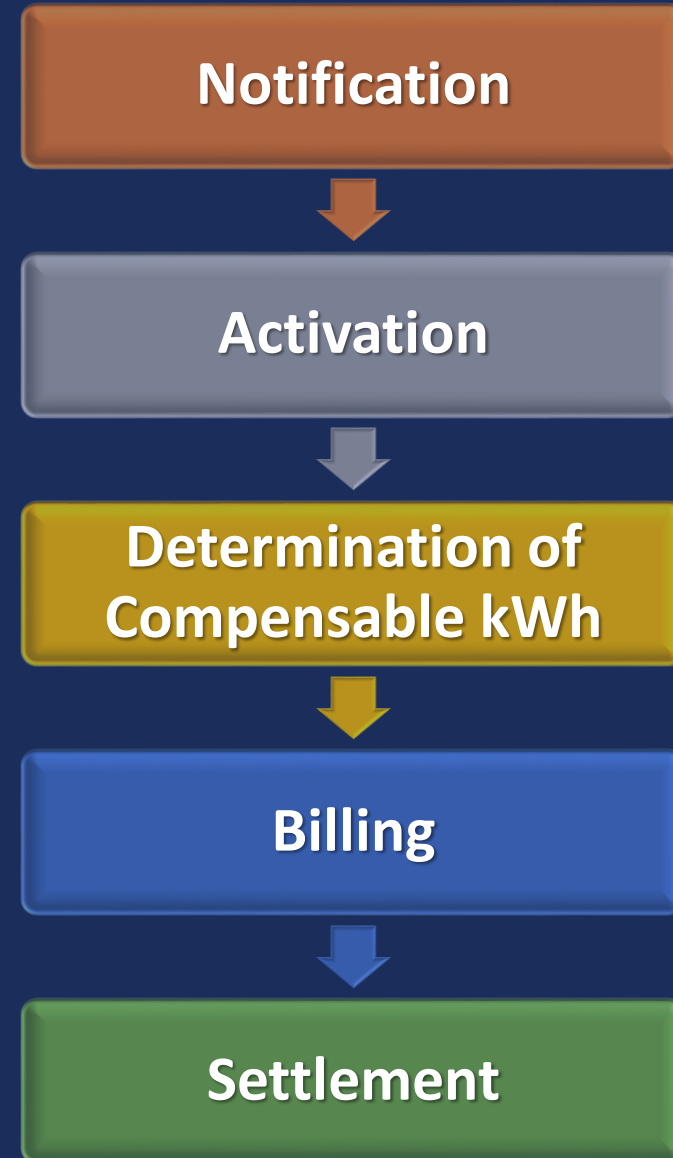
Red Alert Date	ILP Duration	De-loaded MWh	Est. No. of Households Spared from MLD
15 Apr 2016	1200H to 1700H	336	300,000
29 Jul 2016	1200H to 1700H	442	738,000
30 Jul 2016	0900H to 1700H	604	1,128,620
5 Aug 2016	1000H to 1800H	803	774,936
6 Sep 2016	1300H to 1700H	356	759,201

# Program Mechanics for Contestable Customers

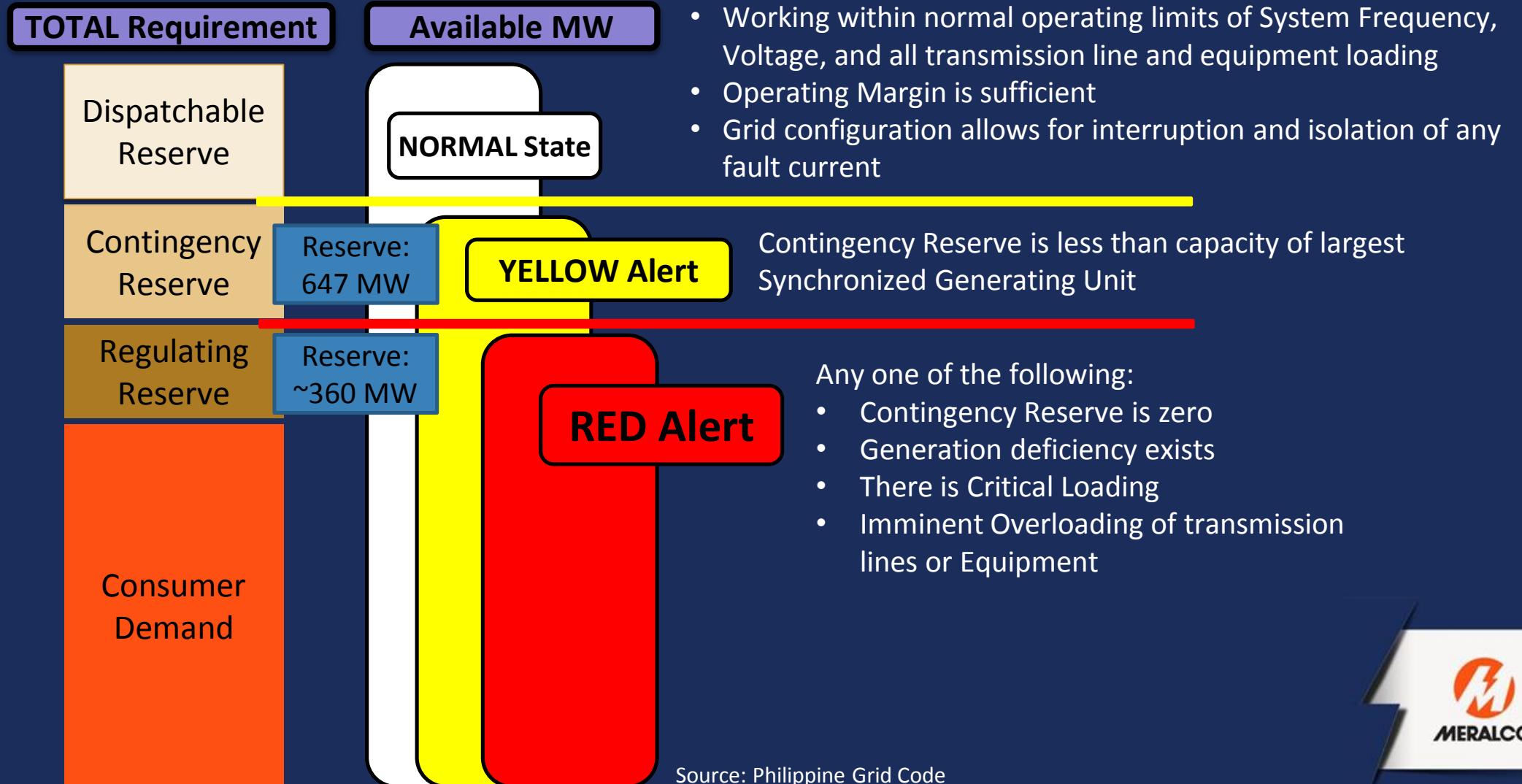


# 5 Steps to Implementing ILP

**NOTIFICATION:** MERALCO's Call Center directly notifies ILP Participants through their contact persons of grid conditions and possible ILP activation

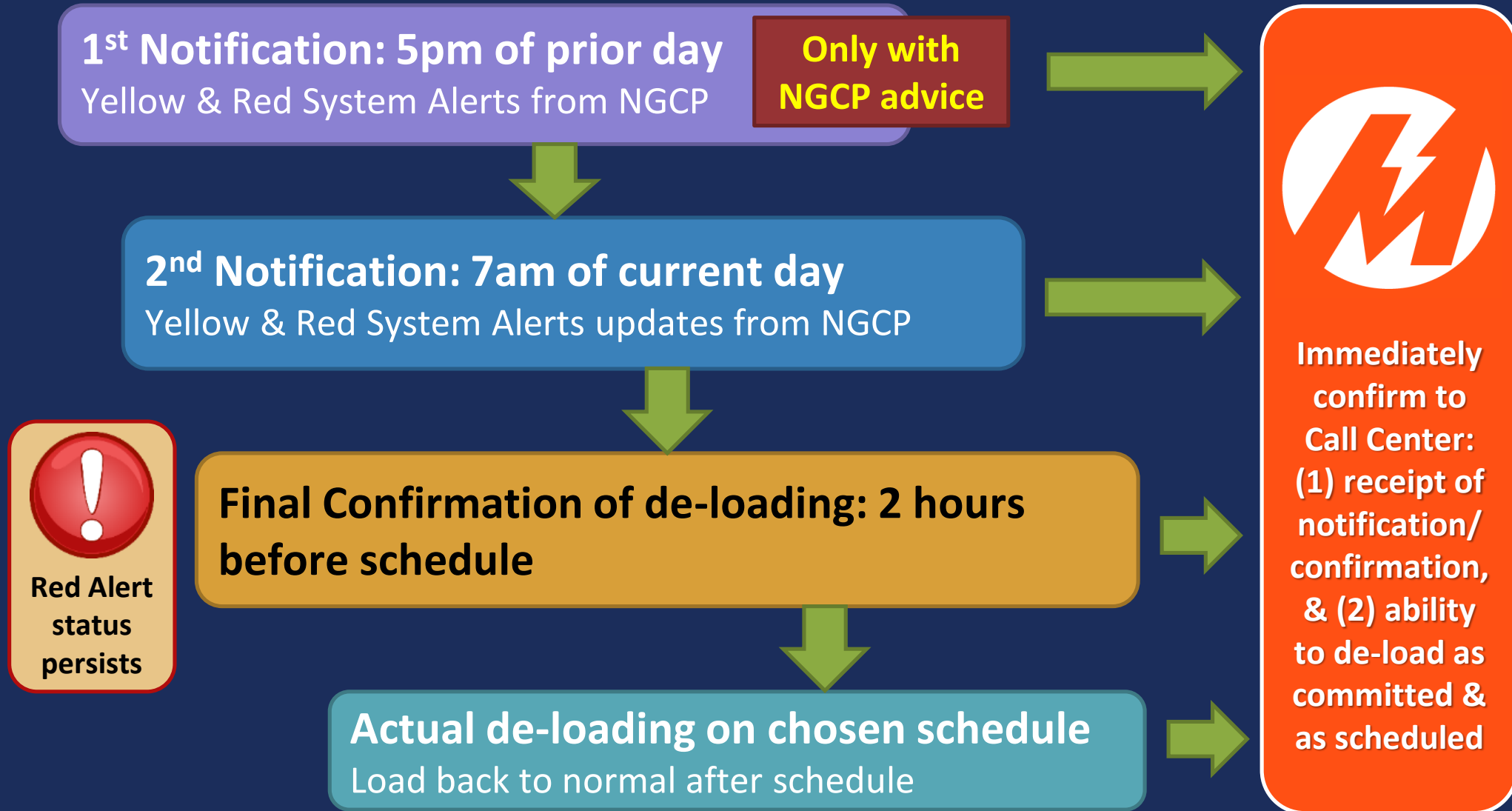


# NGCP regularly informs MERALCO of current system conditions





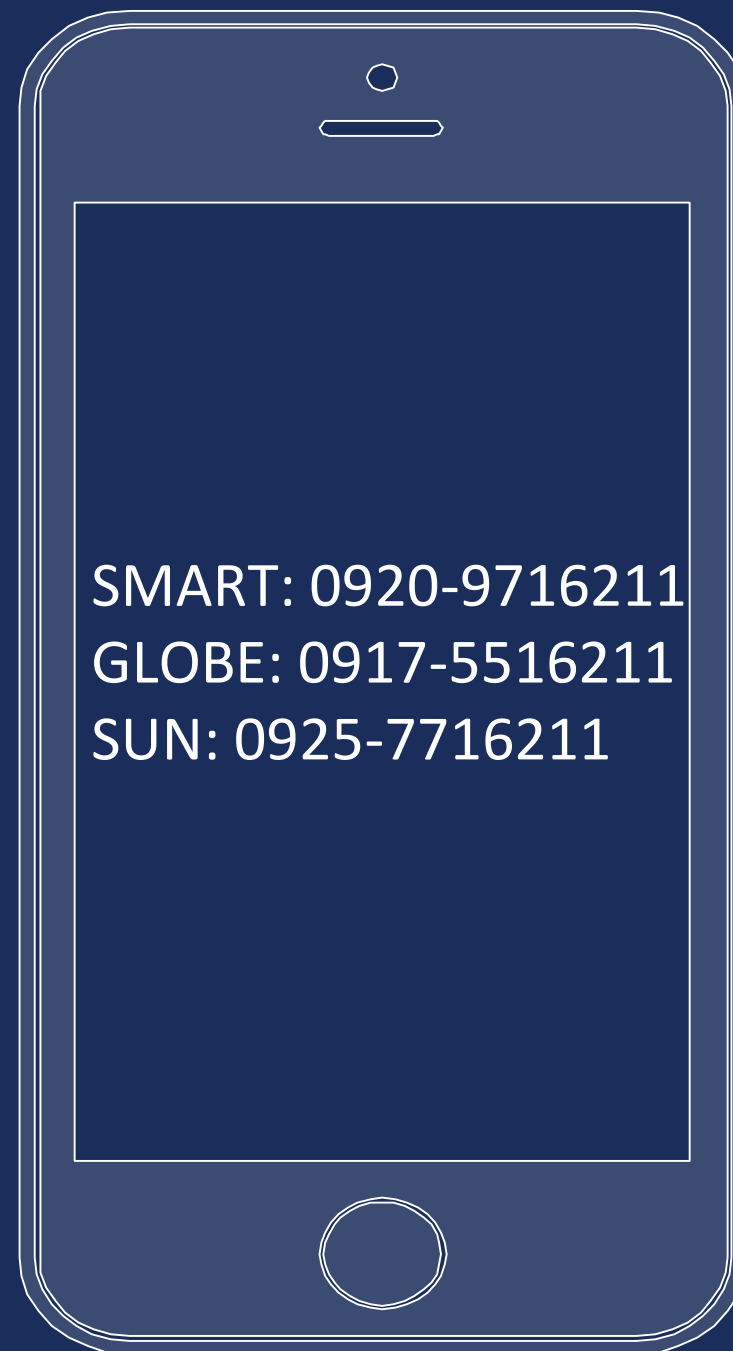
# ILP Notification Process



# Notification via SMS

If joining, please send: ILP <SPACE> YES  
<SPACE> <ESTABLISHMENT NAME>  
<SPACE> <SIN> <SPACE> <DE-LOADING  
CAPACITY IN MW>

If not joining, please send: ILP <SPACE>  
NO <SPACE> <ESTABLISHMENT NAME>  
<SPACE> <SIN> <SPACE> <REASON FOR  
NOT JOINING>



# Notification Reminders

- Make sure to provide the correct landline number, mobile number and email address
- Depending on the level of reserves, the final confirmation notice may also be the first and only notice for de-loading if a large plant unexpectedly breaks down. This will be an **EMERGENCY** ILP activation.
- Always confirm participation immediately to MERALCO's Call Center
  - Remember that this will be the basis for compensation
  - Feedback to other MERALCO personnel or Relationship Manager will not be considered as official advice
- Follows the prescribed format in replying to SMS notifications

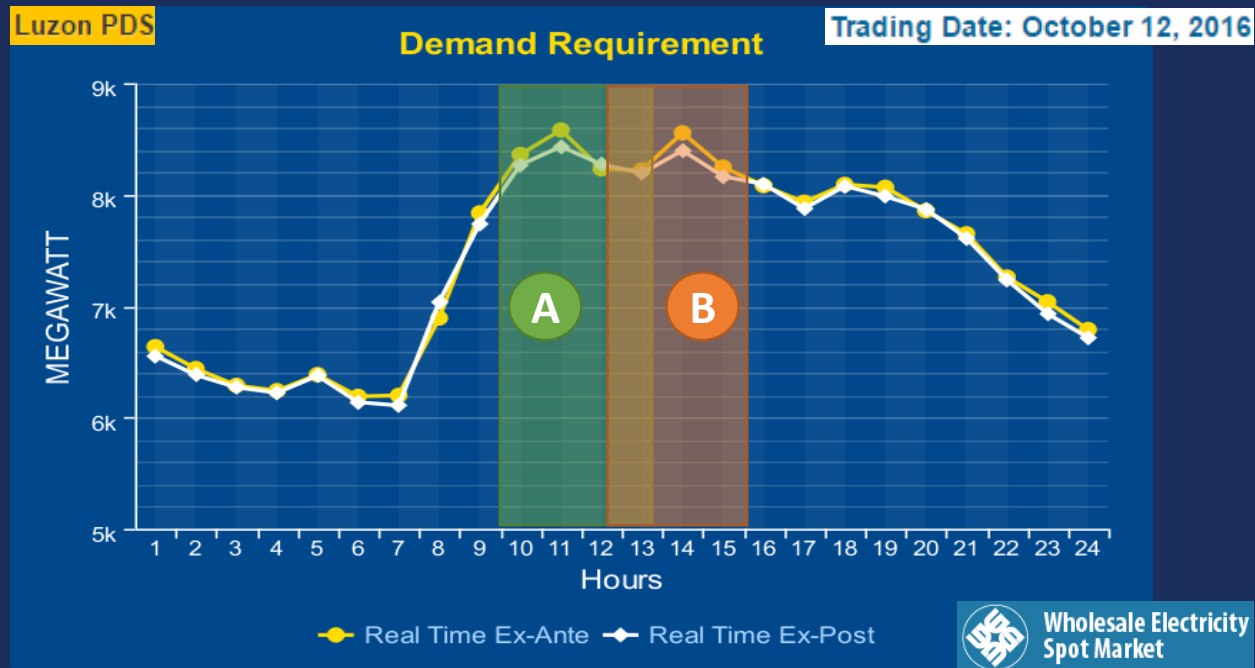


# 5 Steps to Implementing ILP

**ACTIVATION:** Participants choose between 2 de-loading windows that capture morning and afternoon peak:

**A** 10AM-1PM

**B** 12NN-3PM



Notification

Activation

Determination of  
Compensable kWh

Billing

Settlement



# Activation Reminders

- Always ensure ample fuel supply
- De-load immediately once instructed by MERALCO
- Depending on the level of deficiency and time of **RED ALERT** pronouncement by NGCP, participants may be requested to:
  - Extend de-loading
  - De-load outside preferred schedules
- Load back to normal after the prescribed de-loading window unless an extension has been issued by MERALCO's Call Center



# Activation Reminders

- If you are unable to continue de-loading during the prescribed de-loading hours, please notify MERALCO's Call Center immediately and indicate:
  - Reason for inability to continue de-loading
  - Estimated time when the problem is expected to be resolved

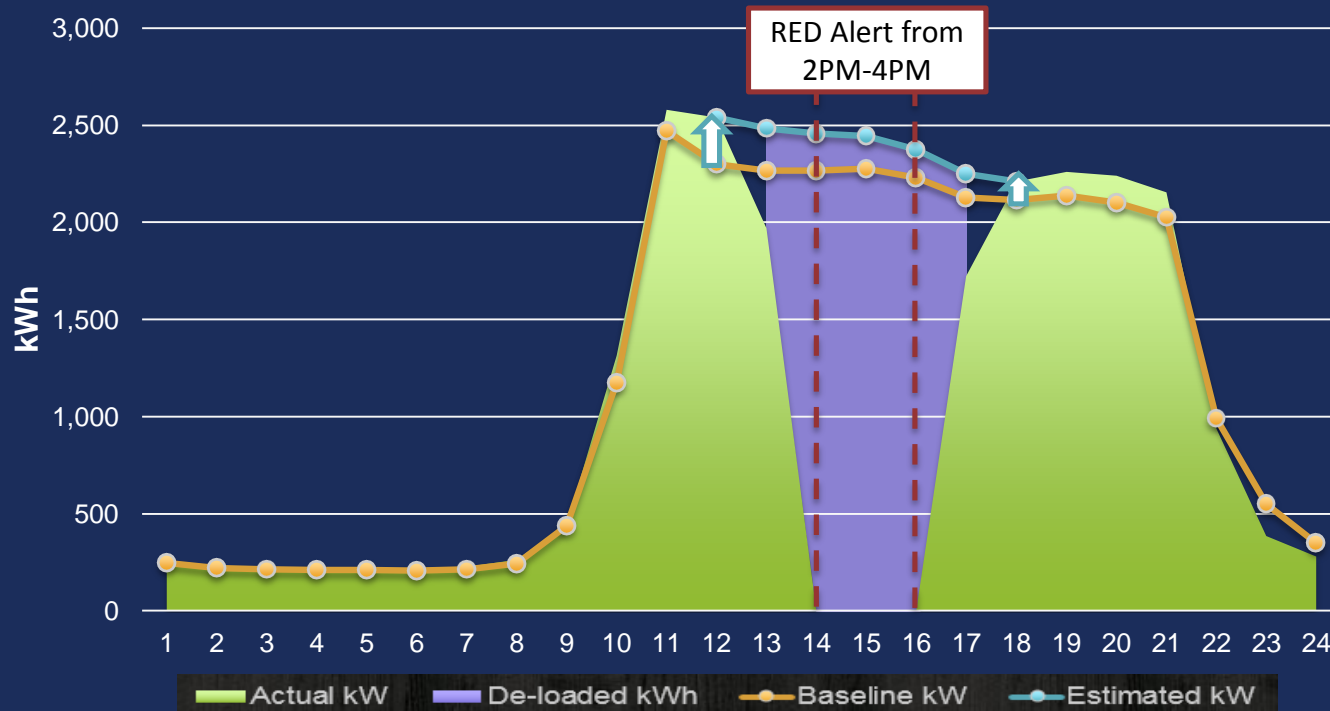
**ILP HOTLINE:  
(02) 632-8118**



# 5 Steps to Implementing ILP

## DETERMINATION OF COMPENSABLE KWH:

MERALCO will read consumption meters of participating accounts at the same time as the usual reading for billing & tag hours of ILP activation



Notification

Activation

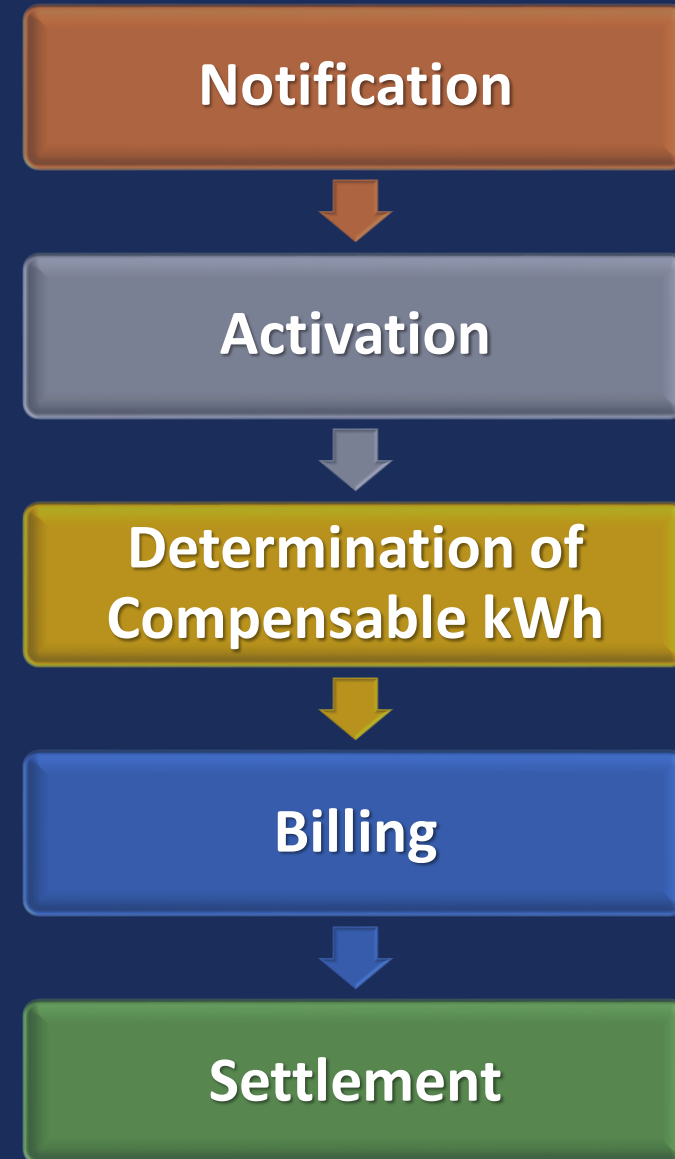
Determination of  
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# 5 Steps to Implementing ILP



Billing and settlement of De-loading Compensation is between the RES and contestable customer





# Thank you!

