MEASURES OF EV IN THAILAND

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EV STATISTICS

- Number of new EV registration significantly increased each year
- New EV registration 2015 – 2019

	2015	2016	2017	2018	2019 (1st half)
BEV	76	161	165	325	420
HEV/PHEV	7,629	9,577	11,945	20,344	15,366

- For 2019 (1st half) > BEV – L3 73%, M1 16%
  > HEV/PHEV - M1 88%,
  L3 12%

EEC - GOVERNMENT POLICIES

- One of EEC (Eastern Economic Corridor) Government policies is new generation automotive industry – start with OEM of battery and powertrain industries for EV

- Need cleaner system than IC engine and to tackle with PM 2.5 and reduce carbon emission

LATEST MEASURES-1

- Amend DLT's Notification on EV Registration in 2017 to encourage for alternative energy usage:

  - revise rated power and min. speed for registration

  - set 30 minutes max. power requirement (UNR 85)

LATEST MEASURES-2

- Draft notification on electrical safety for L3 (UNR 136) - Legal Bureau is considering
- Draft notification on electrical safety for M1 &N1 (UNR 100) - AEB, TAIA & TEEI is drafting
- Draft notification on EMC for L3, M1 &N1 (UNR 10) – AEB, TAIA & TEEI is drafting
- Draft notification on net power for & L3 - AEB & TAIA is drafting

LATEST MEASURES-3

- More investment on test facilities for battery and EV in EEC areas:

  - TAI: Thai Automotive Institute, MOI

  - TEEI: Thai Electrical &Electronic Institute, MOI

  - PTEC: Electrical &Electronic Product Testing Center, under NSTDA, MOST

- Test facilities under TAI, aligning with UNR 100 & UNR 136, expect to start the operation by 2020

CONCLUSION

- **Trend of EV is coming**
- **DLT, as a regulator concerning vehicle safety and environment, enforce the appropriate requirements to align with UNR as many as possible**
- **Not only for consumer safety and industry, but support government policies on new generation automotive product under EEC as well**

- Thank you for your attention-