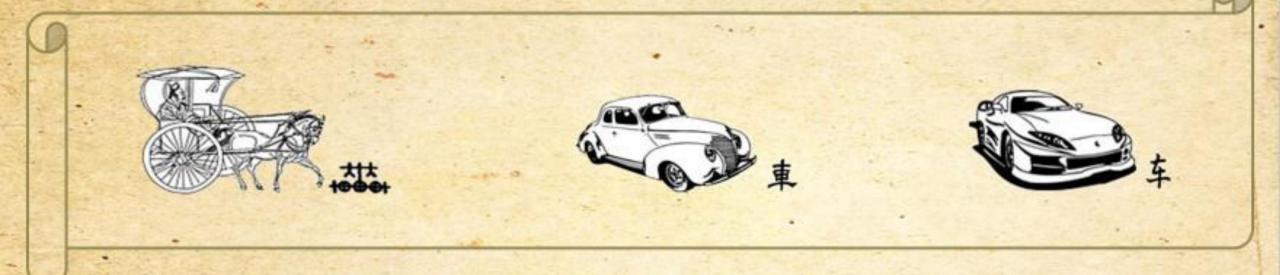
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China Car & NEV Market – The Road of Involution & Evolution (Sharing)

"A Look Back at 2023 and Look Ahead to 2024 & Beyond" - for Amcham Shanghai Auto Committee

January 30, 2023



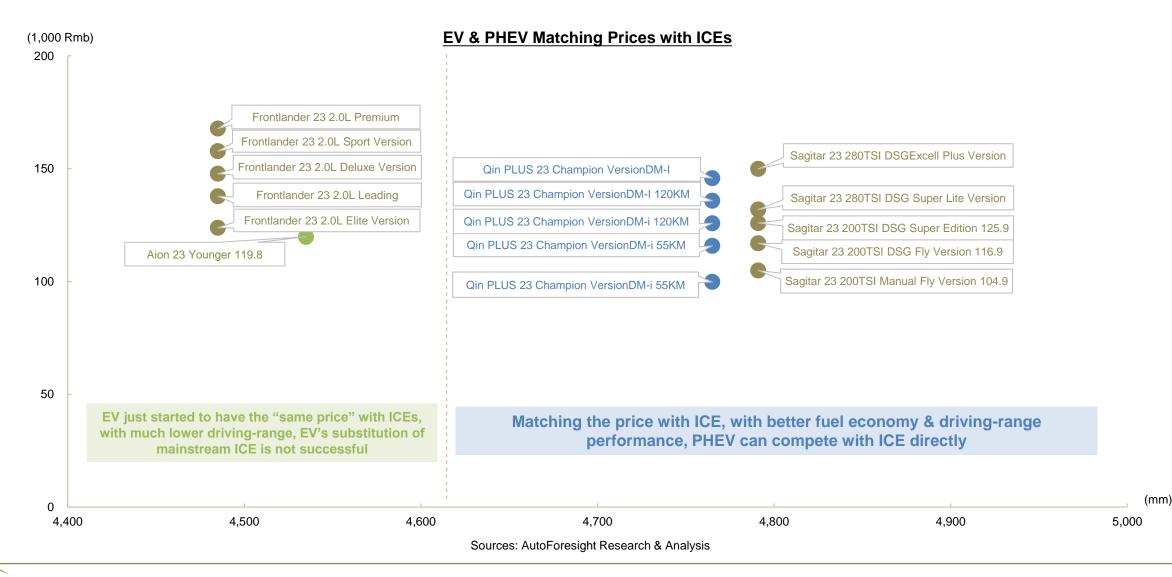
Presentation by - Zhang Yu, Managing Director Automotive Foresight (Shanghai) Co., Ltd.

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NEV Matching Prices with ICE in 2023

PHEV value proposition has surpassed ICEs, gaining significant advantages; though EV also tried to match prices with ICE by burning cash, due to bottle neck of driving range & charging, sales grew moderately in 2023

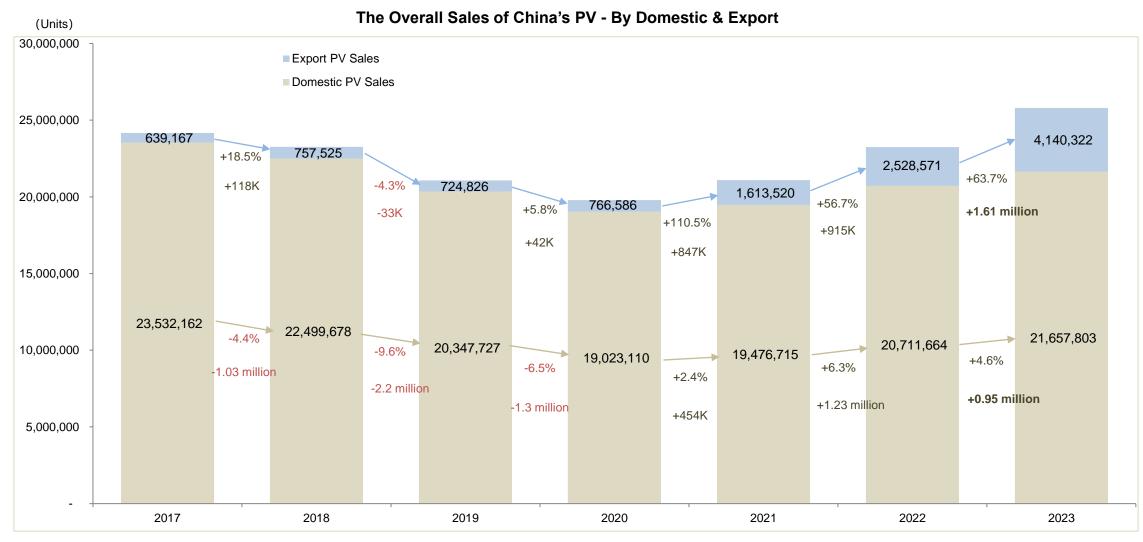




Total 2023 China PV Sales - By Domestic & Export

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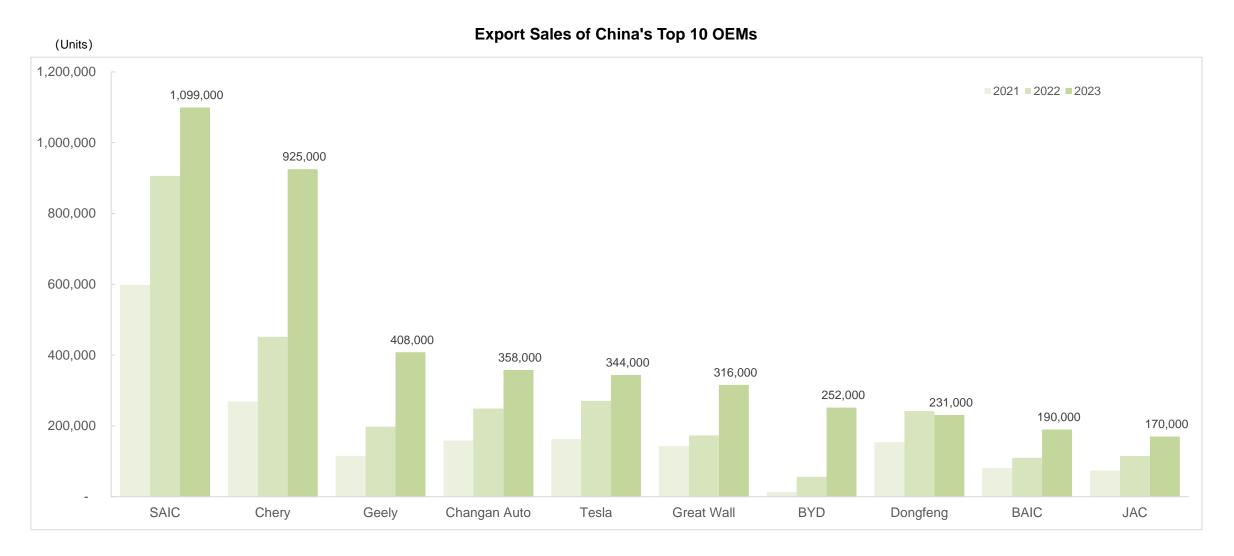
In 2023, domestic PV demand was weak with intensified competition, OEMs seeked to explore opportunities overseas



Source: CAAM, AutoForesight Research & Analysis

China's Auto Exports – by OEMs

OEMs export volume grew rapidly in past 2 years; however, if 2024 export slows down, domestic market may face more competitions & price wars

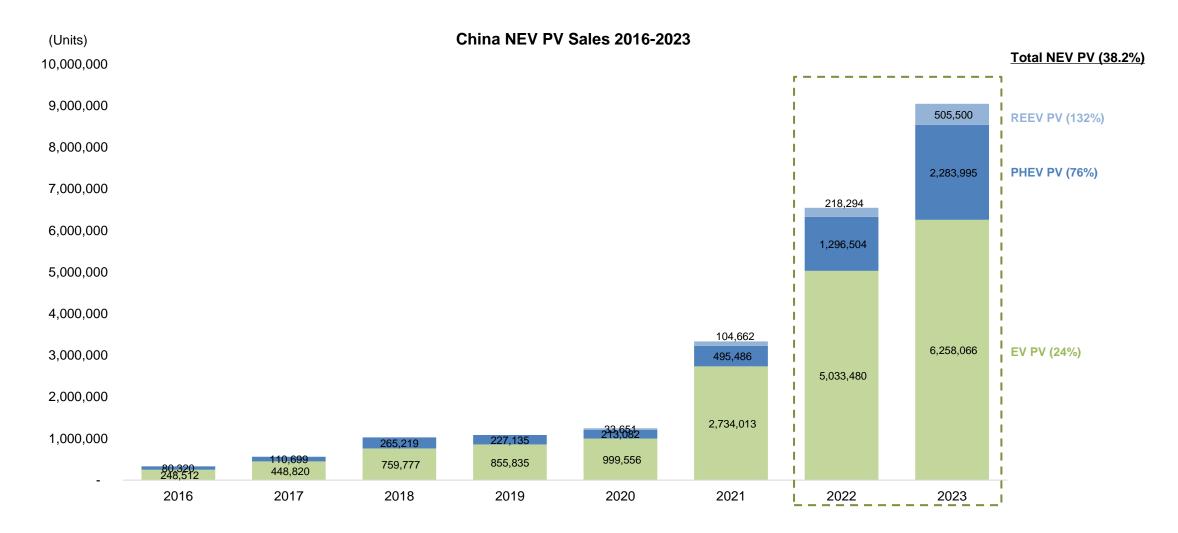


Source: CPCA, AutoForesight Research & Analysis

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China NEV PV Sales – By EV/Plug-ins

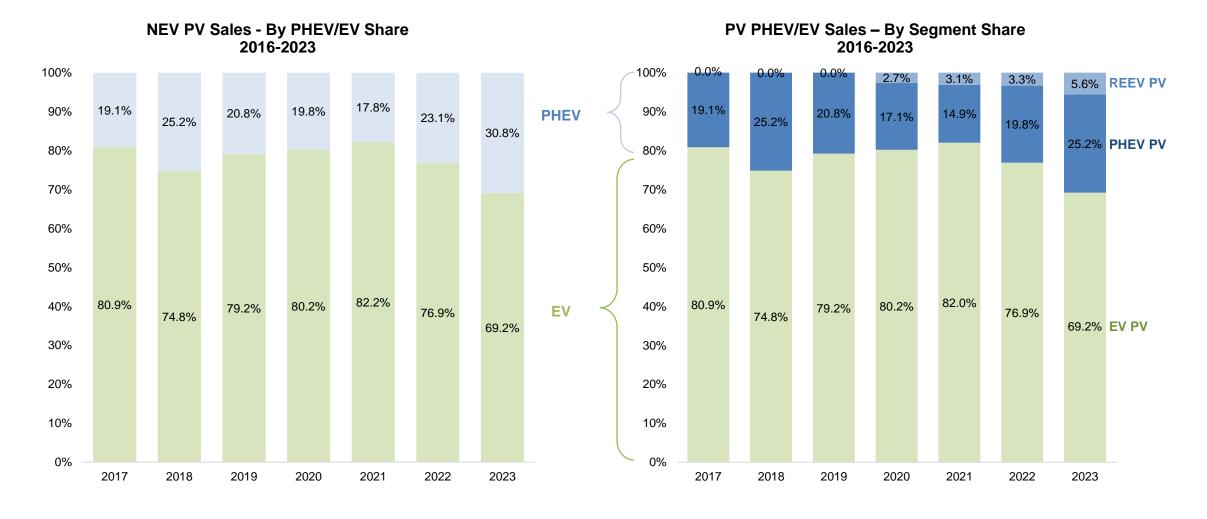
China 2023 PV NEV sales reached 9 million, increasing by 38%. Plug-ins grew by 1.27 million, surpassing EV's 1.22 million increments



Source: CAAM; AutoForesight Research & Analysis

NEV PV Sales – By EV/Plug-ins Share

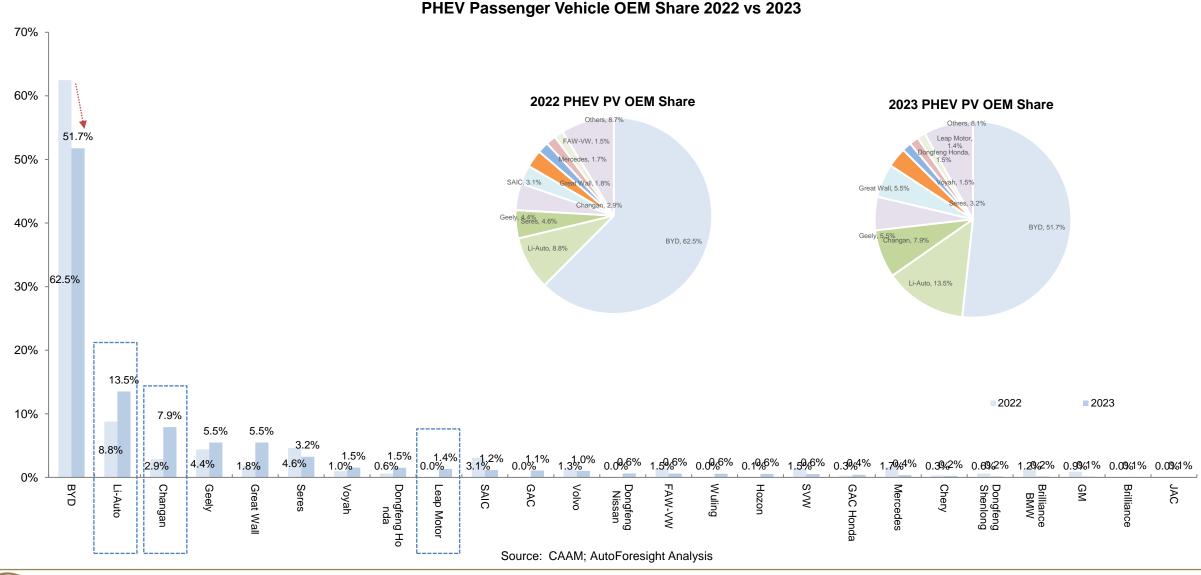
China EV & Plug-ins sales mix remained 80-20 for years, Plug-ins suddenly boomed to 31% in 2023, of which REEV grew even faster



Source: CAAM; AutoForesight Research & Analysis



BYD remained No.1 in PHEV, but dropping by 11 points of share; Li-Auto, Changan, Leap Motor with REEV routes grew faster



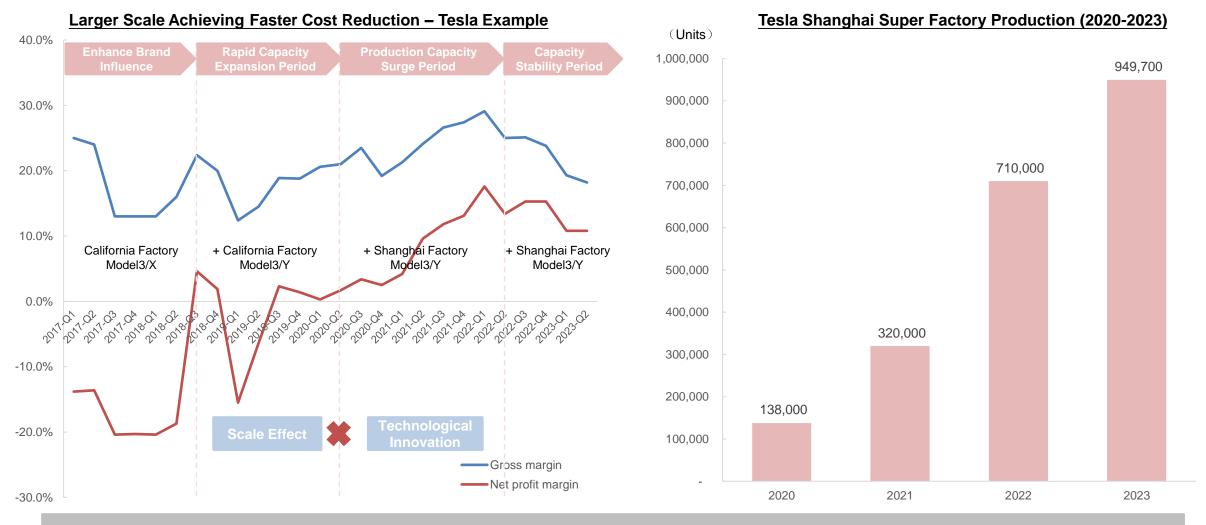
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Cost Amortization: Production Scale Reducing Costs

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EV has simpler structure, when it reaches production scale, the cost decreases rapidly



Tesla Shanghai reaching production scale, single vehicle cost is equal to or even lower than ICE cars

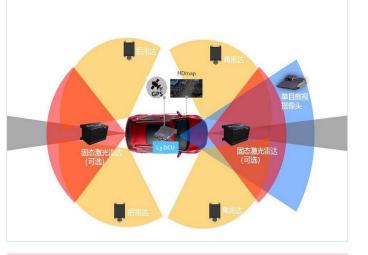
Source: AutoForesight Research & Analysis

Performance Advantages: REEV Large Battery Pack

REEV's 30-40Kwh battery can support higher e-driving range, more smart devices & stronger VTL capability during camping



2. Sufficient Electricity to Support Smart Devices of High Power Consumption



HEV only 1-2Kwh battery pack, with e-driving range of 2 kilometers

PHEV's e-driving range is mostly half that REEV

- HEV small battery unable to support high-level smart devices
- PHEV batteries can barely provide basic support

3. Larger Outdoor Vehicle-to-Load Capacity



- HEV does not have VTL function
- > PHEV VTL capacity is low

Consumers: REEV - "Everything Under Control" Psychology

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Some consumers have "everything under control" mentality - REEV is perfect for the needs

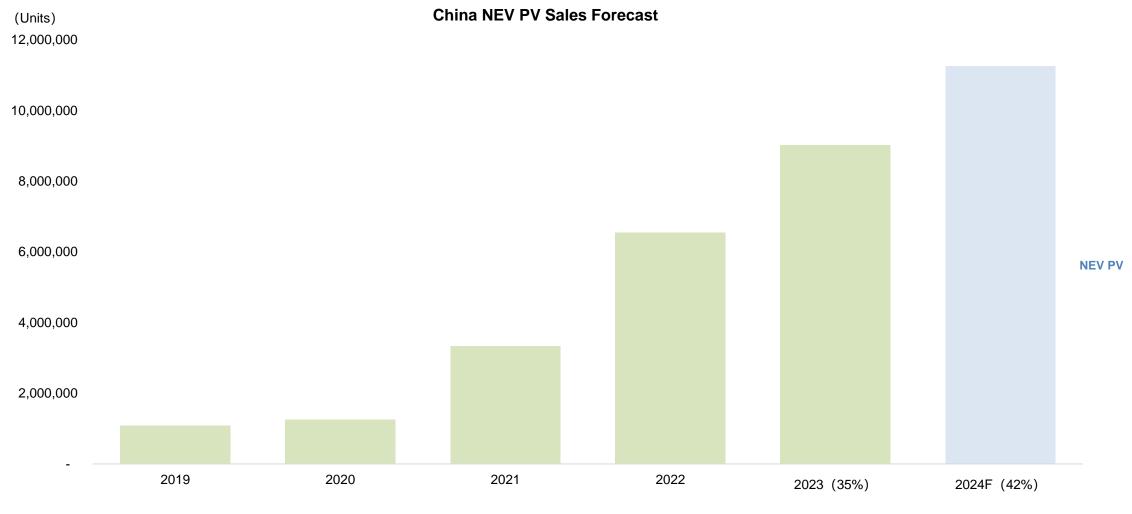


Consumers want quiet e-drive, again want advanced autonomous driving, and still want ICE as backup for cold weather & rural area driving - REEV caters to those needs better than EV or PHEV



China NEV PV Sales Forecast – 2024

China PV sales are expected to reach 26.8 million units in 2024, growing 4%; NEV PV is estimated to grow by 25% to 11.26 million, increasing 2.24 million units



Source: MIIT; CAAM; AutoForesight Research & Analysis



China Passenger Car Market Updates

预见|致远

Launched in 2012, China Passenger Car Market Updates is our basic product, updated quarterly/monthly, covering all aspects of current market/policy/competitive situation/forecast.

China Passenger Car Market Quarterly/Monthly Updates

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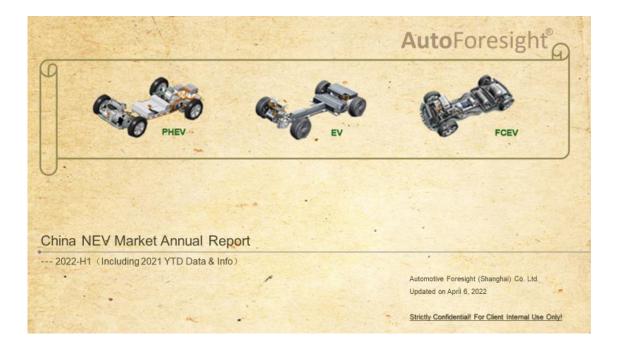
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Note: The China Passenger Car Market Quarterly Updates is updated at the end of January, April, July and October each year; The China Passenger Car Market Monthly Updates is completed by the end of each month

China NEV Market Annual & Monthly Update

Launched in early 2015, an annual updated in-depth analysis report on NEV policies, markets, technologies, consumer attitudes and forecasts; The Market Overview, Policy and Forecast sections are updated monthly.

China NEV Semi-Annual/Monthly Updates



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Note: The annual report is updated at the end of March each year (Chinese & English version); The other eleven monthly updates will be completed before the end of each month, NEV hot topics will be selected for analysis during these eleven months, and the selection of monthly topics can be discussed and agreed with customers.

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China NEV Monthly Feature Reports – Catalogue

Till end of 2023, eighteen monthly features were issued...

Jun-2022: Effect of VW China's Management Structure Adjustment

Jul-2022: Analysis of Double-Credits Policy

Aug-2022: PHEV technology route of BYD & GW

Sep-2022: REEV Not Suitable for Traditional OEMs

Oct-2022: Automakers & Smart Phones

Nov-2022: Why Chery's sales increased in 2022?

Dec-2022: Legacy Local & EV Startups

Jan-2023: Development of "Legacy OEM Startups"

Feb-2023: NEV Sales and Penetration Analysis by Provinces

Apr-2023: 2023 OEMs Price War

May-2023: EV of BBA vs Competitors

Jun-2023: Autonomous Driving & Impact on Competitive Landscape

Jul-2023: MPV Market Development & NEV Trends

Aug-2023: The Development Prospects of PHEV&HEV Routes Analysis

Sep-2023: China Auto Export & Overseas Footprint

Oct-2023: Vertical Integration: "BYD & Tesla Case Study"

Nov-2023: BYD's Development Strategy

Dec-2023: Tech Company's Automotive Strategy

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Thanks!

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