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<th><strong>Docketed</strong></th>
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<tr>
<td><strong>Docket Number:</strong></td>
<td>19-IEPR-03</td>
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<tr>
<td><strong>Project Title:</strong></td>
<td>Electricity and Natural Gas Demand Forecast</td>
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<tr>
<td><strong>TN #:</strong></td>
<td>229049</td>
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<tr>
<td><strong>Document Title:</strong></td>
<td>Preliminary Transportation Energy Demand Forecast</td>
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<tr>
<td><strong>Description:</strong></td>
<td>*** THIS DOCUMENT SUPERSEDES TN 229042 *** - Presentation by Aniss Bahreinian of CEC</td>
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<tr>
<td><strong>Filer:</strong></td>
<td>Raquel Kravitz</td>
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<tr>
<td><strong>Organization:</strong></td>
<td>California Energy Commission</td>
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<td><strong>Submitter Role:</strong></td>
<td>Commission Staff</td>
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<tr>
<td><strong>Submission Date:</strong></td>
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Preliminary Transportation Energy Demand Forecast

2019 IEPR Workshop on Transportation Energy Demand Forecast

Aniss Bahreinian
July 22, 2019
Transportation Energy Forecasting Unit
Demand Analysis Office
Energy Assessments Division
Main Determinants of Transportation Energy Demand

Transportation Energy

Vehicle Population

Vehicle Efficiency

Vehicle Use, VMT
Non-Gasoline Vehicle Population Preliminary Forecast, 2030, High Case

Source: California Energy Commission
Preliminary Transportation Energy Demand: Mid Case

Source: California Energy Commission
Preliminary Transportation Energy Demand, 2030, High Case

Source: California Energy Commission
California Energy Commission

Gasoline Demand Preliminary Forecast

Source: California Energy Commission
Transportation Gasoline Demand, Preliminary Forecast: Mid case

Source: California Energy Commission
Diesel Demand Preliminary Forecast

Source: California Energy Commission
Transportation Diesel Demand, Preliminary Forecast: Mid case

Source: California Energy Commission
E85 Preliminary Demand Forecast

Source: California Energy Commission
Transportation E85 Demand, Preliminary Forecast: Mid case

Source: California Energy Commission
Transportation Electricity Demand Forecast

Source: California Energy Commission
Transportation Electricity Demand, Preliminary Forecast: High case

Source: California Energy Commission
Transportation Electricity Distribution by Vehicle Type, Preliminary Forecast: High Case

Source: California Energy Commission
Transportation Hydrogen Preliminary Demand Forecast: High case

Source: California Energy Commission
Propane Preliminary Demand Forecast

Millions Gallons

Year

2019  2020  2021  2022  2023  2024  2025  2026  2027  2028  2029  2030

High  Low  Mid
Natural Gas Preliminary Demand Forecast

Source: California Energy Commission
Transportation Natural Gas Demand, Preliminary Forecast: High case

Source: California Energy Commission
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