

TIM ECKEL

**SASKPOWER VICE PRESIDENT
ASSET MANAGEMENT, PLANNING & SUSTAINABILITY**

SASKATCHEWAN'S PRIMARY ELECTRICITY SUPPLIER

528,000
CUSTOMERS

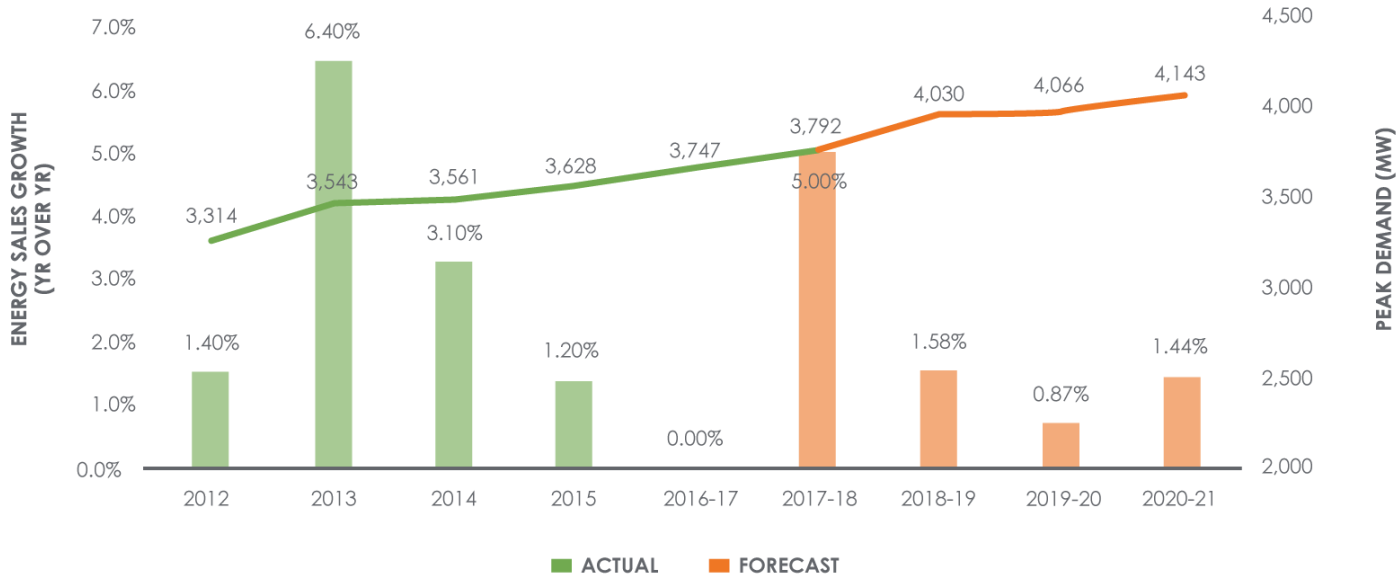
4,491 MW
CAPACITY

159,000 KM OF
POWER LINES

3,792 MW
NEW PEAK LOAD
(2017)

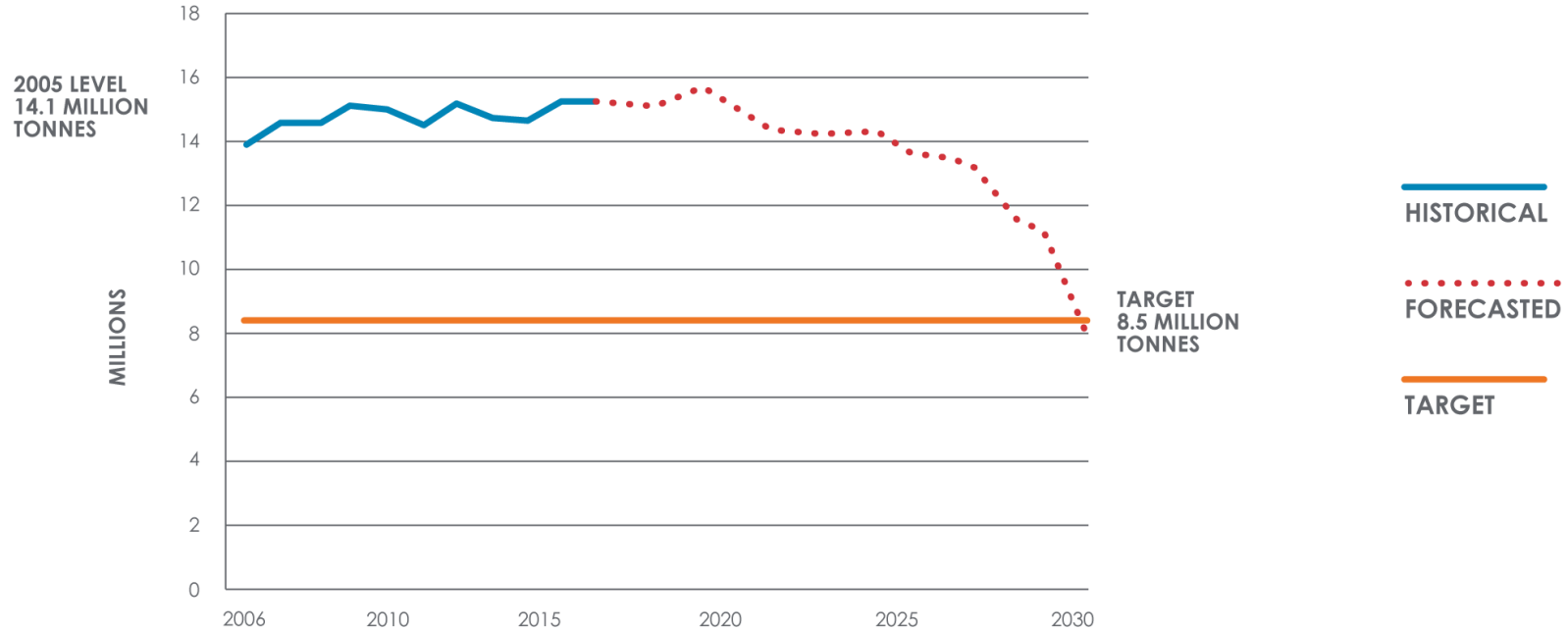


DEMAND FOR ELECTRICITY



- 5 year forecasted peak demand expected to increase at 1.3% annually
- 2017-2018 growth is based on actuals to the end of January, 2018 + projected energy for February and March 2018

GOAL TO REDUCE CO₂ EMISSIONS BY 40% BY 2030



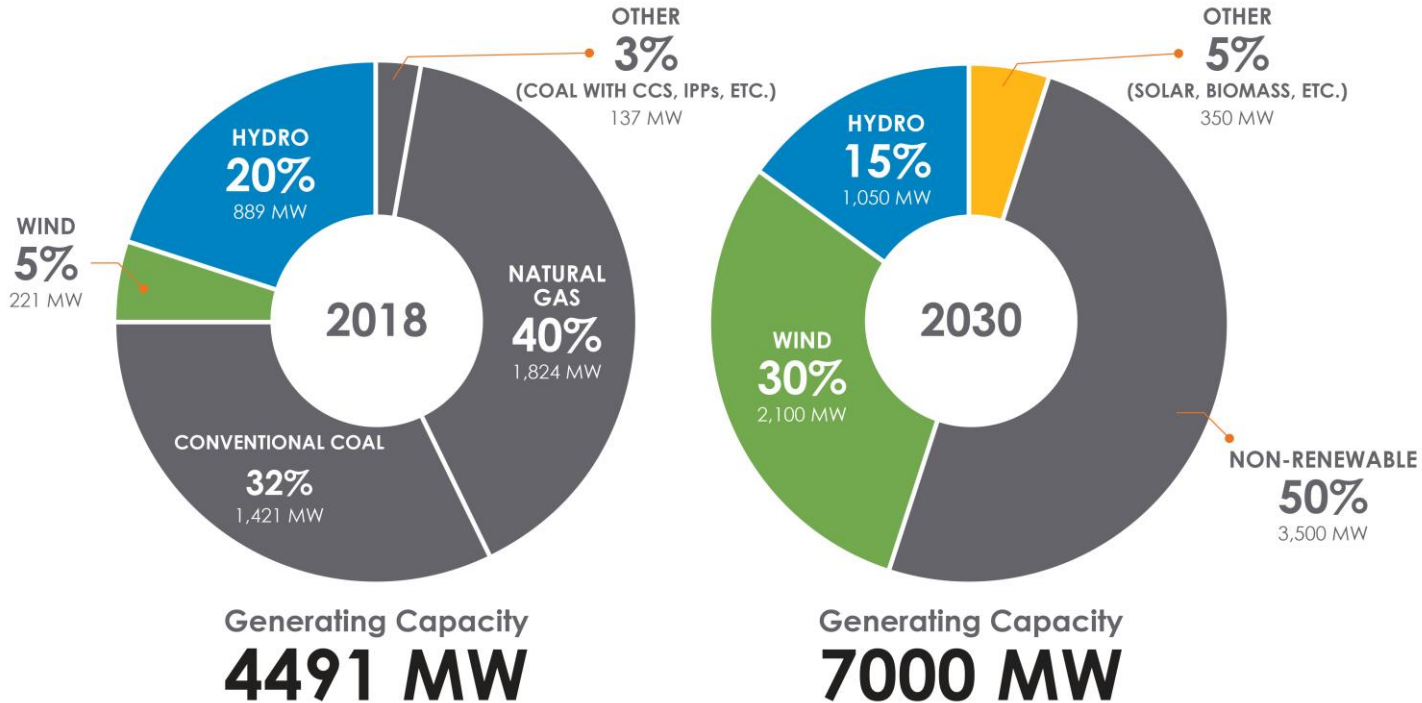
DOUBLING RENEWABLES

Doubling the per cent of renewables in our generation mix:

- More wind and hydro, introduce utility-scale solar and continue to evaluate geothermal and biomass

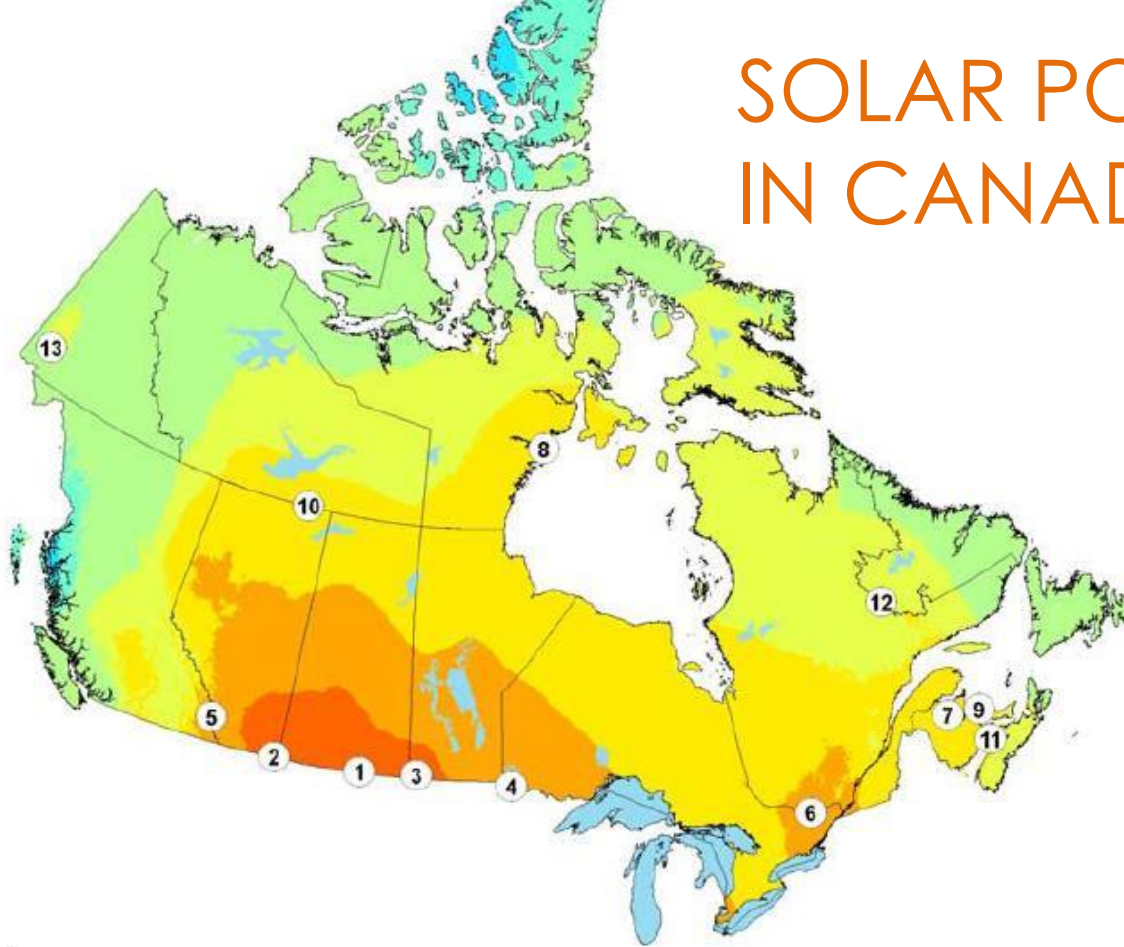


SASKATCHEWAN'S POTENTIAL FUTURE POWER MIX

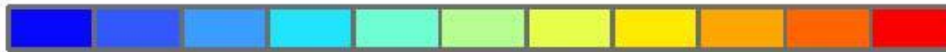


SOLAR POTENTIAL IN CANADA

- 1 Regway SK, 1384
- 2 Wild Horse AB, 1373
- 3 Waskada MB, 1370
- 4 Rainy River ON, 1265
- 5 Elkford BC, 1236
- 6 Quyon QC, 1208
- 7 Chatham NB, 1168
- 8 Chesterfield Inlet NU, 1158
- 9 Miminegash PE, 1136
- 10 Fort Smith NT, 1126
- 11 Amherst NS, 1125
- 12 Wabush NF, 1074
- 13 Burwash Landing YT, 1056

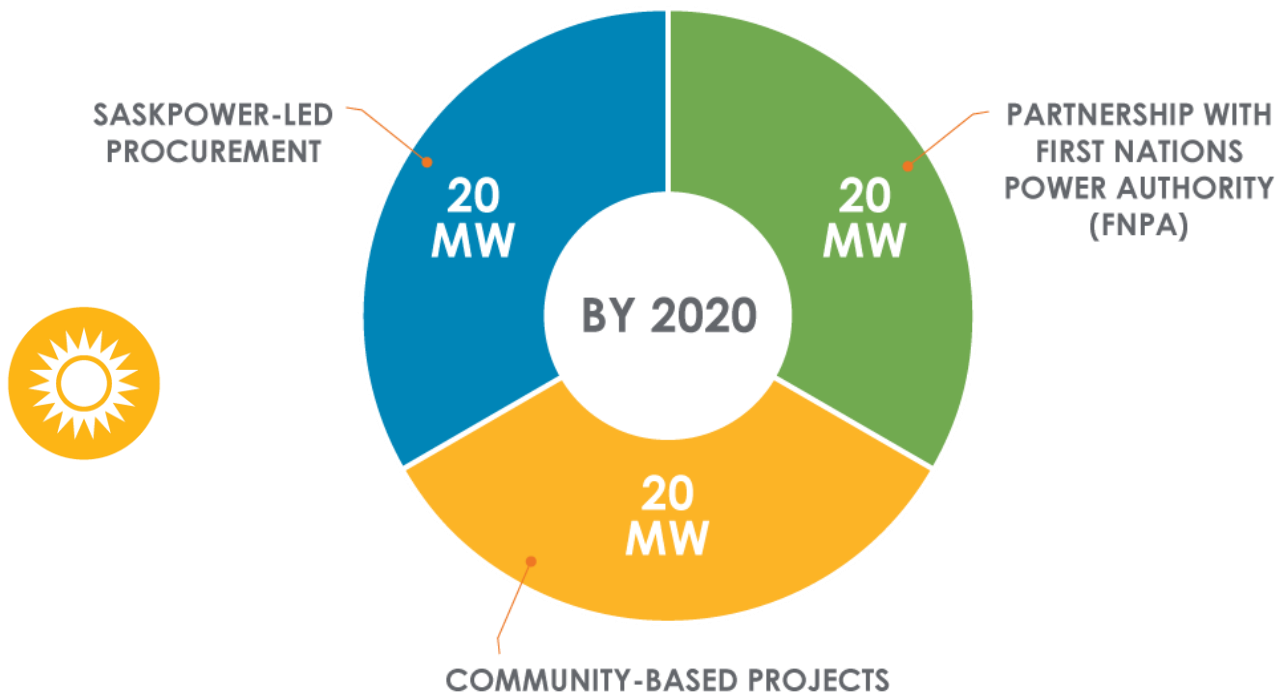


kWh/kW



Source: NRCan

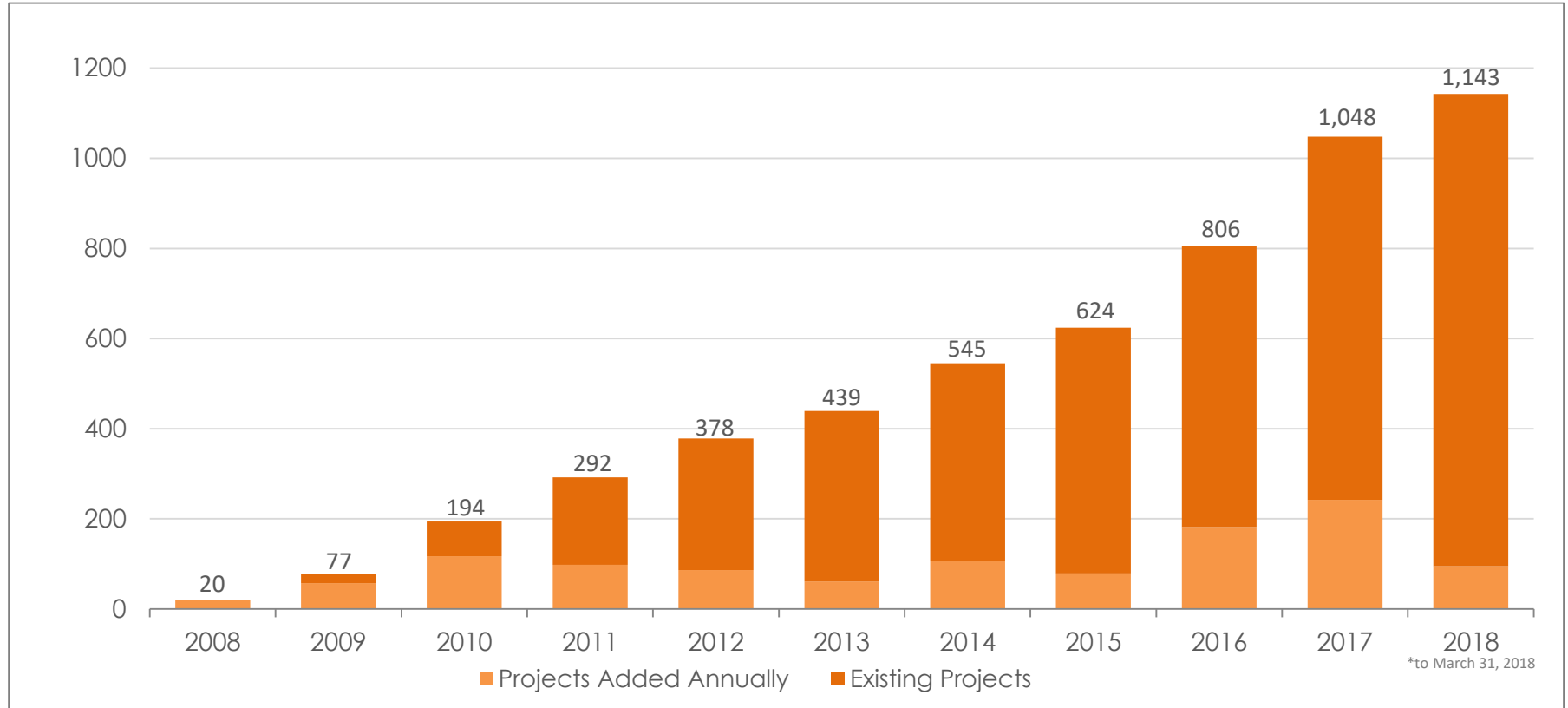
SASKPOWER'S PLAN FOR SOLAR



STATUS OF UTILITY SCALE SOLAR PROCUREMENTS

- SaskPower's first utility-scale solar project
- Next 10MW Competition – Early 2019

NET METERING & CUSTOMER GENERATION PROGRAMS



STAKEHOLDER FEEDBACK

Key Findings of 2017 “Let’s Talk Solar” Workshops:

1. Strong Stakeholder Support for Solar Generation
2. Changing Expectations of SaskPower
 - Support Solar
 - Enhanced Customer Experience
 - Demonstrate Leadership
3. Contrasting Views on Affordability
4. Game Changing Potential for Solar
5. Continue Engagement and Follow Through

CUSTOMER GENERATION PROGRAMS

SaskPower's existing customer generation programs are being revised to better meet customer expectations and to align with business and environmental objectives for SaskPower and the province.

CUSTOMER GENERATION PROGRAMS CONT'D

REVIEW WILL INCLUDE:

- Improve interconnection timeliness & affordability
- Stable & predictable programs - provide a clear price signal
- Improve accessibility (with local communities, First Nations, institutions, and industry; increase contract length; increase eligible project size)
- Ensure fair financial outcomes and affordability for all customers
- Projects are safe, of high quality, and do not compromise system reliability
- Programs are designed flexibly to adapt to change, foster innovation, and take advantage of synergies with storage and energy conservation

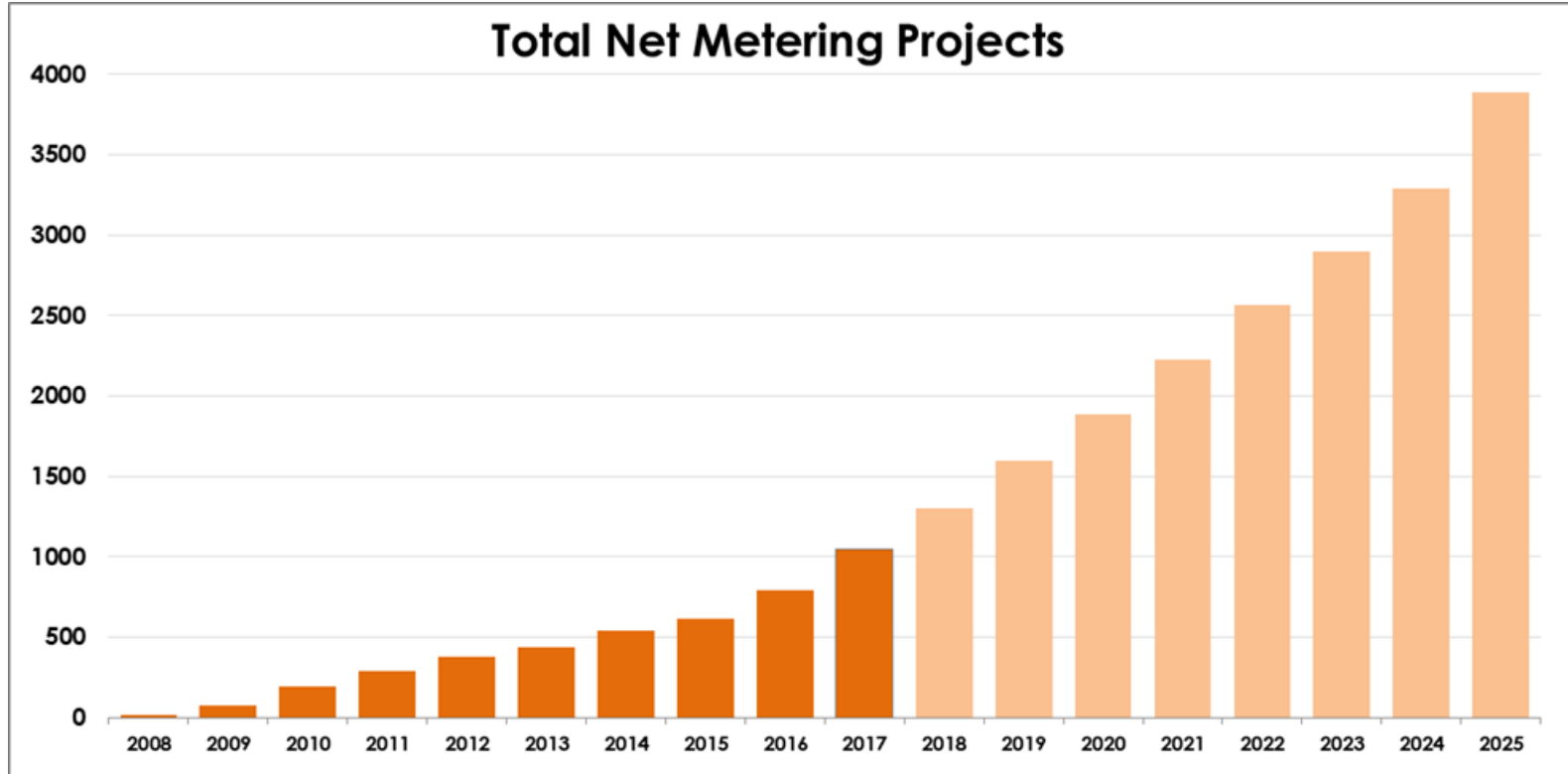
INCENTIVE PROGRAMS

Net Metering Program

- Net Metering is intended for customers that want to offset their own power consumption through self-generation.
- Power generated by the customer is netted against power consumed by the customer at a 1:1 ratio.
- Any net excess energy is carried forward for up to a year. Anniversary dates are set up to maximize the benefit for customers.
- SaskPower offers a rebate of 20% of system installation costs, up to \$20,000. The rebate program expires November 30, 2018



NET METERING FORECAST



Questions & Discussion

