



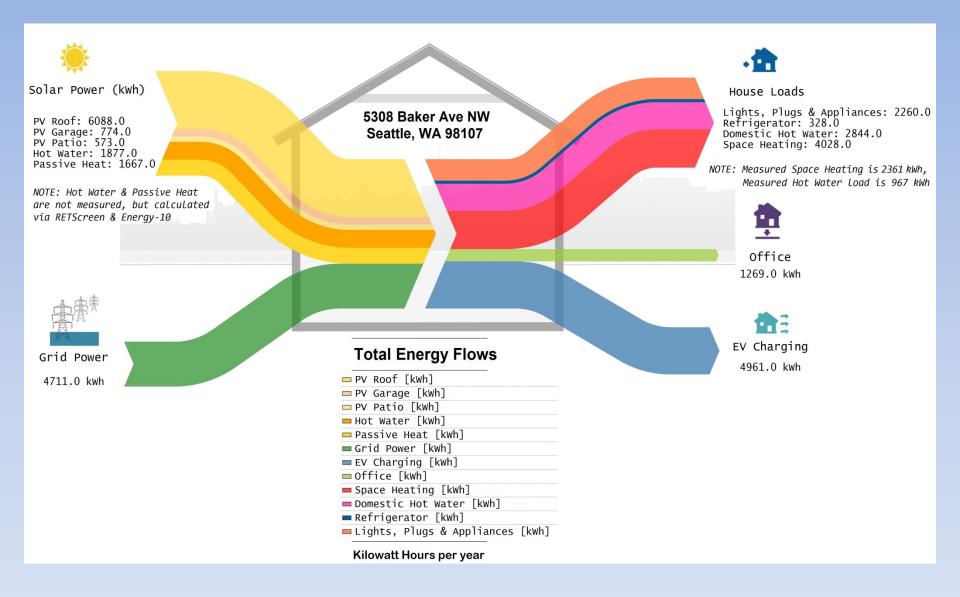


"I'm your worst nightmare"

Seattle Times, Sept. 6, 2014

# Jeremy Smithson, co-owner and CEO, Puget Sound Solar jeremy@pugetsoundsolar.com

- Founded company in 2001
- Installed first grid-connected residential PV in Seattle, 2001
- Since then, over 5.5 megawatts installed
- NABCEP certified PV Installer since 2004
- NABCEP certified Solar Thermal Installer since 2006
- Past Solar Washington Board Member
- Policy Director, Solar Installers of Washington since 2013
- Lives in a 107-year-old Net Zero Seattle house



For Tours, send request to: info@pugetsoundsolar.com







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## Shaping the Future



Renewables in Our Community

Benton PUD is proud of the investment we have made in renewables to ensure our community is sustainable for years to come.

Advanced Meter Information

Learn more about how our advanced meters result in improved system performance and efficiency.

Pacific Northwest Smart Grid **Demonstration Project** 

Benton PUD, led by Battelle, is partnering with the BPA and 11 other utilities in the region to test new technologies and capabilities of the electric grid.

## What's New

Benton PUD Expands Low Income Discounts

Benton PUD low income discounts were recently expanded to reach more customers. Qualified customers may now receive a 10%, 15% or 25% monthly discount based on their annual income and age or qualifying disability. Click here for an application or to learn more about the low income discounts.

## **Energy Savings**



Rebates for Weatherization and **HVAC** systems

Rebates for ENERGY STAR® appliances

Do-it-Yourself Home Energy Audit Use the checklist to make your home more energy efficient.

Appliance Cost Calculator Wondering how much power your television uses? Check this out!

Bill Calculator

Understand the costs associated with vour bill.

Kennewick Business Office Phone (509) 582-2175

Prosser Business Office Phone (509) 786-1841

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ABOUT THE PUD CUSTOMER SERVICE SAVE ENERGY RATES COMMISSION ENGINEERING PUD FIBER



PUBLIC UTILITY DISTRICT

A tree across power lines at 10700 North Shore Road west of Belfair has caused an outage for PUD 3 customers in the area. Homes between the 8000 and 14000 block of the North Shore Road are affected. We expect to have the tree removed and lines repaired by 2:00 AM.





## SYSTEM STATUS: LOCALIZED OUTAGE

The PUD 3 electrical system is experiencing a localized outage. Please unplug electronic devices and turn off electric heating systems to allow for faster restoration. Learn more about how you can help. (360) 432-1533

**PAY YOUR BILL** 

**OUTAGE INFO** 

WORK FOR PUD 3

CONTACT US

## How can I help you?

Do you want to pay your PUD 3 bill?

Do you want to start or stop your electrical service?

Do you want to report a power outage?

Do you need assistance paying your energy bill?

Do you want to donate to Project Share?

Do you want to make a records request?

Do you want to use the auditorium?

#### News

State Board Announces Public Investment for Economic Development Feasibility Study in Mason County

Mason PUD 3's Communications Efforts Rated Tops in Social Media & Annual Report Design

Higher Cost of Wholesale Electricity from Bonneville Power Administration Drives Mason PUD 3 Budget, Rates

Mason PUD 3 Customers on the Leading Edge of Solar Energy Program



Tweet to @PUD3



CUSTOMER SERVICE

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# REGISTER FOR COMMUNITY SOLAR

Invest in solar without the cost and hassle of installing it at home.

Learn Mon

## I Want To...



Save at Home



Get Parks & Recreation Info



Get An Electrical Permit



Outage & Safety

#### Tacoma Public Utilities

From Our Facebook Page

There's still room in this free workshop, "Ductless Heat Pump: Advantages & Incentives," at The EnviroHouse this Saturday. From 10:30 a.m. to noon, you'll learn how installing an efficient...

1 Oct



## Tacoma Public Utilities

Take a look at the newbies! These Tacoma Power line electrician apprentices just wrapped up two weeks of "climbing school," where they learned climbing and safety techniques, proper care of ...

30 Sep



Tacoma Public Utilities

23 Sep

#### **Tacoma Public Utilities**

3628 South 35th Street



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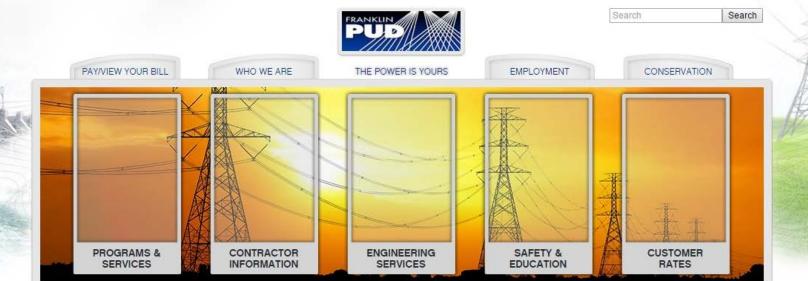
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Tacoma Rail Home Rail Customer Logir Rail Service Tracks Locomotives Environment Safety Partners



## **Upcoming EVENTS**

## COMMUNITY SOLAR

Franklin PUD Community Solar: See FAQ's, use our calculator and sign up for the lottery.

Regular Commission Meeting October 27, 2015 Franklin PUD Auditorium | 1:00 PM

## Latest NEWS

Read more...

#### 2015 Fish Facts

Read Public Power Council's compilation of relevant facts regarding the BPA ratepayer-funded effort to aid salmon and steelhead in the Columbia and Snake Rivers.

Read more...

## Phone Scam Warning

Franklin PUD continues to warn of telephone scams targeting utility customers. Franklin PUD customers have reported receiving collection calls from individuals claiming they work for Franklin PUD and the customer is past due on their electric bill. Customers are told that if they don't respond to a given phone number within a short period of time their electricity will be shut off.

Northwest River Partners 2015 Public

Read Our HOTLINE Newsletter

## PAY/VIEW YOUR BILL ONLINE

## **CONTACT US**



E: Franklin@Franklinpud.com

P: 509.547.5591

F: 509-547-4116

A: 1411 W. Clark Street Pasco, WA 99301

Monday - Friday 8:30am - 5:00pm

Department Directory

Report an Outage

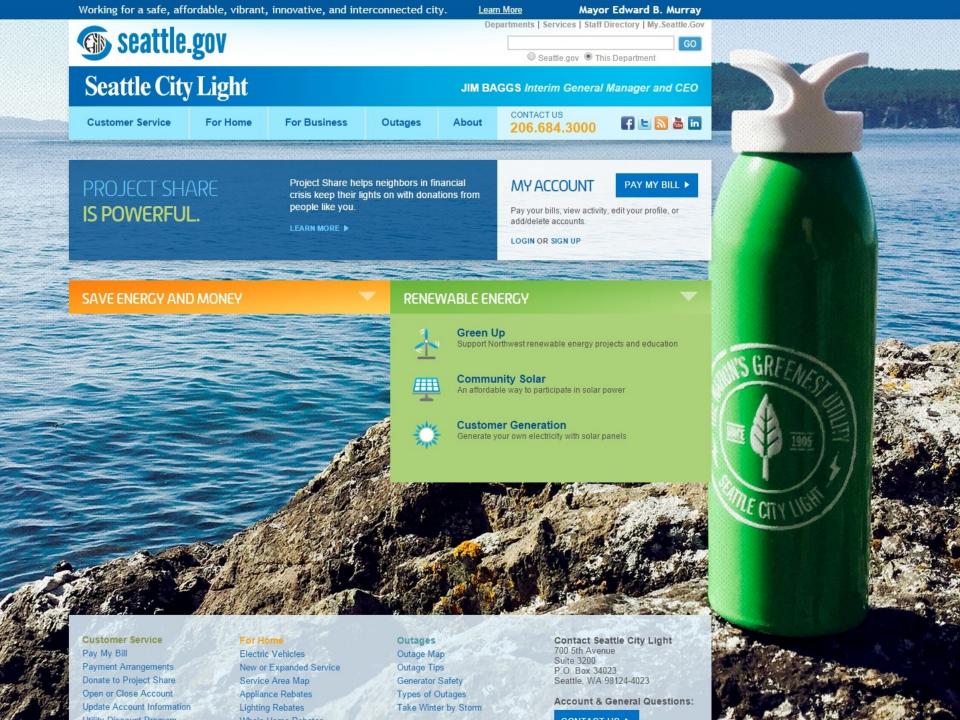
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## > MY ACCOUNT

Clark Public



Whether you choose online billing or prefer to keep your paper bill, MyAccount can help you monitor your energy use, see past bills and research ways to reduce your home energy consumption.

## > PAYMENT OPTIONS



Meters are read, and customers are billed, monthly. You can eliminate the seasonal ups and downs of your utility bill with Equal Pay, which divides your yearly bill into equal monthly payments.

Clark Public Utilities P.O. Box 8900, Vancouver, WA 98668 360-992-3000

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## Clean Energy Fund at Work

Over the last five years Commerce partner Craft3 has financed more than \$26 million in jobcreating renewable energy projects

## Recent News

### 10/02/2015

Issaguah Sports Medicine, Thurston Craft Brewing and Distilling are state's newest Innovation Partnership Zones

## 09/28/2015

Kim Justice named Director of state Office of Homeless Youth Prevention and Protection

#### 09/18/2015

State Board announces public investments for economic development feasibility studies in Chelan and Mason counties

### 09/03/2015

Inslee announces grant funding to assist communities with wildfire recovery

## 08/25/2015

Washington State receives \$747K SBA grant to boost small business exports



## Don't go cold this winter

Washington's Weatherization Assistance Program, in partnership with local utilities such as PSE, provides free energy-efficient improvements to houses, apartments and manufactured homes of eligible consumers.

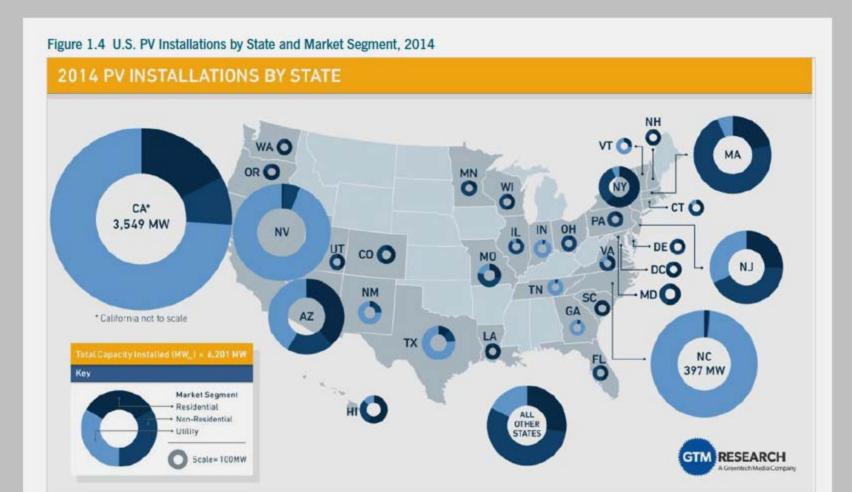
## **◆** I want to

- Find a grant or loan
- Find foreclosure assistance
- Get low income home energy assistance
- Access crime victim resources
- Access Growth Management Services
- Find business services
- Find rental assistance
- Export
- Learn about Pacific Tower
- Get Commerce emergency assistance
- Services for rural communities
- Services for small businesses





Puget Sound Solar



Complete dataset available in the full report

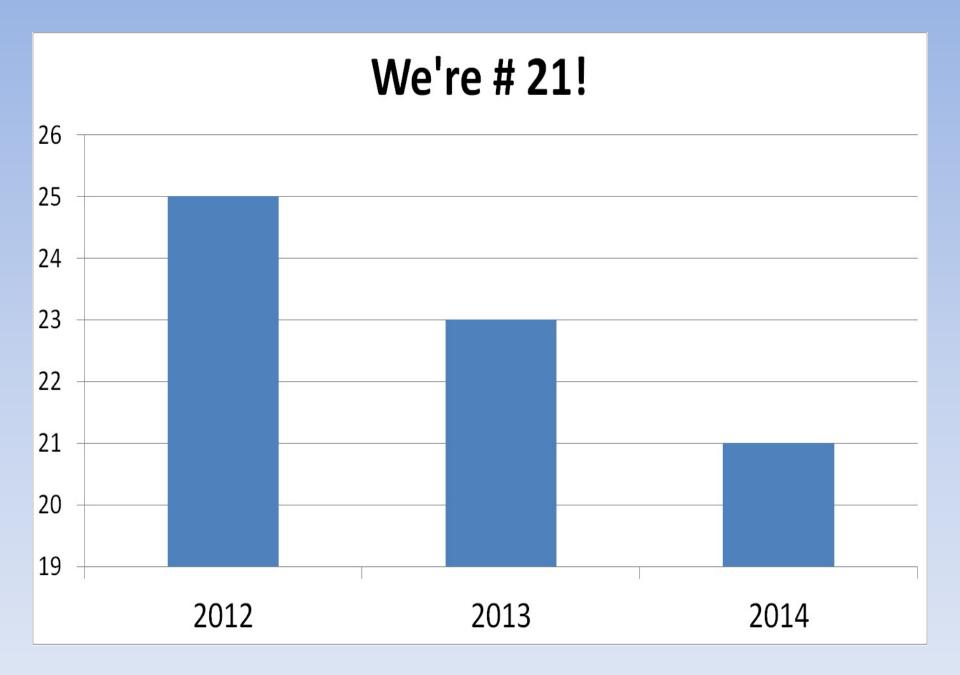




Figure 1.5 State Solar PV Installation Rankings, 2012-2014

State	Rank			Installations (MWdc)		
	2012	2013	2014	2012	2013	2014
California	1	1	1	1,046	2,621	3,549
North Carolina	6	3	2	124	335	397
Nevada	4	12	3	198	47	339
Massachusetts	5	4	4	134	240	308
Artzona	2	2	5	719	421	247
New Jersey	3	5	6	419	236	240
New York	10	9	7	63	72	147
Texas	12	8	8	51	75	129
Hawaii	7	6	9	109	144	107
New Mexico	18	13	10	24	45	88
Missouri	23	17	11			
Maryland	8	16	12			
Colorado	9	10	13			
Indiana	31	11	14			
Tennessee	14	19	15			
Georgia	22	7	16			
Connecticut	21	15	17			
Vermont	20	21	18			
Florida	17	18	19			
Ohlo	16	20	20	Underlying Data Available in the Full Report		
Washington	25	23	21			
Utah	29	29	22			
Pennsylvania	11	14	23			
Oregon	15	24	24			
Delaware	19	22	25			
Illinois	13	32	26			
Minnesota	24	25	27			
Virginia	31	26	28			
New Hampshire	26	31	29			
Washington, D.C.	27	30	30			
Wisconsin	28	28	31			
South Carolina	30	27	32			





## **STATE SOLAR JOBS**



## WASHINGTON 2,400 SOLAR JOBS





TOP 3 SOLAR

- **MANUFACTURING**
- **INSTALLATION**
- **SALES & DISTRIBUTION**

SOLAR JOBS RANK (2013 RANK): 17 (21)

CHANGE IN SOLAR JOBS SINCE 2013:400\*

SOLAR JOBS PER CAPITA RANK (2013 RANK): 22 (30)

SOLAR JOBS PERCENTAGE OF STATE EMPLOYMENT RANK: 21

TOTAL SOLAR COMPANIES: 128

2010-2014 SOLAR PATENTS RANK: 17

MAXIMUM SOLAR RESOURCE RANK: 18 (5.55 kWh/m²/day)

NUMBER OF HOMES POWERED BY SOLAR (RANK): 5950 (28)

ELECTRICITY PRICE RANK (MOST EXPENSIVE): 51

Solar employment data as of: November 2014

thesolarfoundation.org

# SOME MANUFACTURERS THAT HAVE DISAPPEARED OR HAVE EXITED THE SOLAR BUSINESS:

















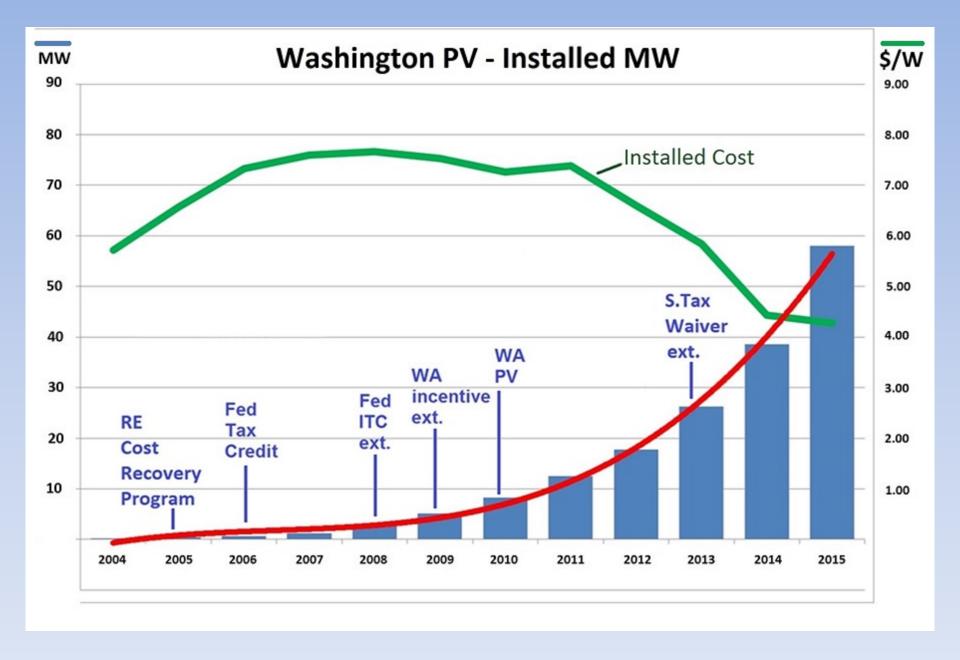


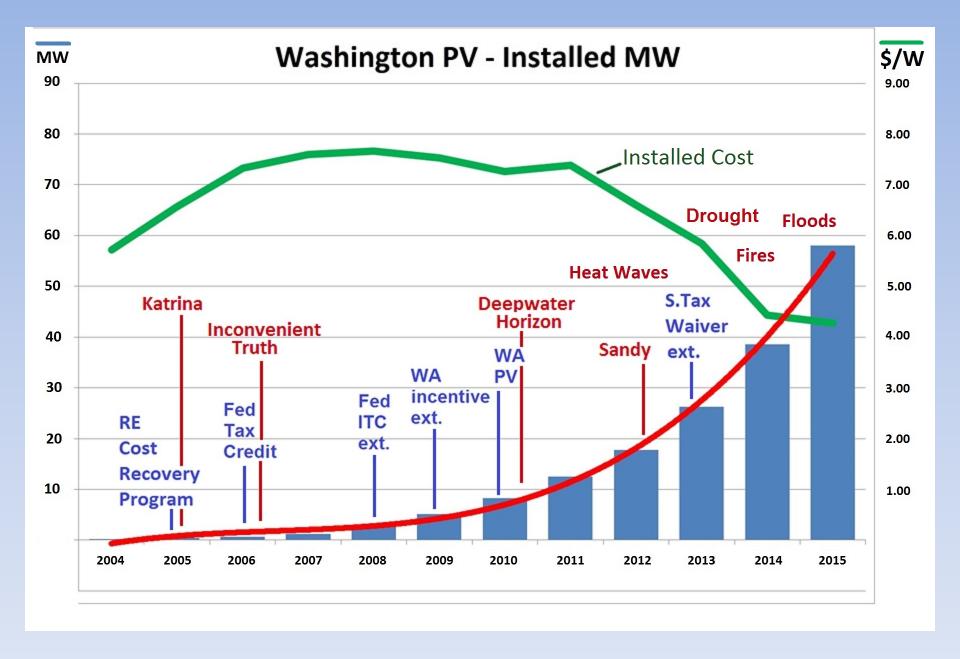






**Puget Sound Solar** 



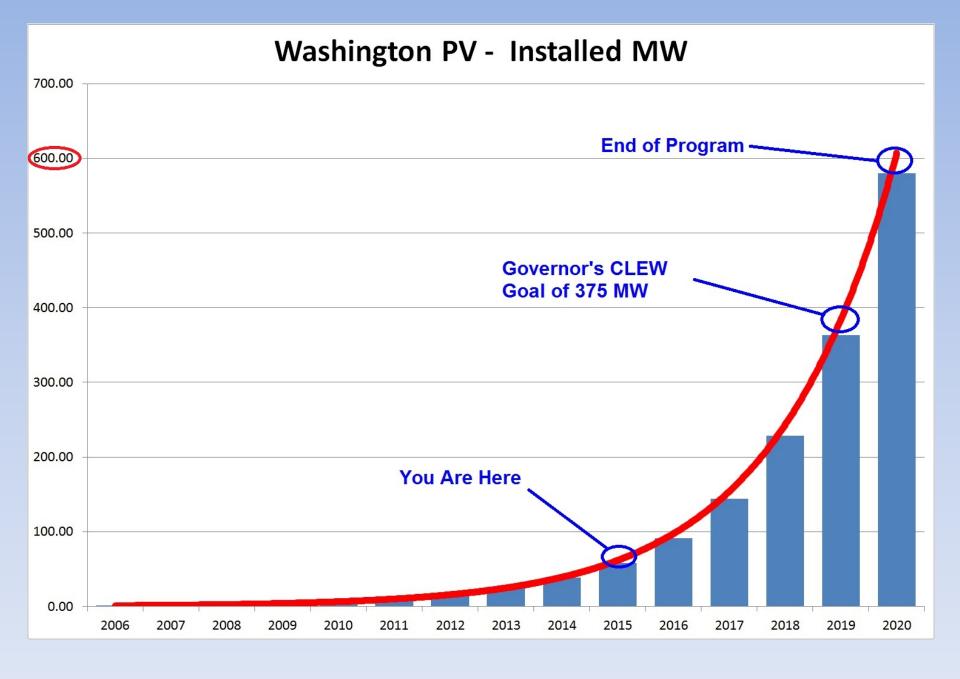






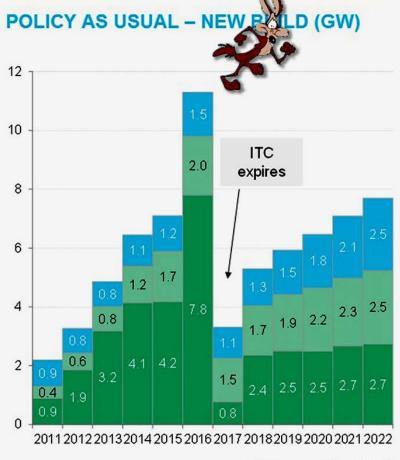
7,500 Seattle homes 210,540,000 miles of EV driving 86,500 tons of carbon offset

(fill in the blank)

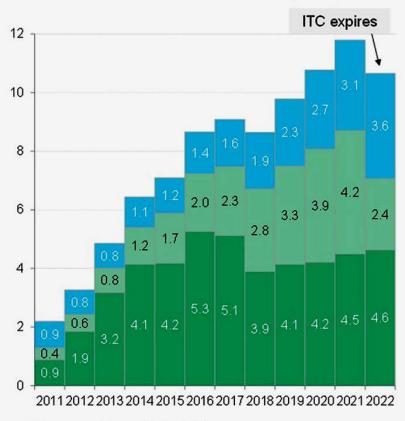


## THE IMPACT OF THE ITC EXTENSION ON US SOLAR





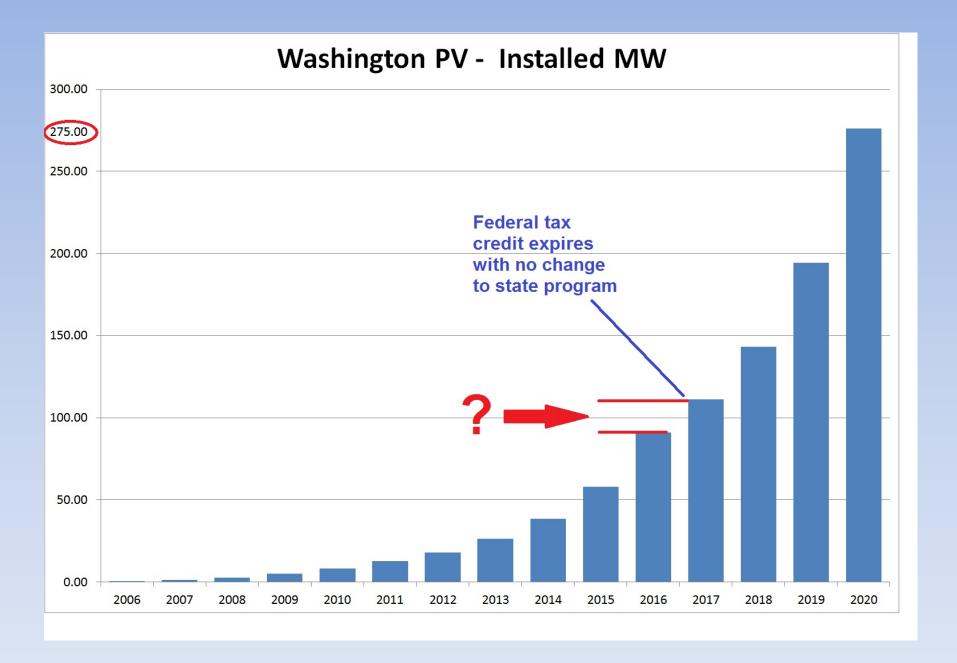
## ITC EXTENSION - NEW BUILD (GW)



■ Utility ■ Residential ■ Commercial and industrial

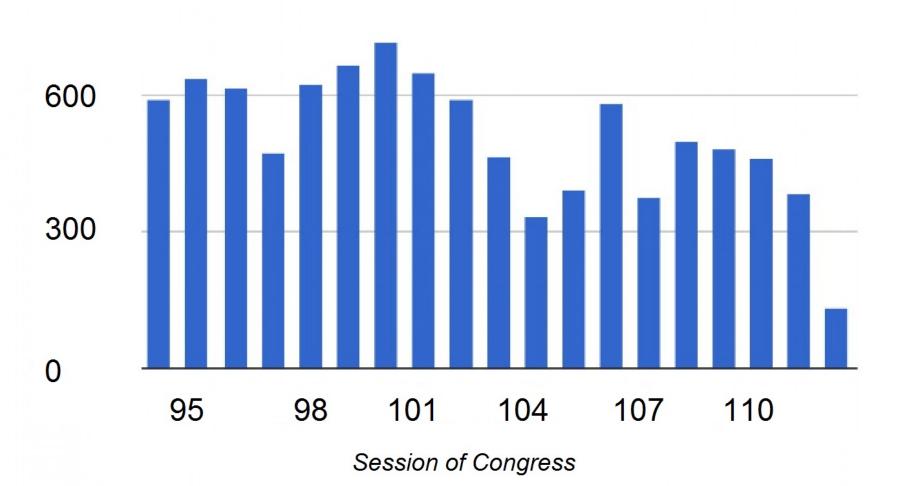
Notes: 'ITC extension' scenario considers a 5-yr extension to both the personal and business investment tax credits, and 'commence construction' language added to the business credit.

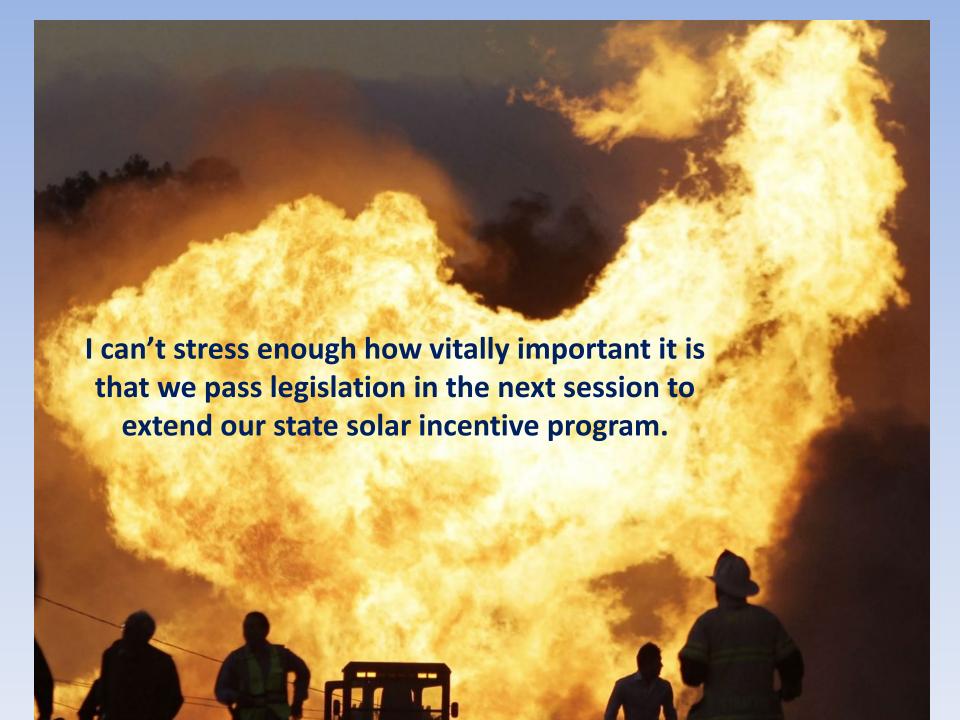
Source: Bloomberg New Energy Finance, EIA 826, 860 and 861



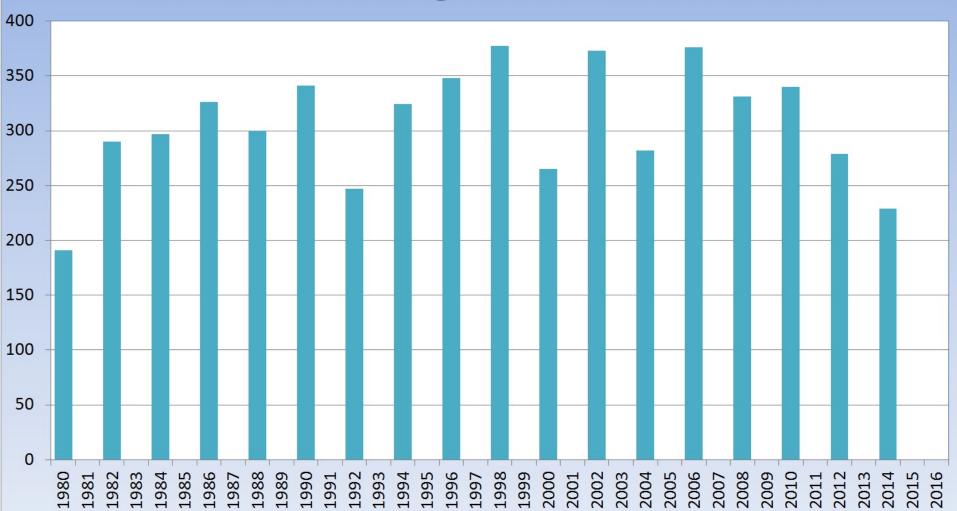
# Bills Passed U.S. Congress







# **Bills Passed WA Legislature - Short Session**



## **Bills Passed WA Legislature - Short Session**

