

Chelan PUD Distribution System
Resource Summary ~ Energy aMW and Capacity MW (3)
Post 2012

Project	Energy, total projects		Retained share	Energy, Chelan share (1)	
	Average	90% confidence		Average	90% confidence
Rocky Reach	689	544	50%	306	242
Rock Island	327	264	50%	163	132
Lake Chelan	47	38	100%	47	38
9 Canyon	2	2	100%	2	2
	<u>1,065</u>	<u>847</u>		<u>519</u>	<u>413</u>

Project	Capacity, total projects		Retained share	Capacity, Chelan share (1)	
	Name plate	Capacity reduced (2)		Name plate	Capacity reduced (2)
Rocky Reach	1,300	1,175	50%	578	522
Rock Island	624	573	50%	312	287
Lake Chelan	48	24	100%	48	24
9 Canyon	0	0	100%	0	0
	<u>1,972</u>	<u>1,772</u>		<u>938</u>	<u>833</u>

Footnotes

- (1) Net of Douglas PUD 5.54% of Rocky Reach
- (2) Capacity reduced: based on one unit out at all projects at the same time
- (3) Read in conjunction with Load Resource Balance Projections to 2032 presentation 3.13.07
- (4) Energy is net of encroachments and Canadian Entitlement Allocation returns

Chelan PUD
Future Surplus Scenarios
Post 2012 examples

Assumptions

Resources average	519	aMW
Resources 90% confidence	413	aMW
Market price	\$ 60.00	\$2007 real

	Load, aMW	Net surplus average resources, aMW	Net surplus, \$M	Net surplus resources 90% confidence , aMW	Net surplus, \$M
Load scenarios, year 2013					
A Base	220	299	\$ 157	193	\$ 102
B Stress	231	288	\$ 151	182	\$ 96
C Bigger Stress	266	253	\$ 133	147	\$ 77
D Lower	208	311	\$ 163	205	\$ 108

Load scenarios, year 2017

A Base	243	276	\$ 145	170	\$ 89
B Stress	260	259	\$ 136	153	\$ 80
C Bigger Stress	304	215	\$ 113	109	\$ 57
D Lower	220	299	\$ 157	193	\$ 102

Notes

- (1) Read in conjunction with Resource Summary table attached and Load Resource Balance Projections to 2032 presentation 3.13.07
- (2) Market price is assumed realized price from sales, including seasonal variability
- (3) Assumes no price volatility
- (4) Hydro cost of power not included

Chelan PUD
Future Surplus Scenarios
Post 2012 examples

Net of power costs

	\$real
Market	\$ 60.00
Hydro power cost	<u>\$ 20.00</u>
	\$ 40.00

Assumptions

Resources average	519 aMW
Resources 90% confidence	413 aMW

Market less power cost	\$ 40.00	\$2007 real
------------------------	----------	-------------

	Load, aMW	Net surplus average resources, aMW	Net surplus, \$M	Net surplus resources 90% confidence, aMW	Net surplus, \$M
Load scenarios, year 2013					
A Base	220	299	\$ 105	193	\$ 68
B Stress	231	288	\$ 101	182	\$ 64
C Bigger Stress	266	253	\$ 89	147	\$ 52
D Lower	208	311	\$ 109	205	\$ 72
Load scenarios, year 2017					
A Base	243	276	\$ 97	170	\$ 60
B Stress	260	259	\$ 91	153	\$ 54
C Bigger Stress	304	215	\$ 75	109	\$ 38
D Lower	220	299	\$ 105	193	\$ 68

Notes

- (1) Read in conjunction with Resource Summary table attached and Load Resource Balance Projections to 2032 presentation 3.13.07
- (2) Market price is assumed realized price from sales, including seasonal variability
- (3) Assumes no price volatility