

Load Growth Scenarios Chart

Scenario 1 has high load growth, strong hydro production, and medium fuel prices. This scenario tends to favor combustion turbines and cogeneration.

Scenario 2 shows power consumption dropping over the 20 year period, after initial increases. This scenario is somewhat similar to what occurred from the 1970s through 1980s in the Northwest.

Scenario 3 has strong load growth, low hydro power production, and low fuel costs. This scenario tends to favor a mix of renewable resources, cogeneration, and combustion turbines.

Scenario 1

Year	Load	Hydro	Fuel Cost
1	3800		
2	3900	2000	Medium
3	4100	3000	Medium
4	4200	3000	High
5	4300	6000	Low
6	4500	3000	Low
7	4700	2000	Medium
8	4900	2000	Low
9	5000	2000	Medium
10	4800	2000	Medium
11	4600	6000	Low
12	4700	3000	Low
13	4800	3000	Medium
14	5000	6000	High
15	5100	6000	Medium
16	5200	3000	Low
17	5400	3000	Medium
18	5500	2000	High
19	5700	3000	Medium
20	5800	2000	Medium

Scenario 2

Year	Load	Hydro	Fuel Cost
1	3800		
2	4000	6000	Low
3	4200	3000	Medium
4	4300	3000	High
5	4400	2000	High
6	4500	3000	High
7	4300	2000	Medium
8	4400	3000	Low
9	4200	3000	Low
10	4000	3000	Medium
11	4100	6000	Low
12	3900	3000	High
13	3700	2000	High
14	3500	6000	Medium
15	3300	3000	Low
16	3400	2000	Medium
17	3500	2000	Medium
18	3600	2000	Low
19	3700	3000	Medium
20	3500	3000	High

Scenario 3

Year	Load	Hydro	Fuel Cost
1	3800		
2	3600	3000	Medium
3	3700	3000	Low
4	3800	3000	Medium
5	4000	3000	Medium
6	4100	3000	Medium
7	4300	2000	Low
8	4500	6000	Low
9	4600	3000	Low
10	4700	2000	Low
11	4800	3000	Medium
12	4600	3000	Medium
13	4700	3000	Low
14	4800	3000	Medium
15	4900	2000	Low
16	5000	3000	Low
17	5200	3000	Low
18	5300	3000	Medium
19	5400	3000	Medium
20	5500	2000	Medium

Load Growth Scenarios Chart

Scenario 4 is a low overall load growth scenario with low hydro production and average fuel costs. Few resource purchases will be needed in this scenario.

Scenario 5 has medium high loads, with low fuel prices and average hydro power production. This scenario favors cogeneration and Combustion Turbine resource additions.

Scenario 6 shows very high load growth, strong hydro power production, and relatively high fuel costs. This scenario favors conservation and renewable resources.

Scenario 4

Year	Load	Hydro	Fuel Cost
1	3800		
2	3600	2000	Medium
3	3700	3000	High
4	3900	2000	Medium
5	4000	3000	High
6	4200	3000	High
7	4400	3000	High
8	4500	3000	Medium
9	4000	0000	Medium
10	4400	3000	Low
11	4200	3000	Medium
12	4300	3000	Medium
13	4400	3000	Low
14	4500	2000	Medium
15	4600	3000	Medium
16	4700	3000	Low
17	4800	2000	Low
18	4600	2000	Medium
19	4700	2000	Low
20	4500	2000	Low

Scenario 5

Year	Load	Hydro	Fuel Cost
1	3800		
2	4000	3000	Low
3	4100	3000	Medium
4	4200	3000	Medium
5	4400	3000	Low
6	4600	3000	Medium
7	4800	6000	Low
8	4900	3000	Low
9	4700	2000	Medium
10	4500	2000	High
11	4600	3000	Medium
12	4700	3000	Low
13	4900	3000	Low
14	5100	3000	Low
15	5300	3000	High
16	5100	3000	High
17	5200	3000	Medium
18	5300	3000	Low
19	5400	3000	Medium
20	5500	3000	Low

Scenario 6

Year	Load	Hydro	Fuel Cost
1	3800		
2	3900	3000	Low
3	4000	2000	Medium
4	4100	3000	High
5	4200	3000	Medium
6	4400	3000	Medium
7	4600	3000	Medium
8	4700	3000	Medium
9	4000	3000	High
10	5000	6000	Low
11	5100	3000	Medium
12	5200	2000	Medium
13	5300	3000	Medium
14	5500	3000	High
15	5700	3000	High
16	5800	3000	High
17	5900	6000	High
18	6000	3000	High
19	6100	6000	High
20	6300	2000	Medium