

Volume 2

Chapter 7

PowerSimm and Technical Descriptions

1) Example of Resource Selection Process:..... 1

2) Capacity Expansion Area Charts:

Frame CT.....	1
High Load.....	1
Low Load	1
Double Wind and Solar	1
Triple Wind and Solar	1
RPS Compliance.....	1

3) Net Position Reports Around the Clock (ATC):

ATC Current + Market	1 to 20
ATC Economically Optimal Portfolio	1 to 20
ATC Frame CT.....	1 to 20
ATC High Load.....	1 to 20
ATC Low Load	1 to 20
ATC High Carbon	1 to 20
ATC Low Carbon	1 to 20
ATC High Gas	1 to 20
ATC Double Wind and Solar	1 to 30
ATC Triple Wind and Solar	1 to 30
ATC RPS Compliance.....	1 to 20

4) Net Position Reports Heavy Load (HL):

HL Current + Market.....	1 to 20
HL Economically Optimal Portfolio.....	1 to 20
HL Frame CT	1 to 20
HL High Load	1 to 20
HL Low Load.....	1 to 20
HL High Carbon.....	1 to 20
HL Low Carbon.....	1 to 20
HL High Gas	1 to 20
HL Double Wind and Solar.....	1 to 30
HL Triple Wind and Solar	1 to 30
HL RPS Compliance	1 to 20

5) Net Position Reports Light Load (LL):

LL Current + Market	1 to 20
LL Economically Optimal Portfolio.....	1 to 20
LL Frame CT.....	1 to 20
LL High Load.....	1 to 20
LL Low Load.....	1 to 20
LL High Carbon	1 to 20
LL Low Carbon	1 to 20
LL High Gas.....	1 to 20
LL Double Wind and Solar	1 to 30
LL Triple Wind and Solar	1 to 30
LL RPS Compliance.....	1 to 20

6) Generating Stations Reports:

Current + Market	1 to 36
Economically Optimal Portfolio.....	1 to 72
Frame CT.....	1 to 72
High Load.....	1 to 84
Low Load	1 to 84

High Carbon	1 to 72
Low Carbon.....	1 to 72
High Gas.....	1 to 72
Double Wind and Solar	1 to 120
Triple Wind and Solar	1 to 108
RPS Compliance.....	1 to 72
 7) Supply Cost Report	 1 to 15
 8) Methods to Model and Calculate Capacity Contributions of Variable Generation for Resource Adequacy Planning	 1 to 63
 9) Discussion of Models Used in 2015 Plan	 1 to 8