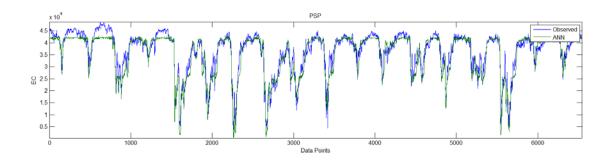
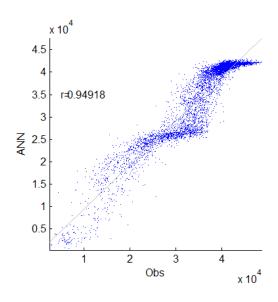
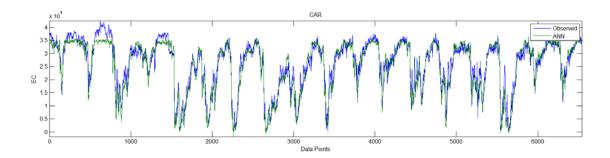
APPENDIX D TRAINING RESULTS

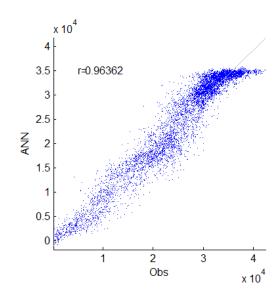
MODEL 1

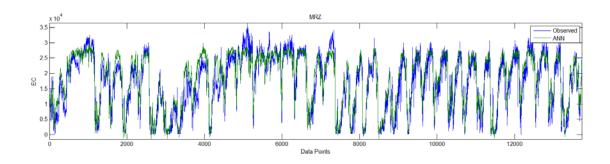
1 Flow

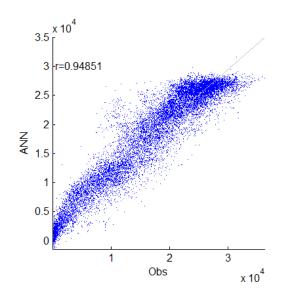


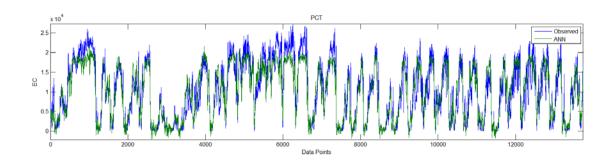


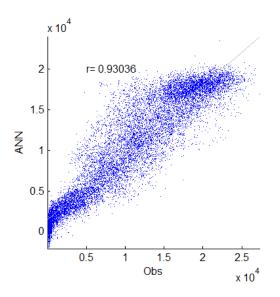


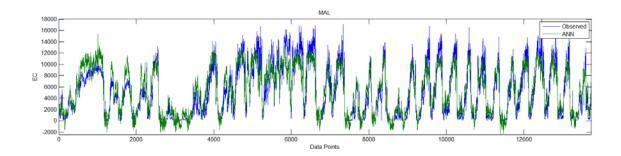


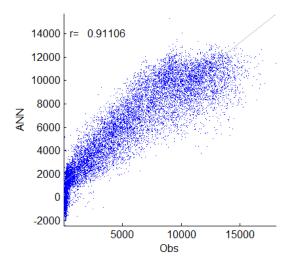


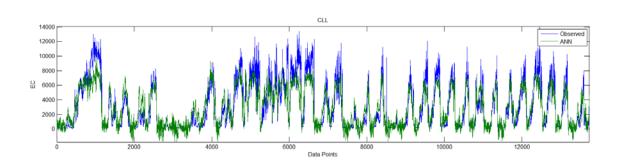


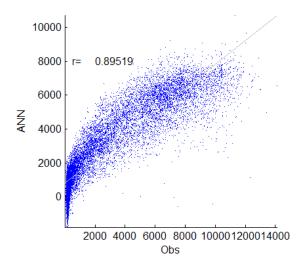


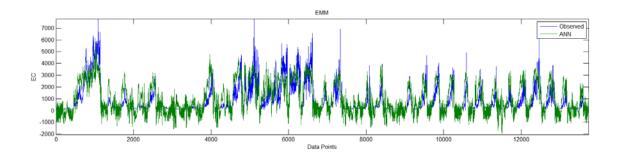


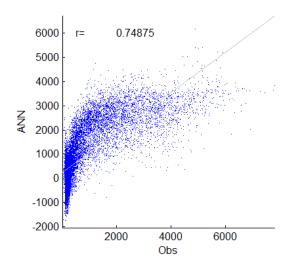




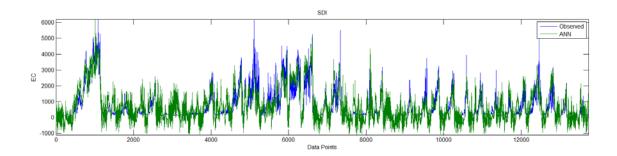


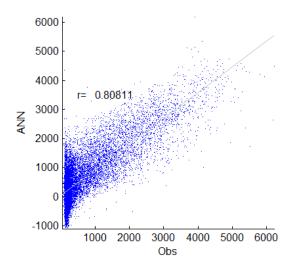


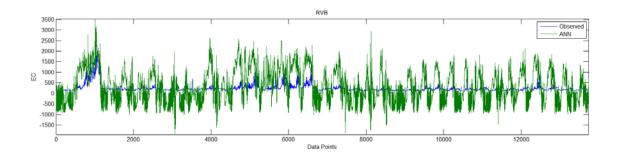


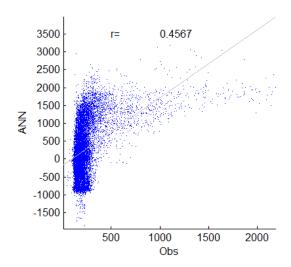


Appendix D Tetra Tech, Inc.

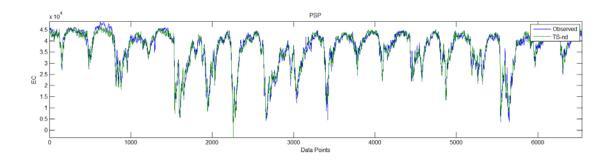




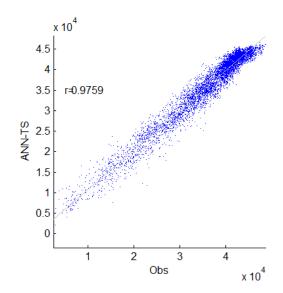


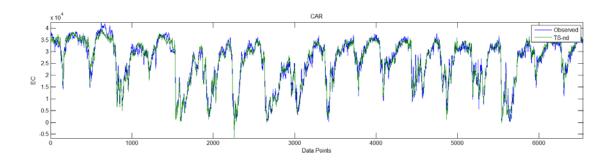


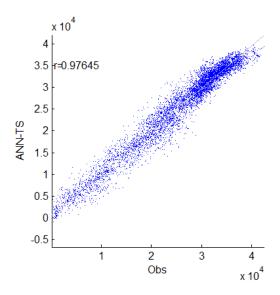
MODEL 2
2 Flow

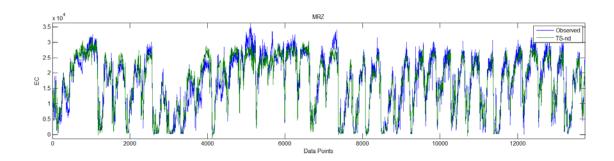


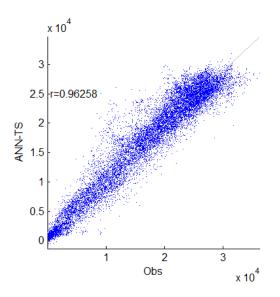
Tetra Tech, Inc.

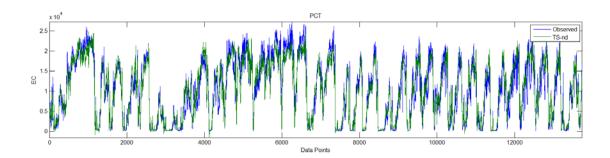


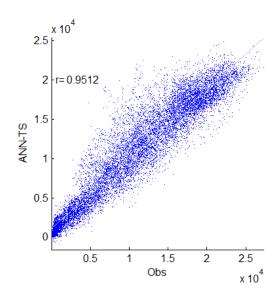


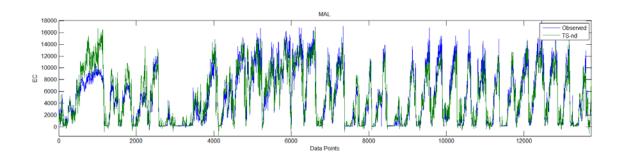


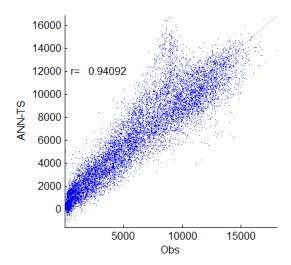


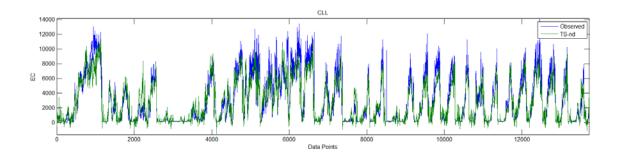


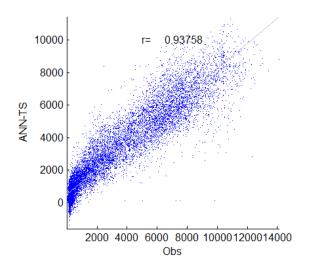


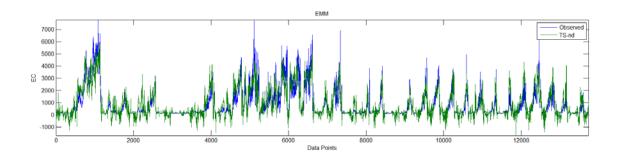




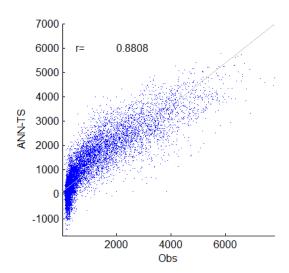


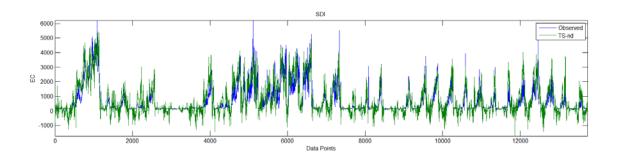


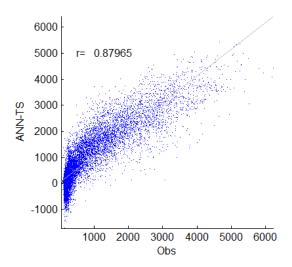


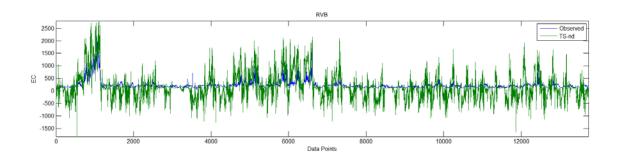


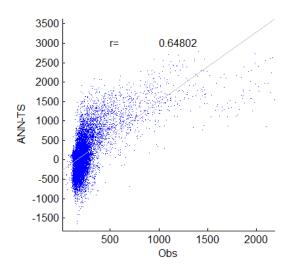
Tetra Tech, Inc.





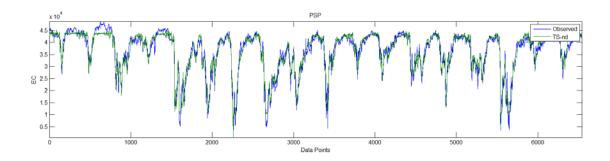


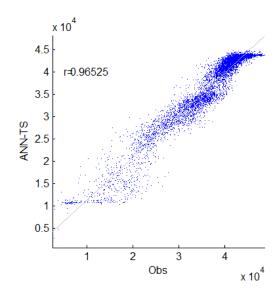


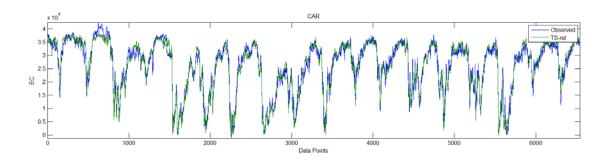


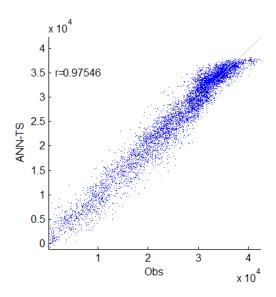
Appendix D Tetra Tech, Inc.

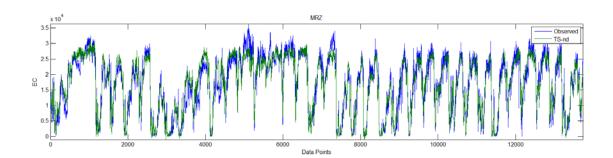
Model 3
2 Flows, Qwest residual

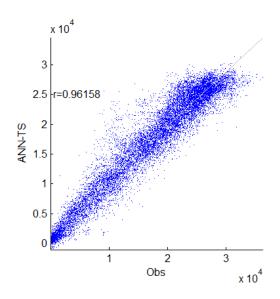


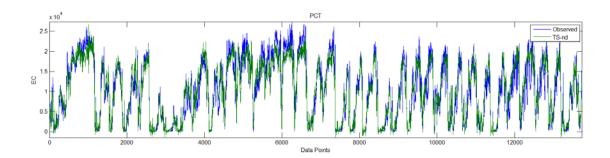


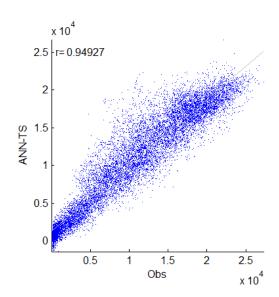


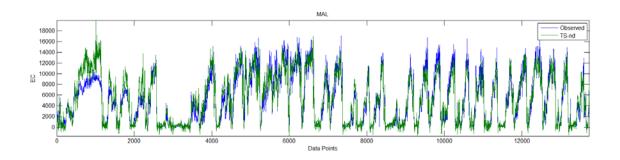


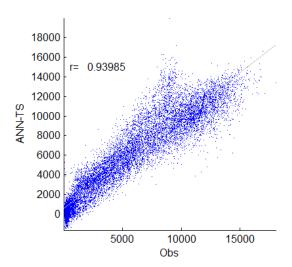


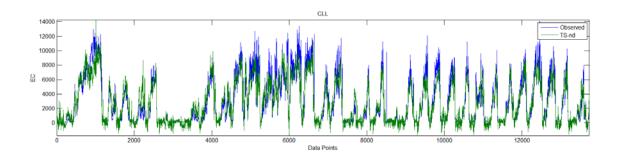


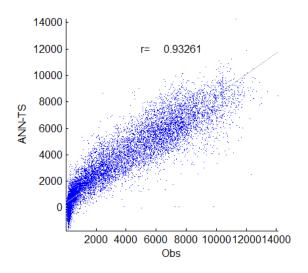


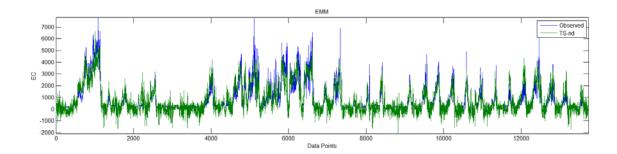


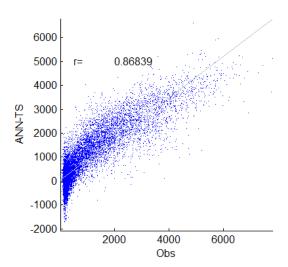


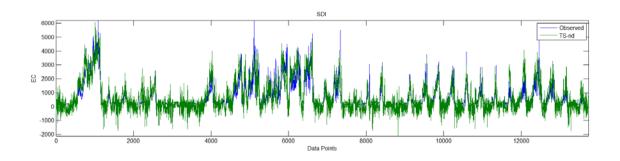


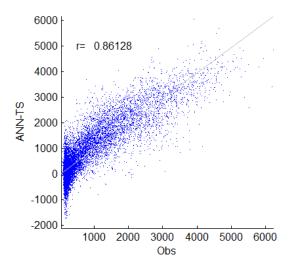


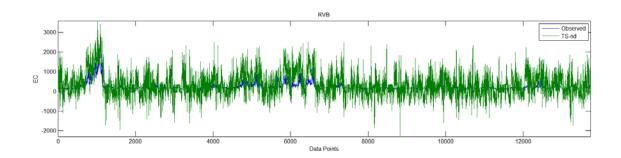


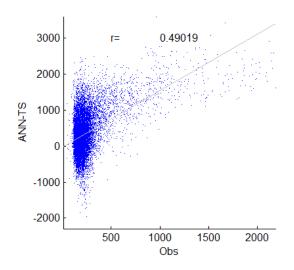




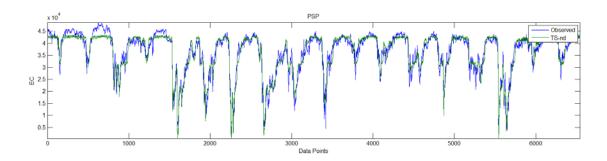


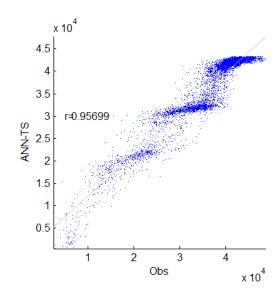


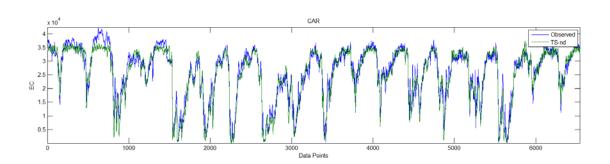


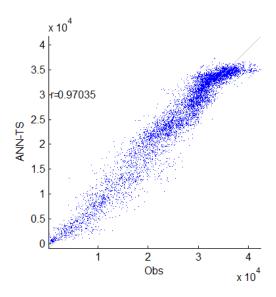


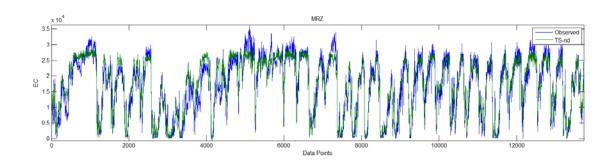
MODEL 4 3 tides

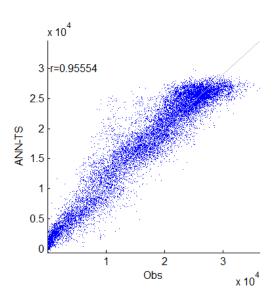


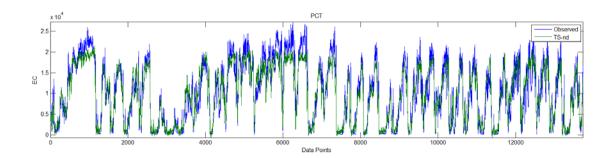


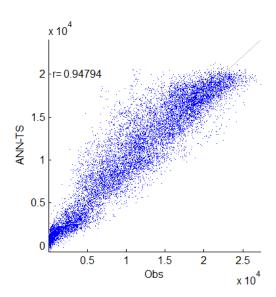


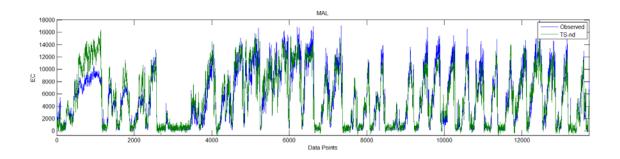


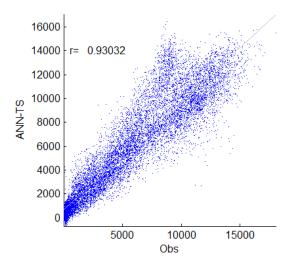


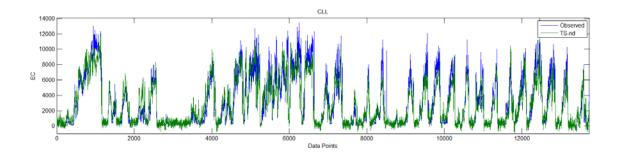


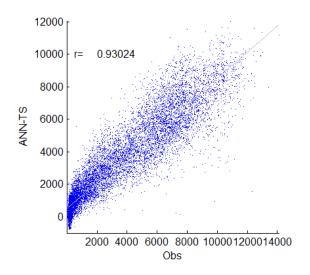


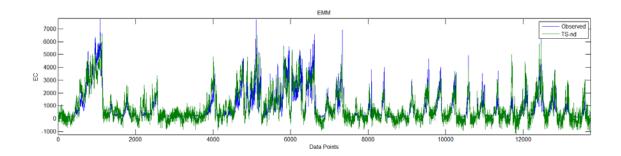


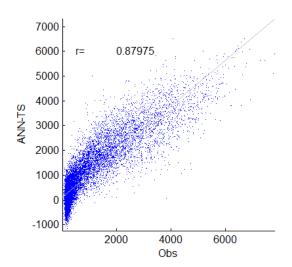


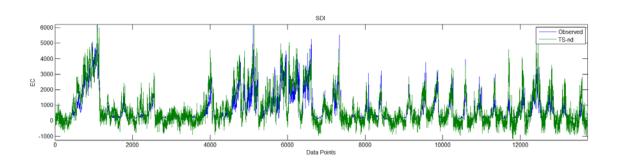


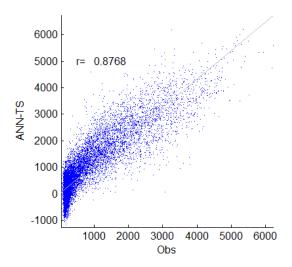


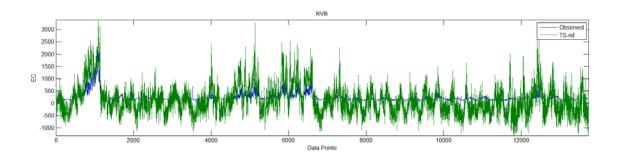


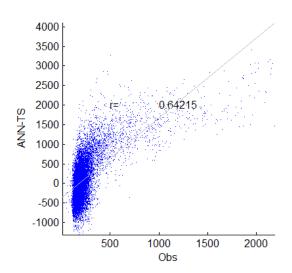




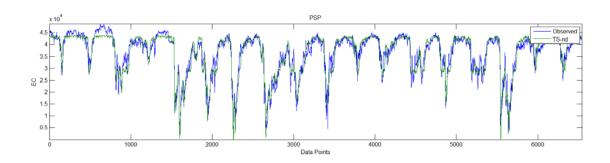


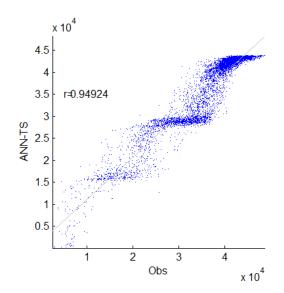


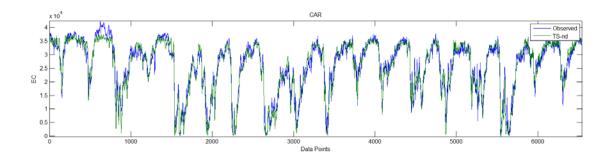


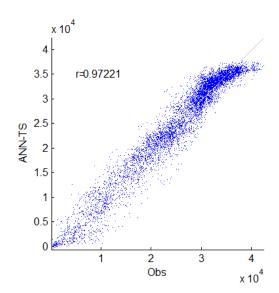


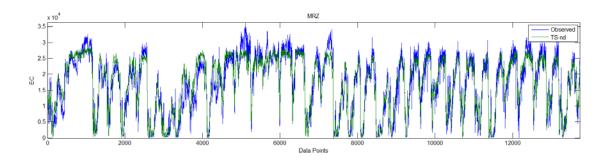
Model 5 2 Tide

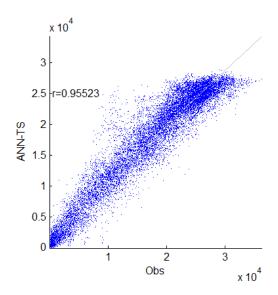


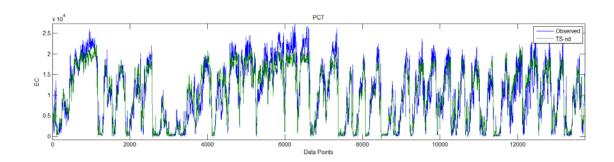


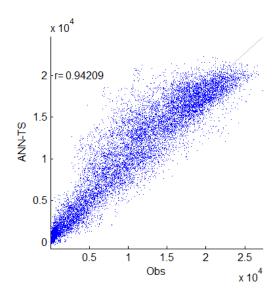


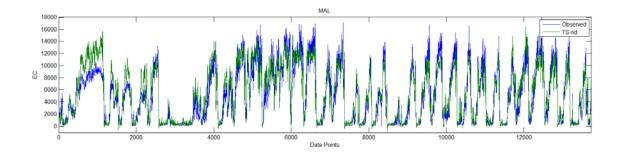


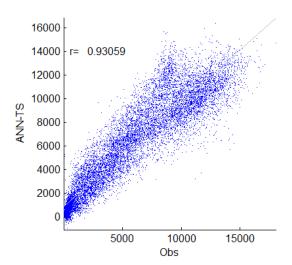


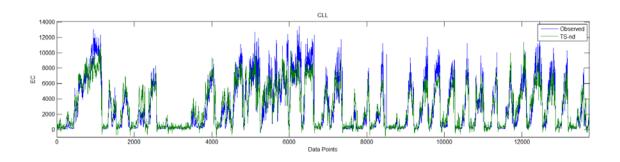


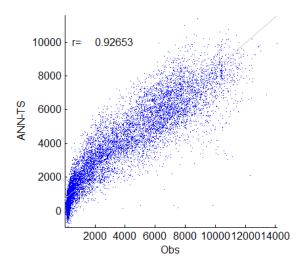


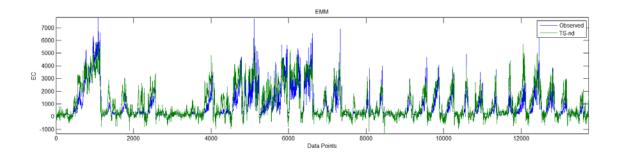


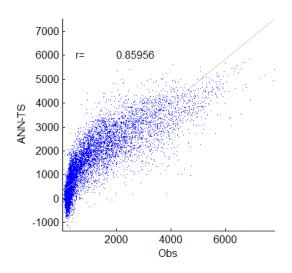


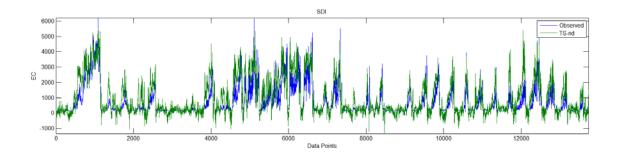


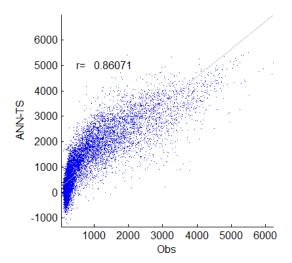


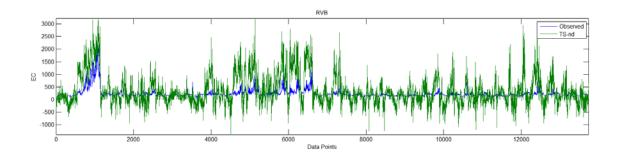


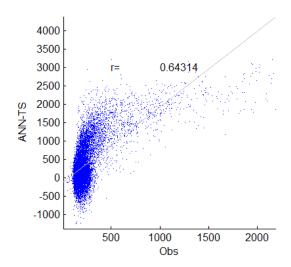




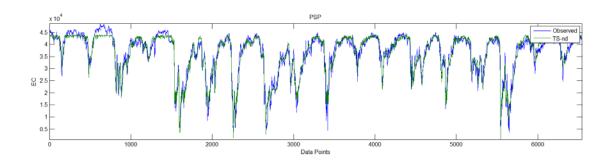


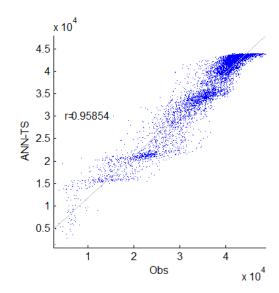


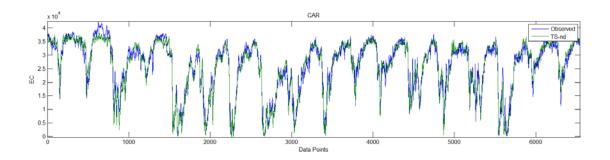


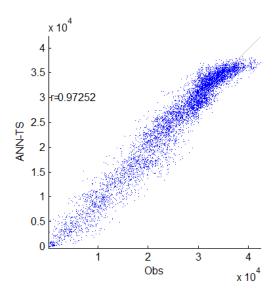


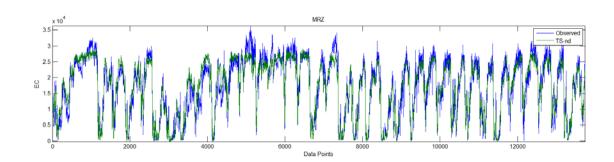
MODEL 6 1 Tide

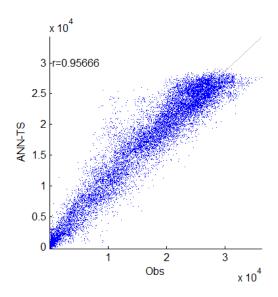


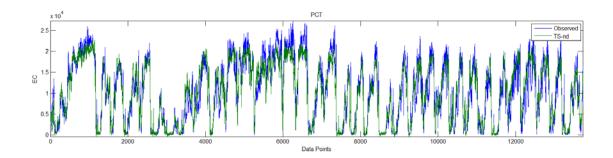


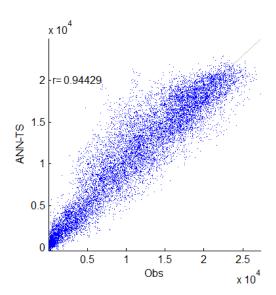


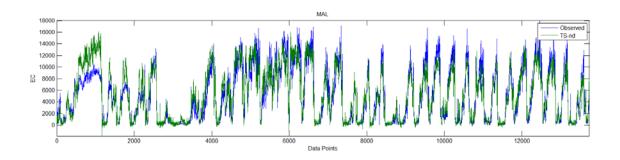


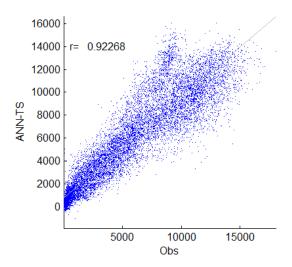


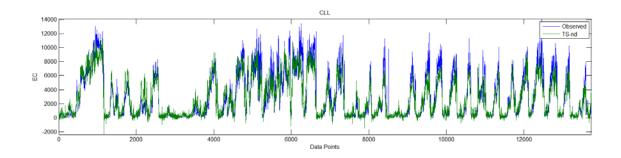


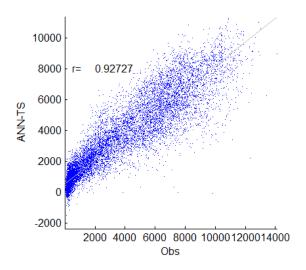


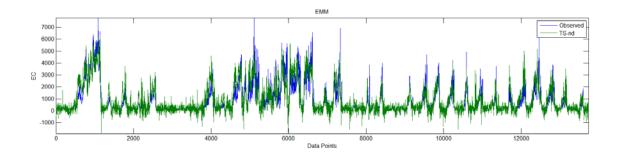


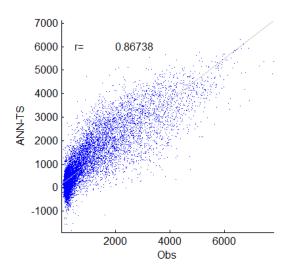


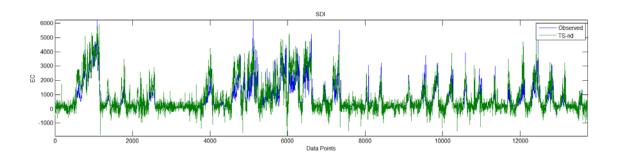


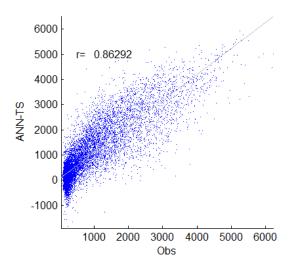


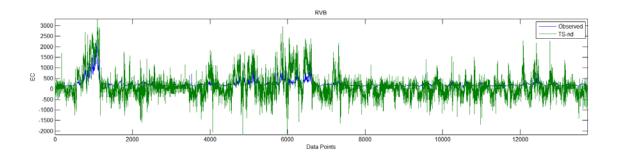


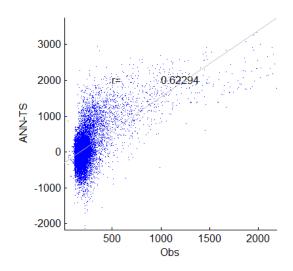




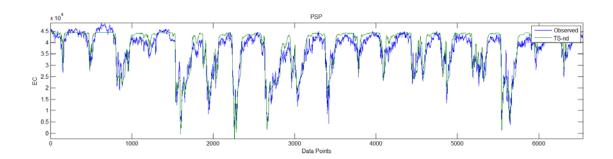


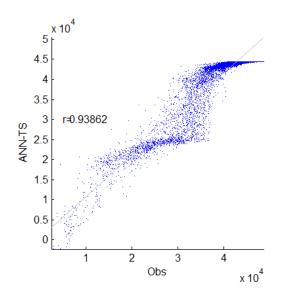


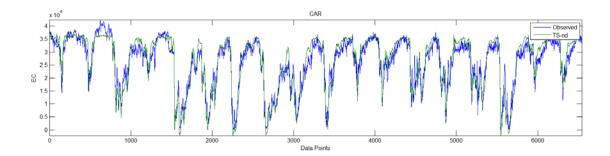


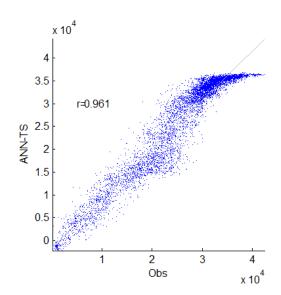


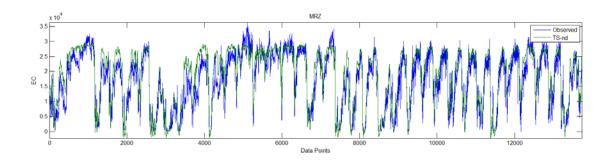
Model 7
No Tide

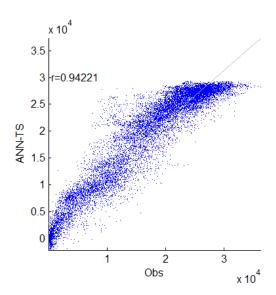


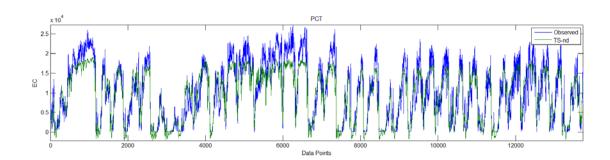


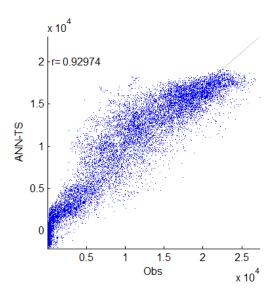


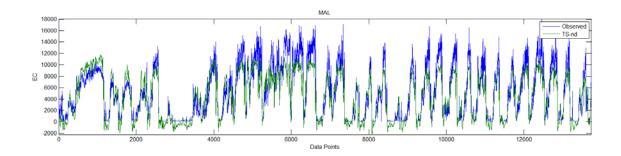


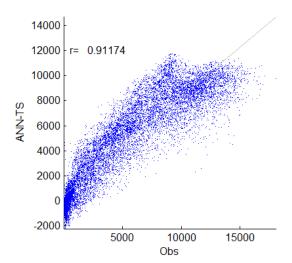


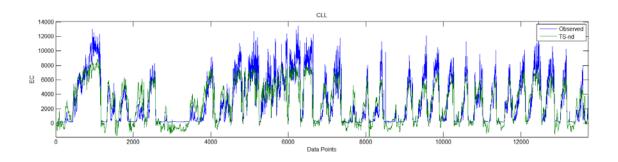


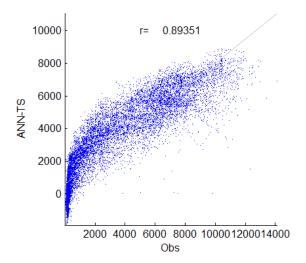


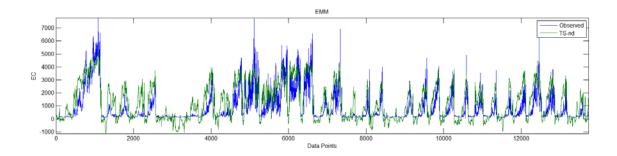


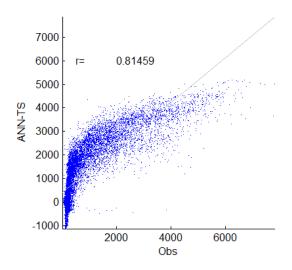


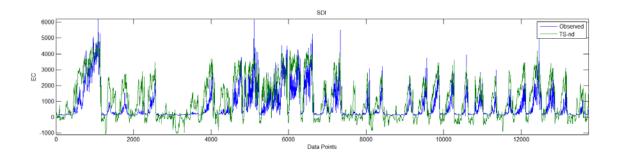


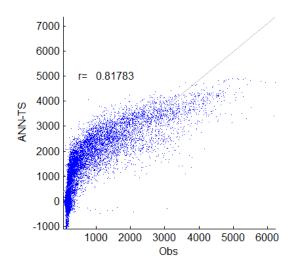


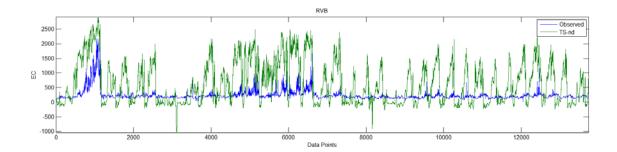


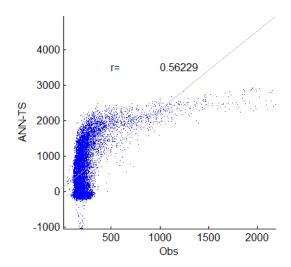




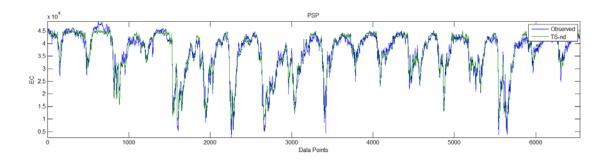


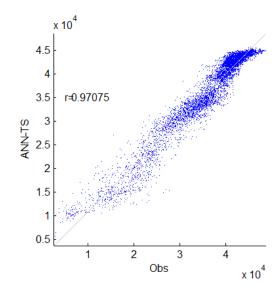


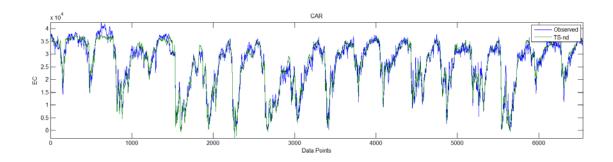


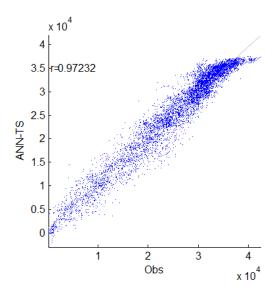


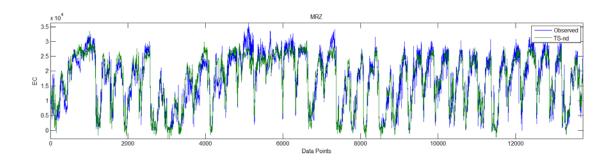
MODEL 8
Actual Tide at Golden Gate (MSL)

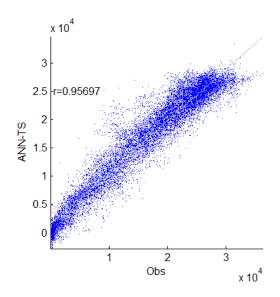


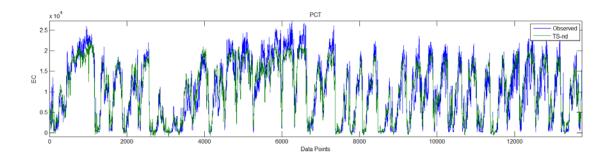


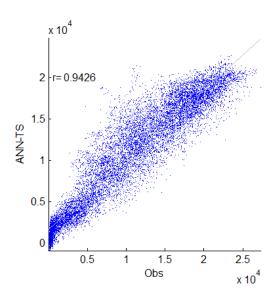


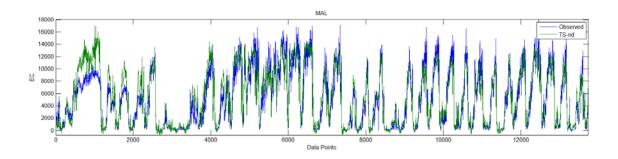


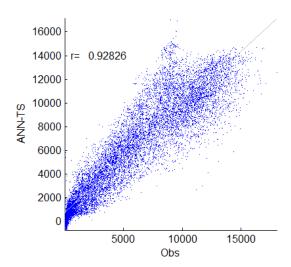


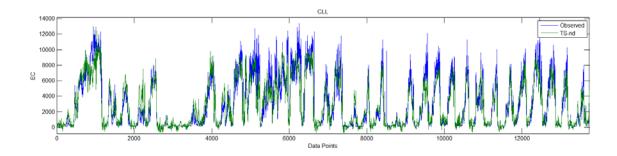


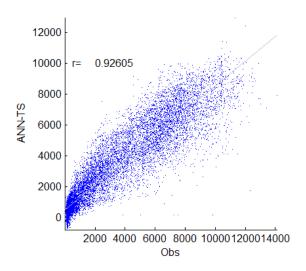


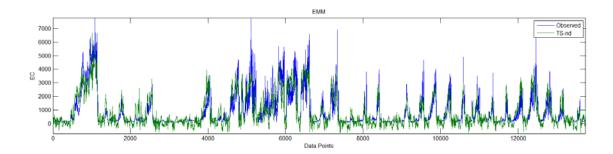


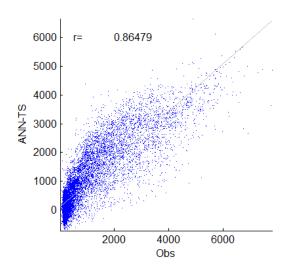


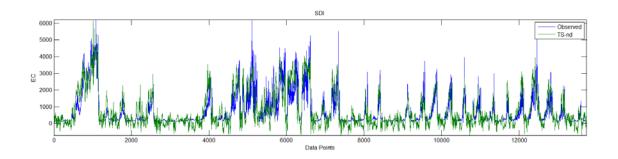


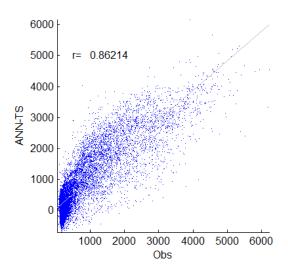


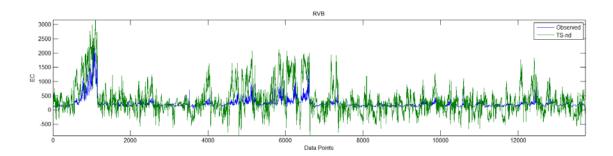


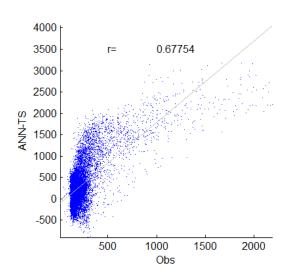








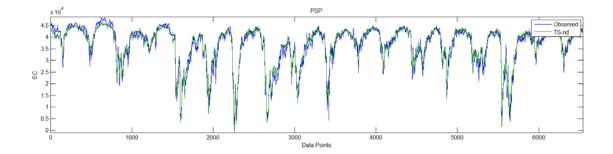


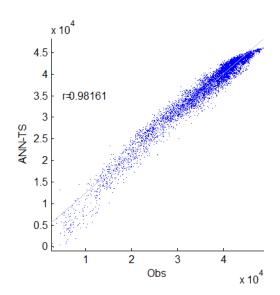


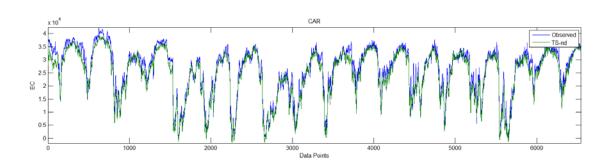
Appendix D Tetra Tech, Inc.

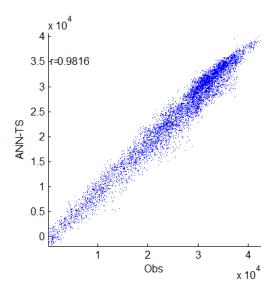
Model 9

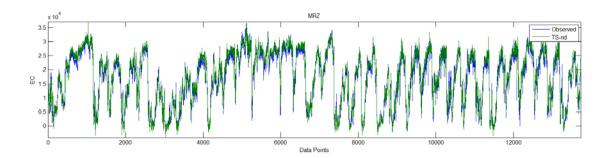
30-Day antecedent salinity input

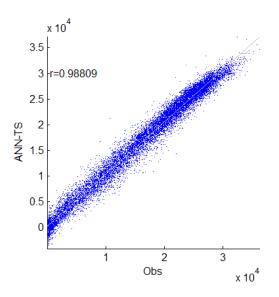


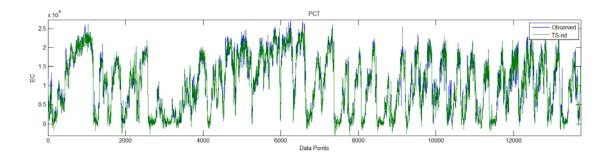


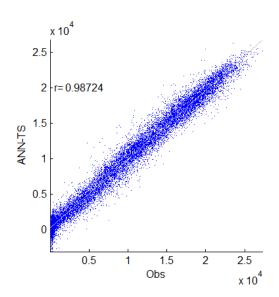


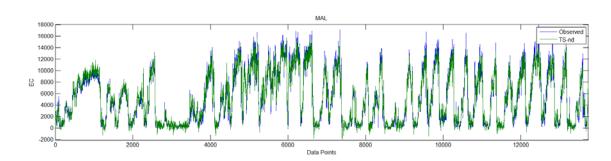


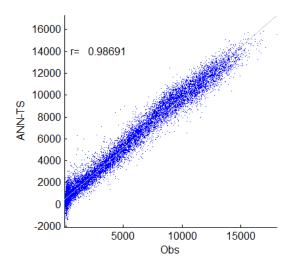


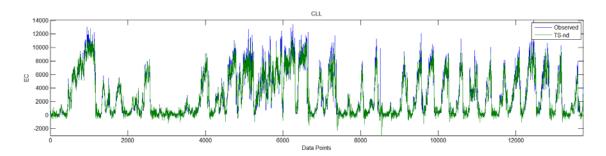


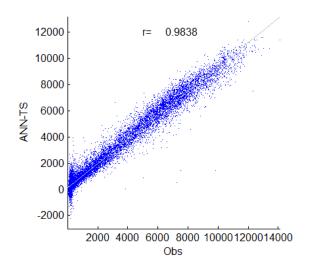


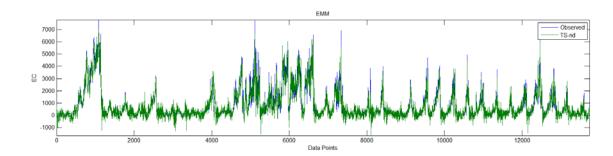


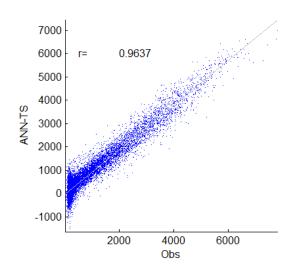


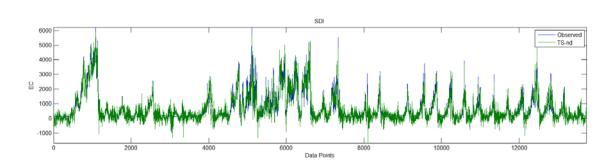


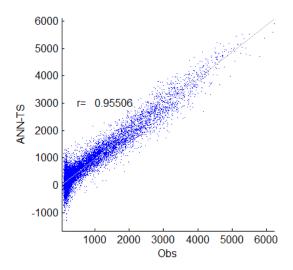


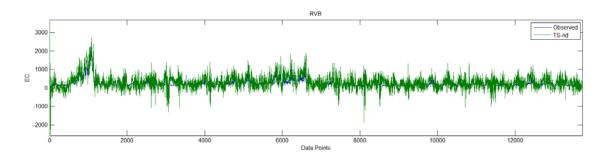


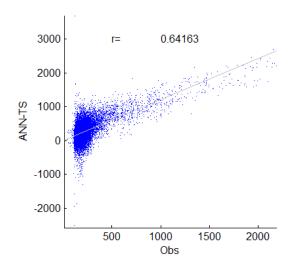




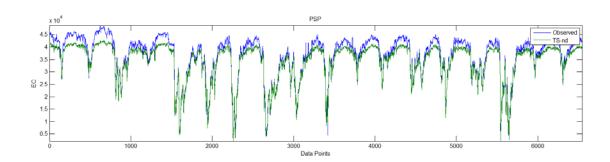


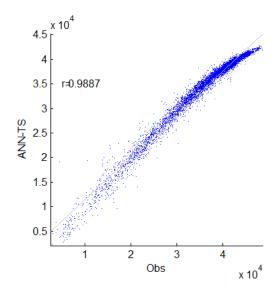


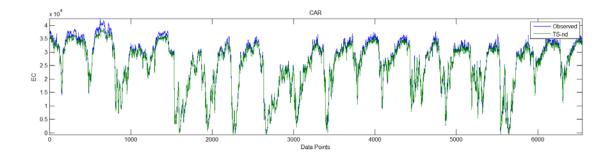


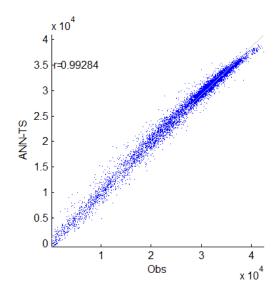


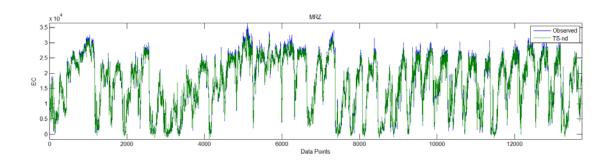
MODEL 10 NARX

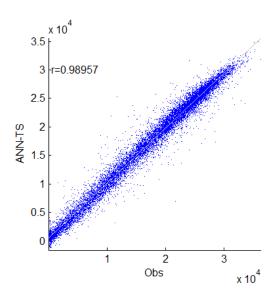


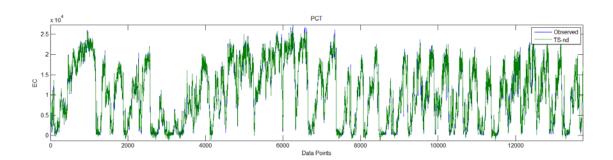


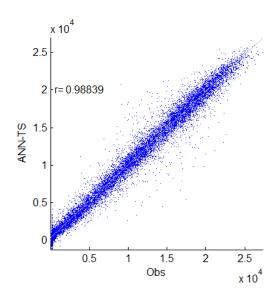


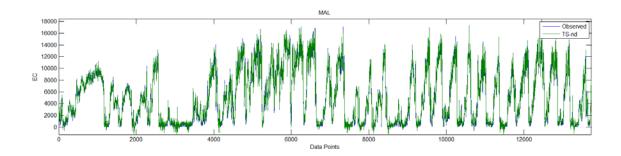


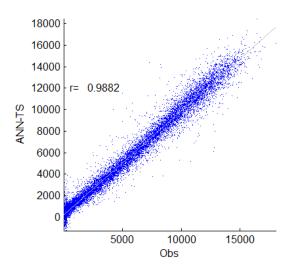


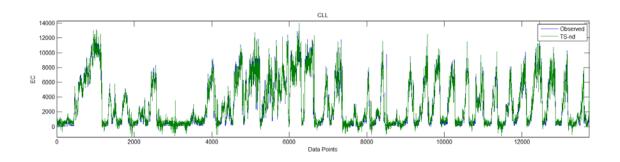


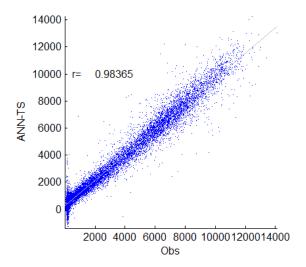


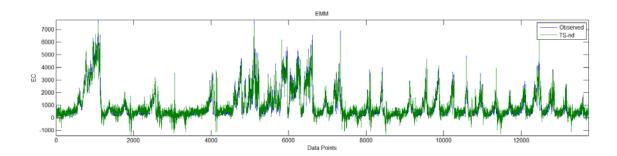


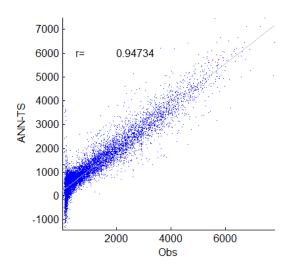


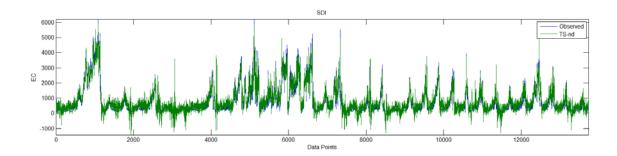


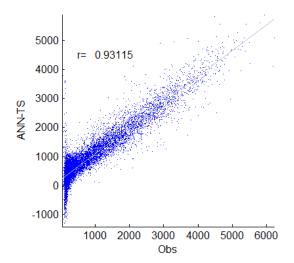


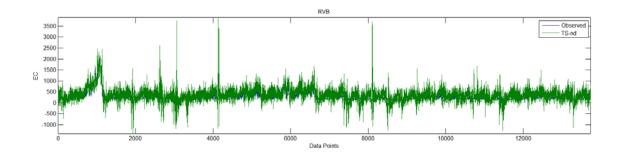


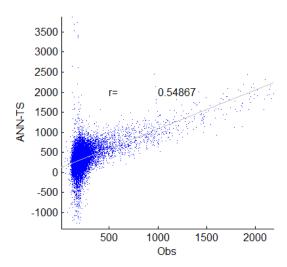








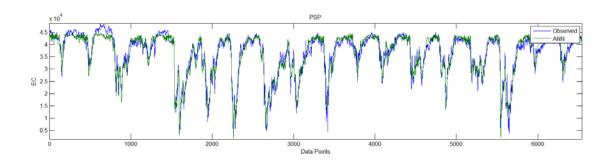


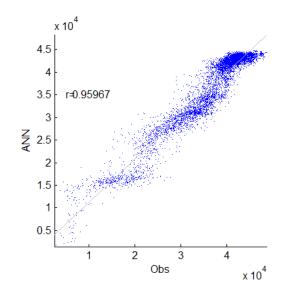


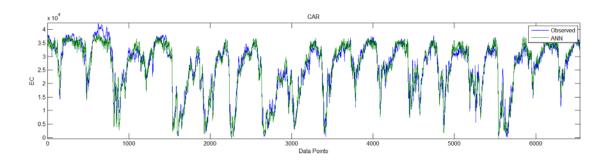
SAN JOAQUIN MODEL

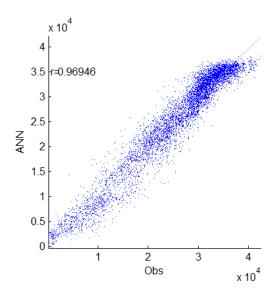
Model 1

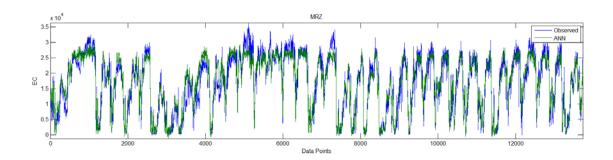
1 Flow Model

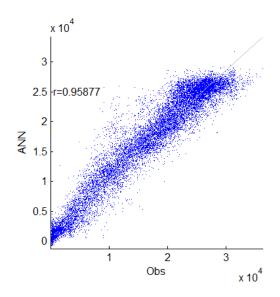


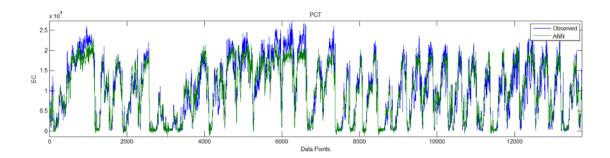


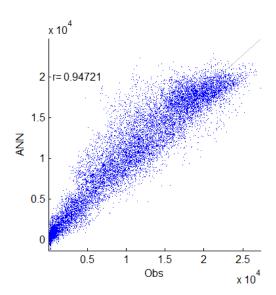


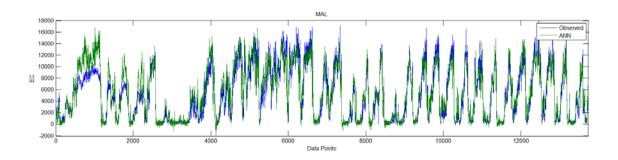


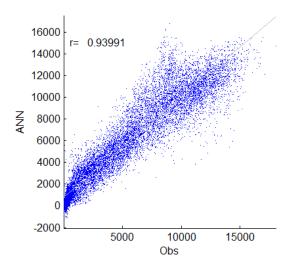


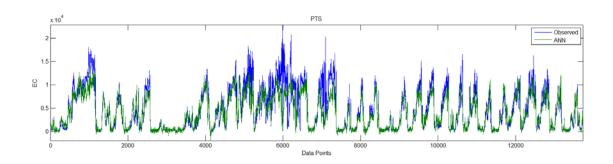


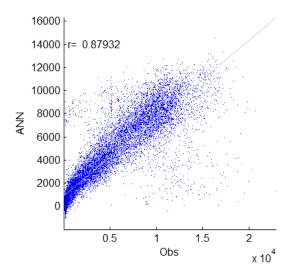


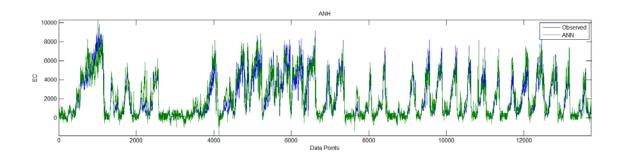


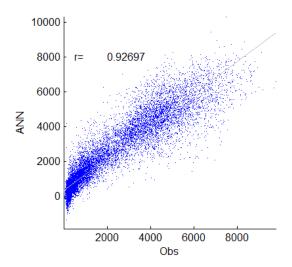


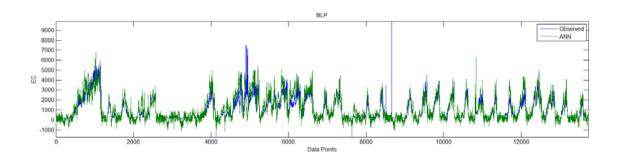


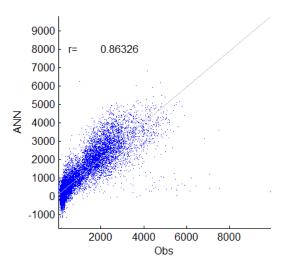


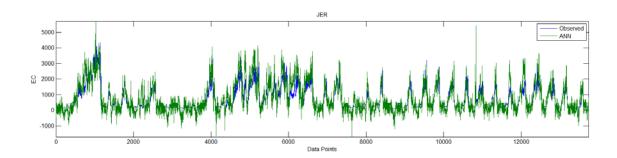


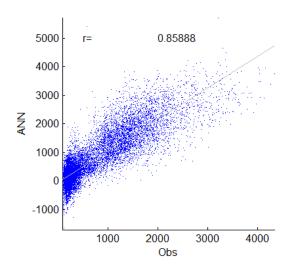


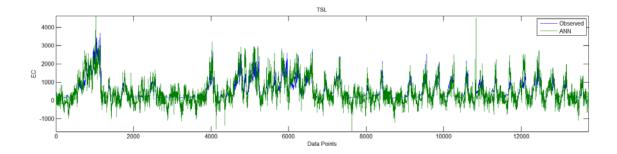


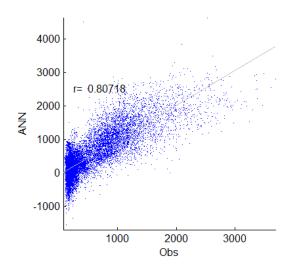


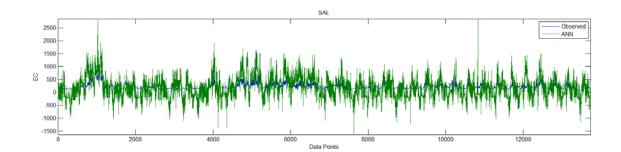


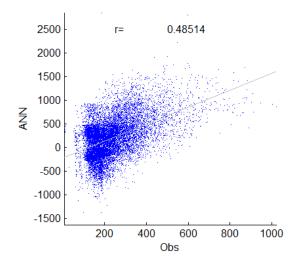




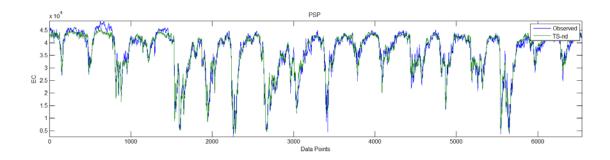


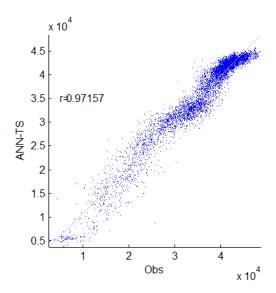


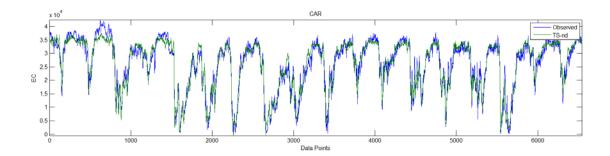


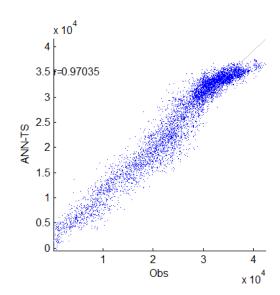


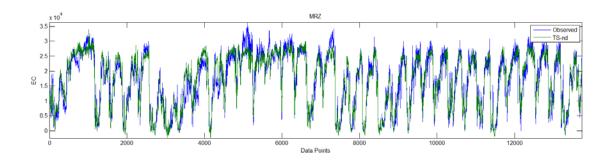
Model 2 2 Flow

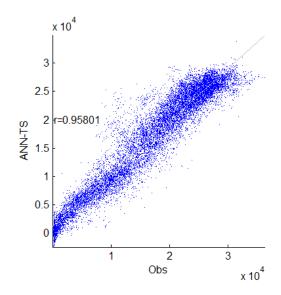


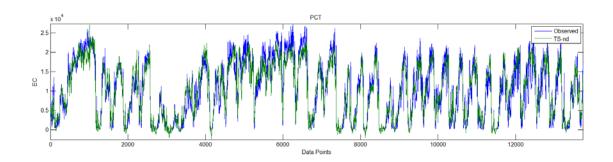


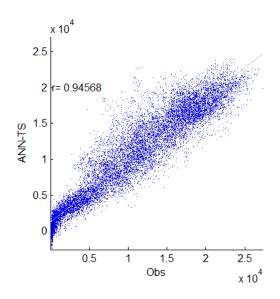


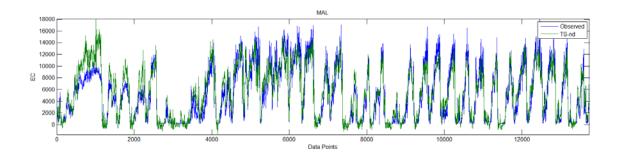


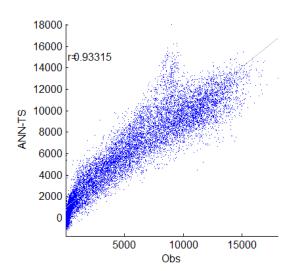


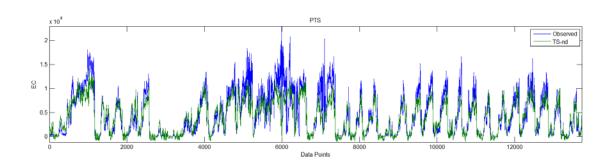


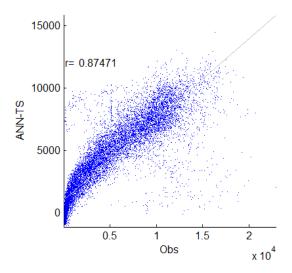


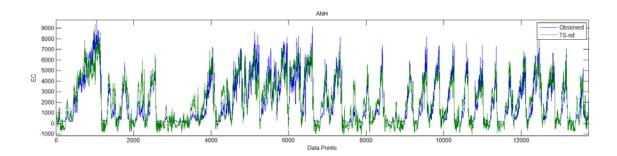


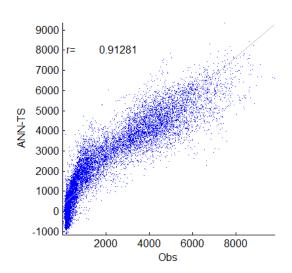


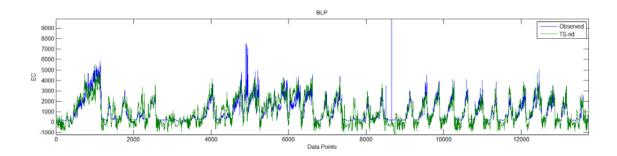


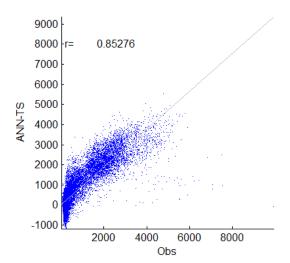


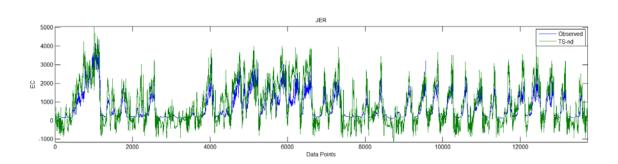


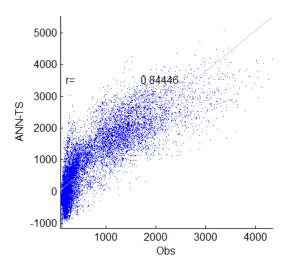


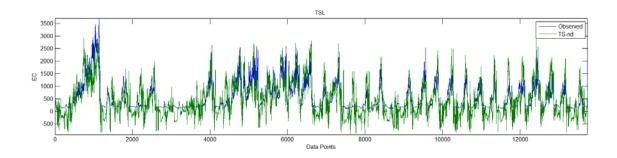


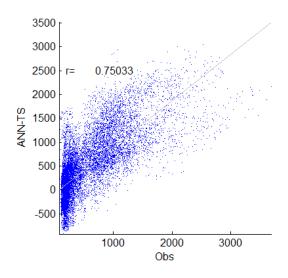


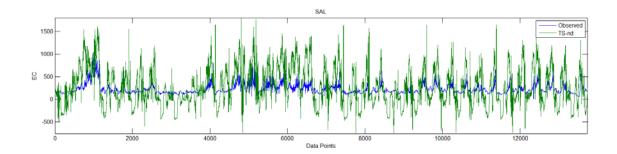


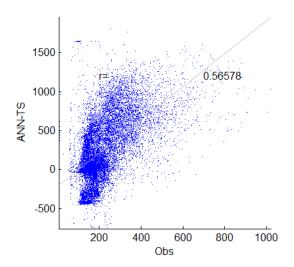




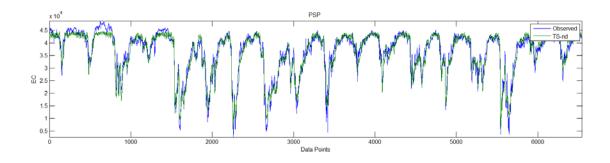


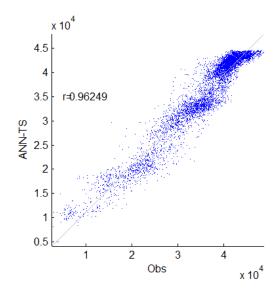


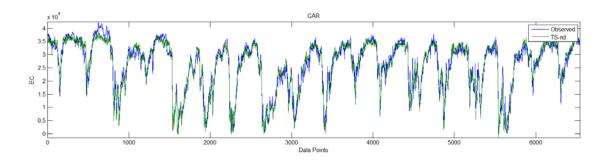


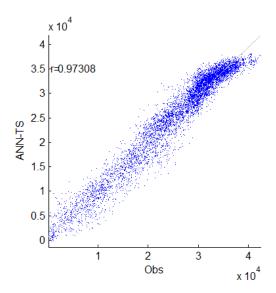


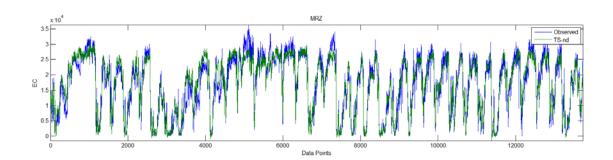
Model 3
2 Flows, Qwest as residual

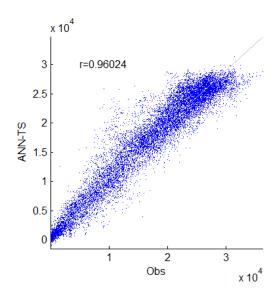


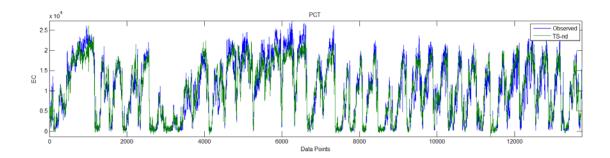


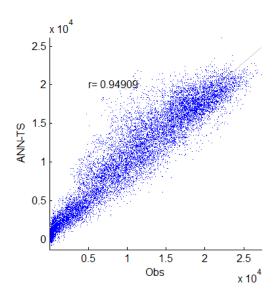


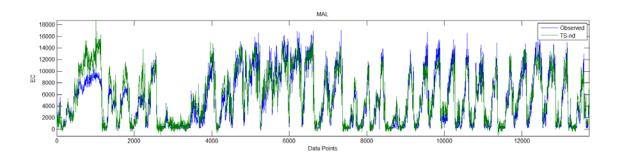


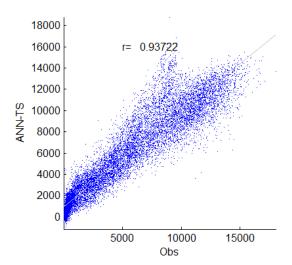


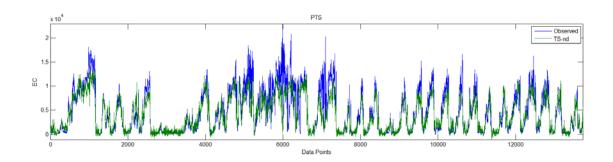


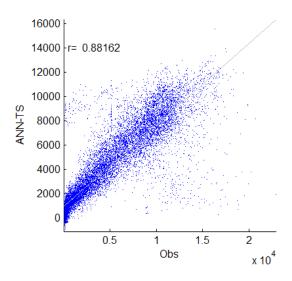


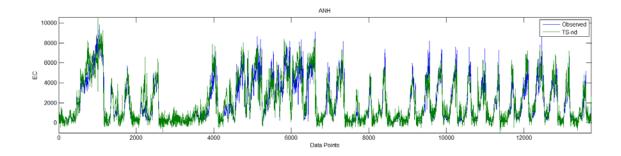


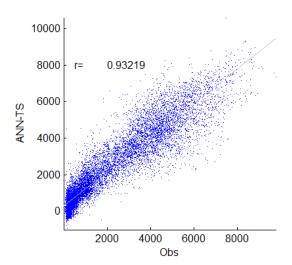


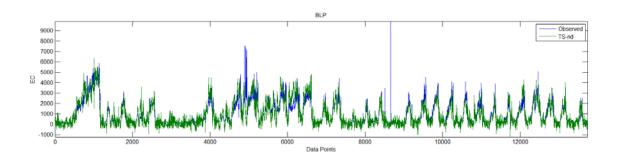


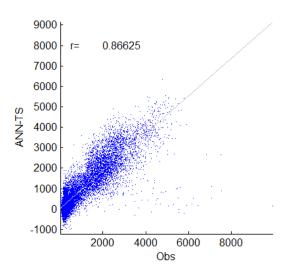


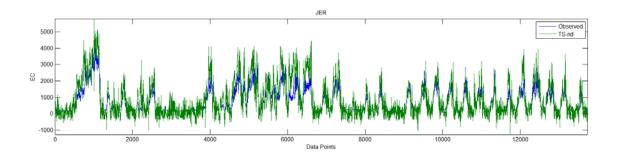


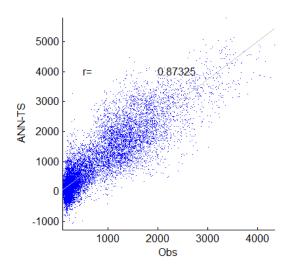


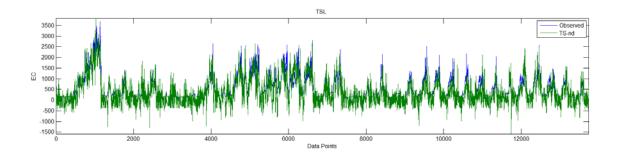


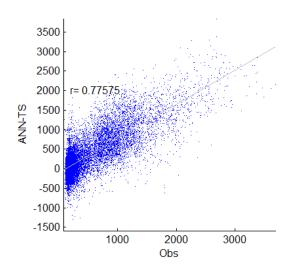


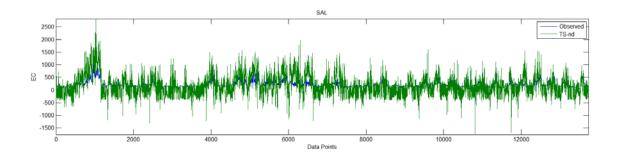


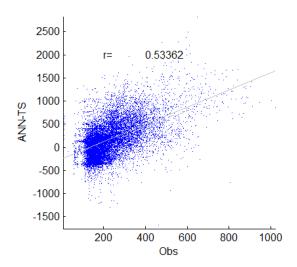




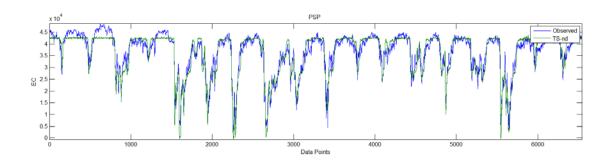


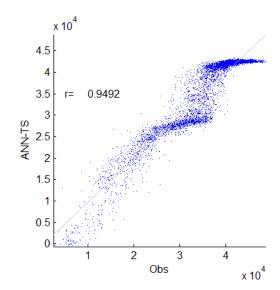


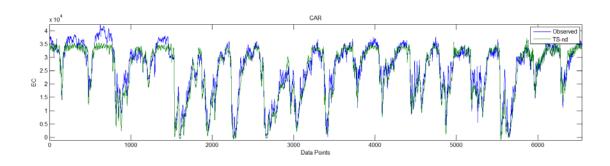


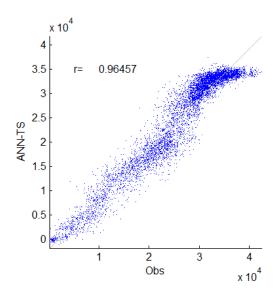


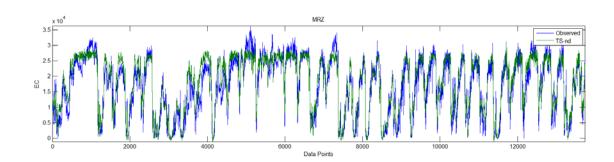
MODEL 4 3 Tide

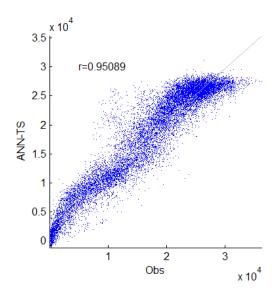


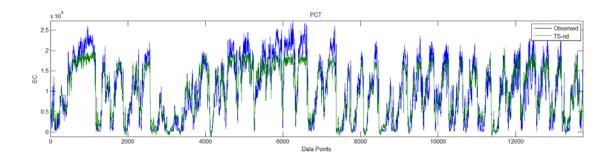


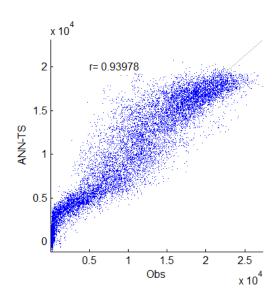


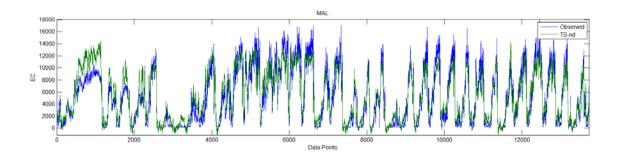


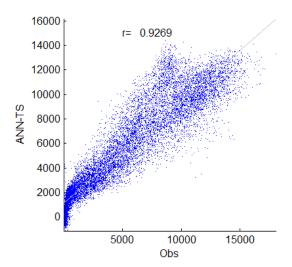


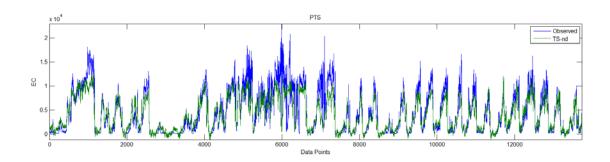


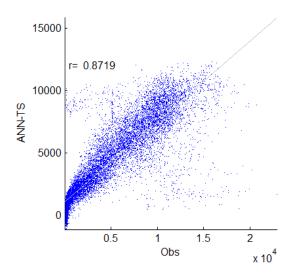


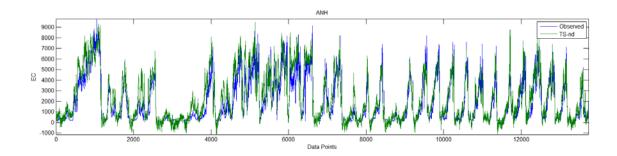


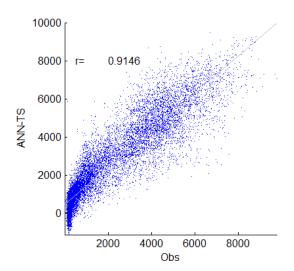


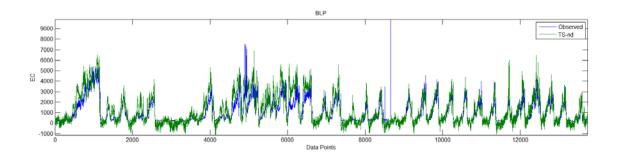


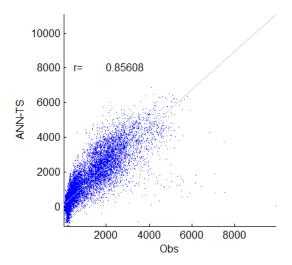


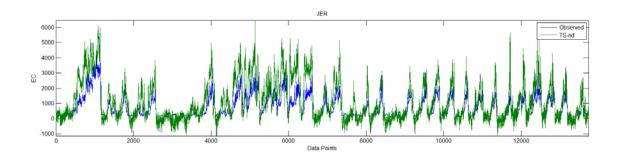


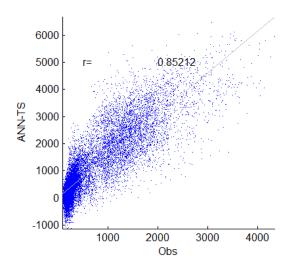


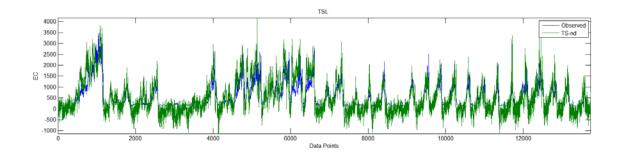


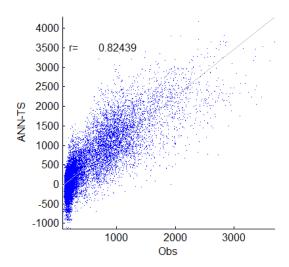


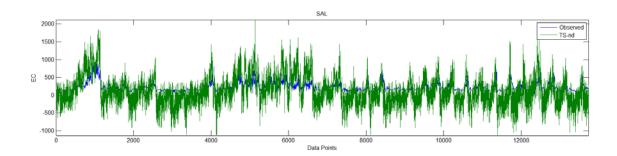


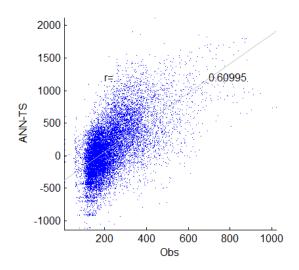




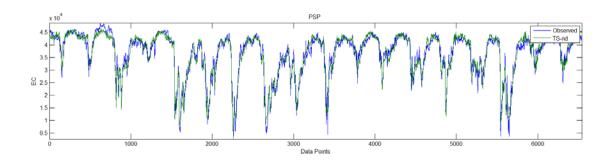


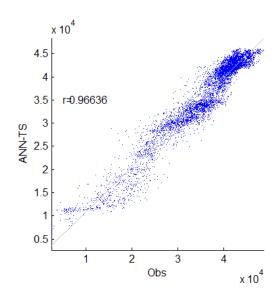


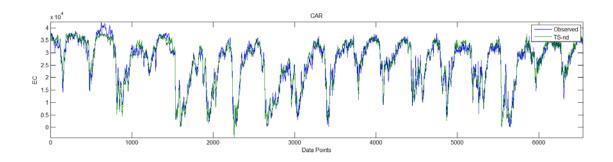


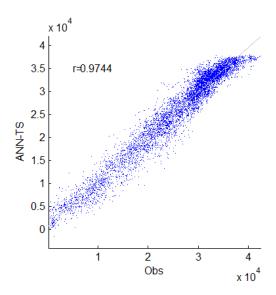


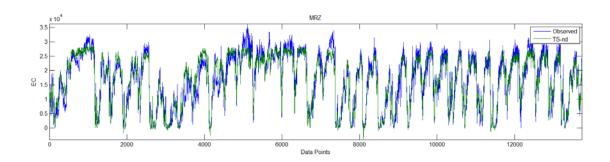
MODEL 5
2 Tide

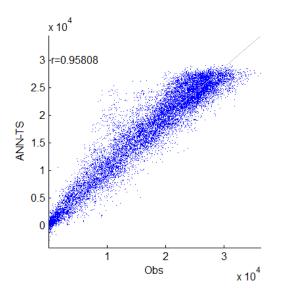


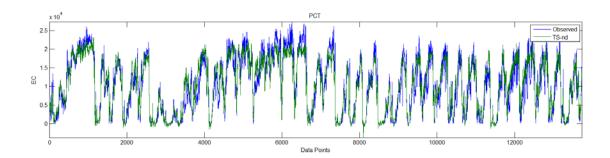


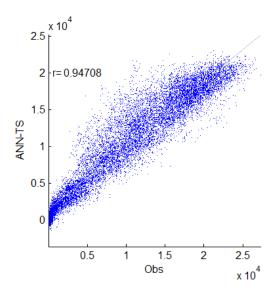


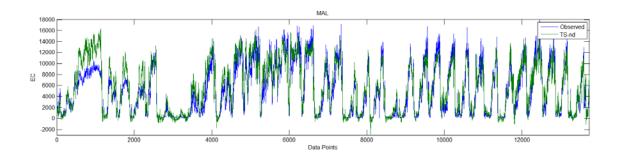


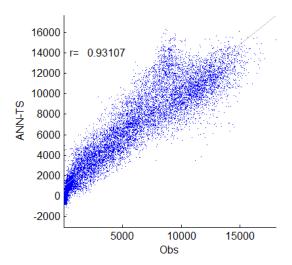


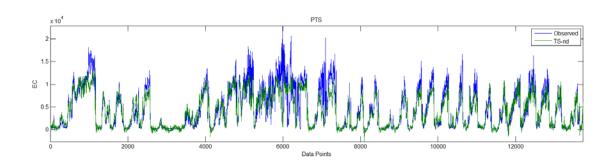


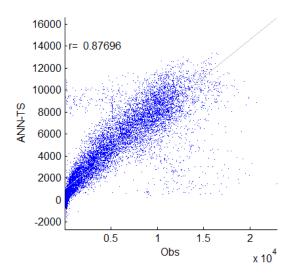


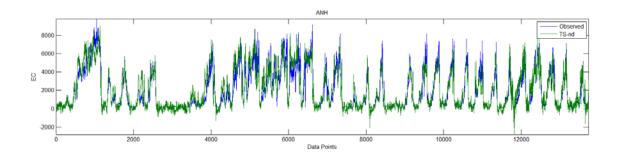


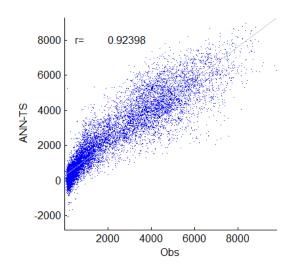


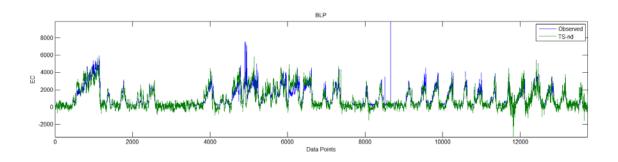


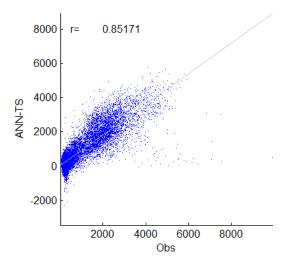


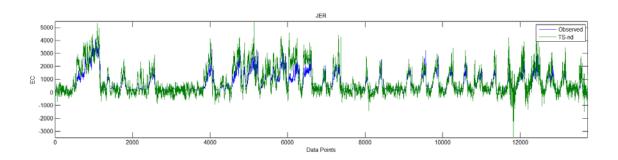


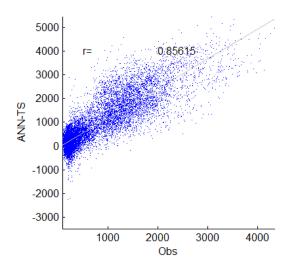


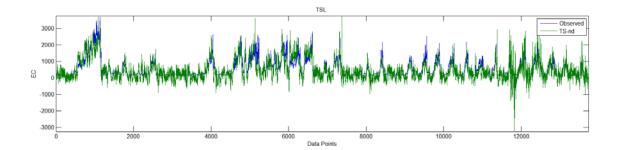


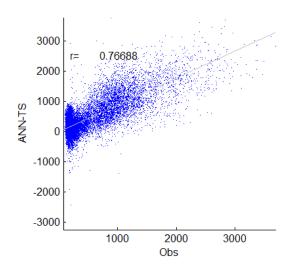


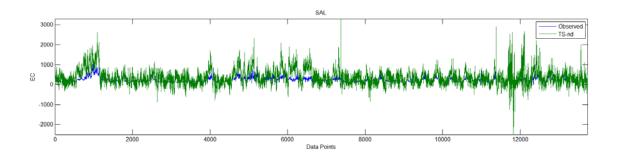


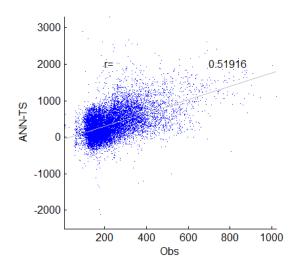






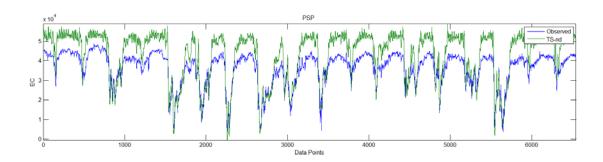


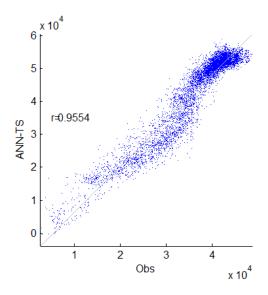


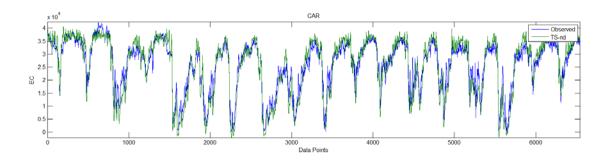


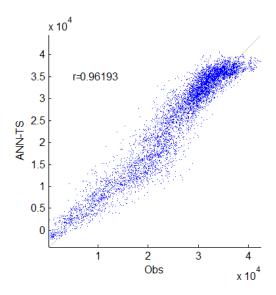
Model 6

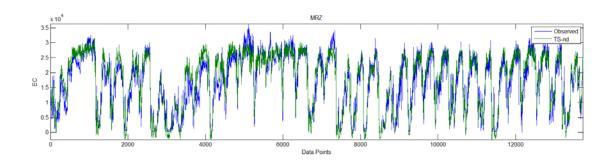
1 Tide

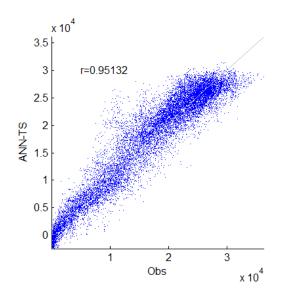


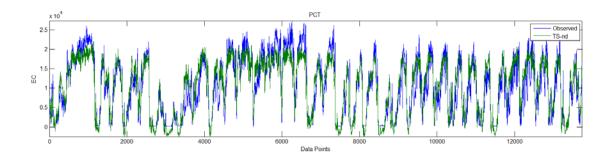


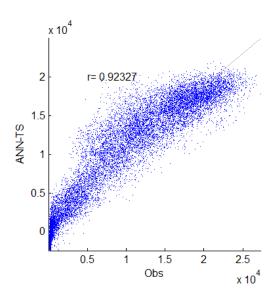


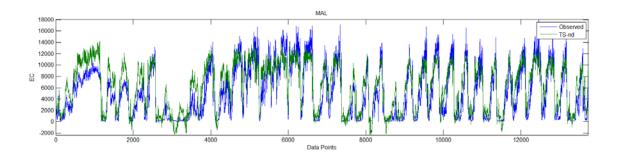


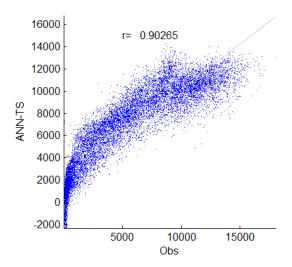


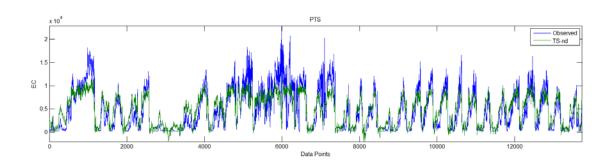


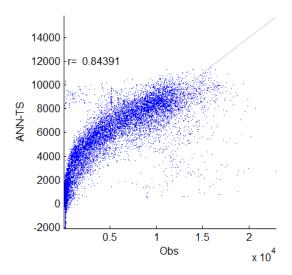


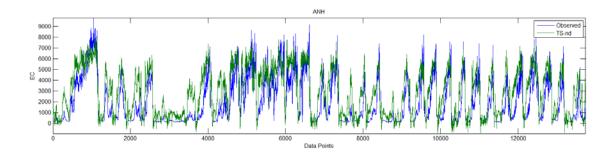


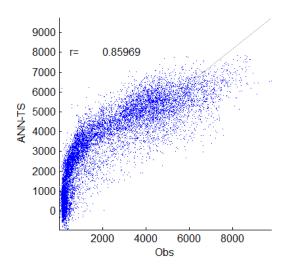


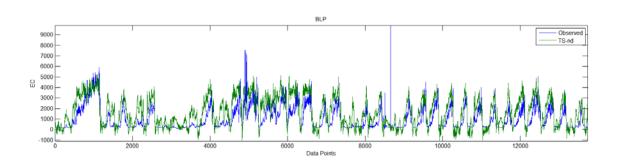


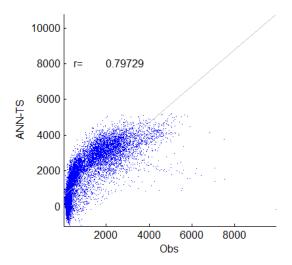


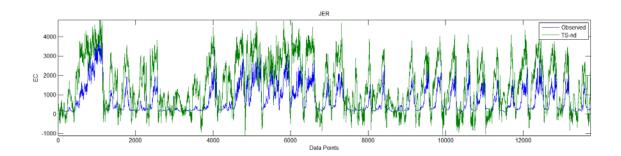


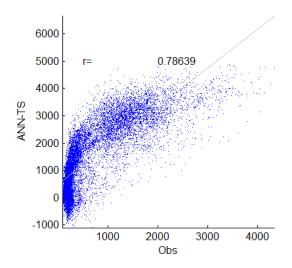


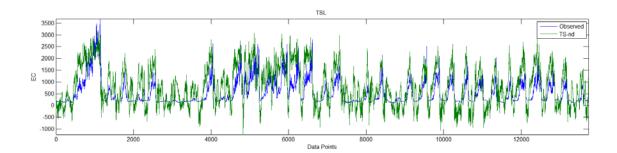


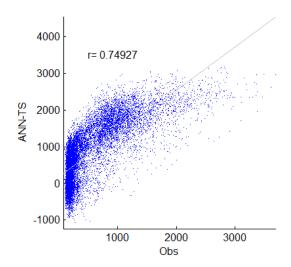


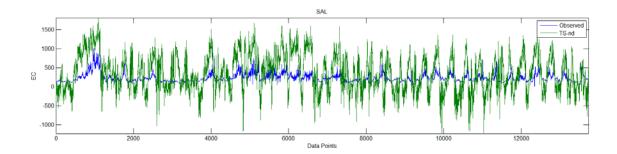


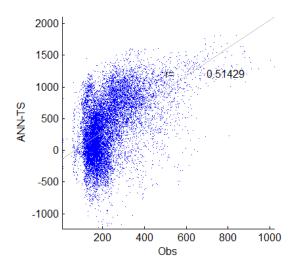




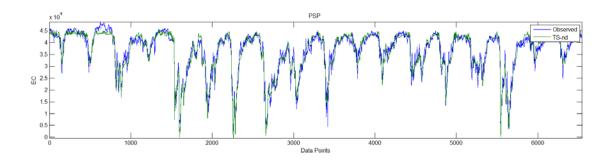


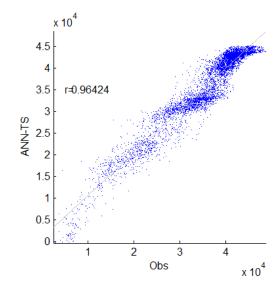


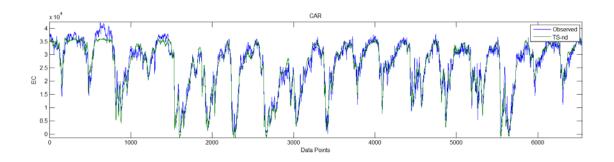


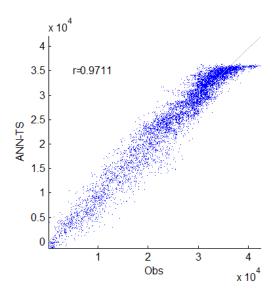


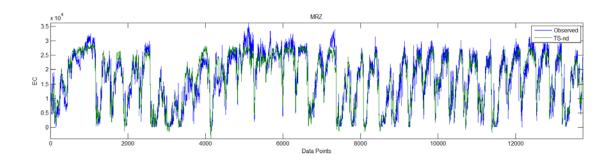
Model 7
No Tide

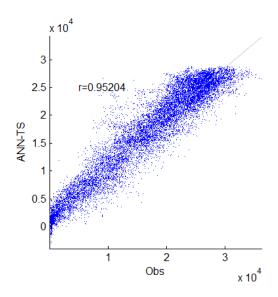


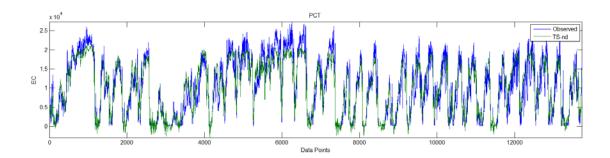


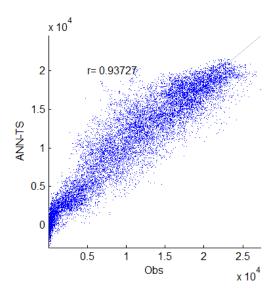


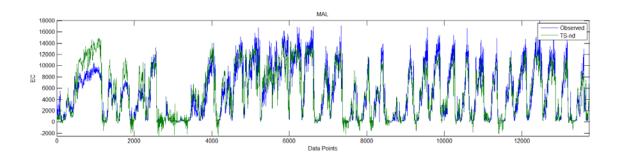


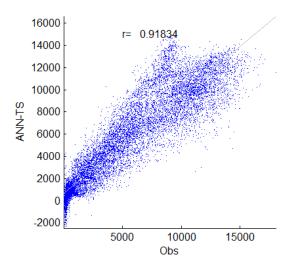


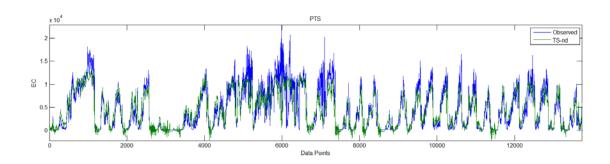


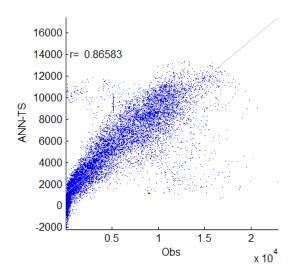


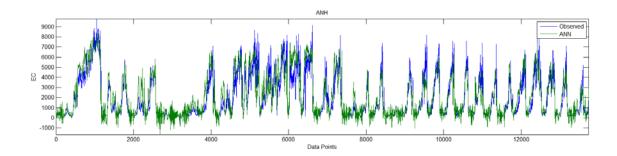


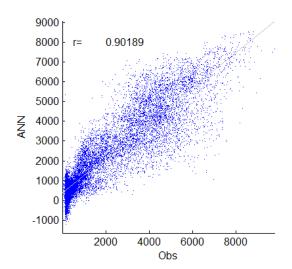


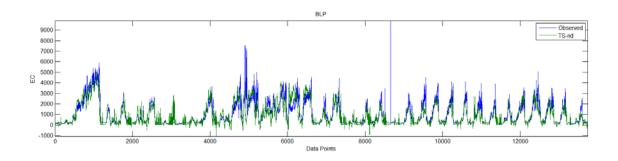


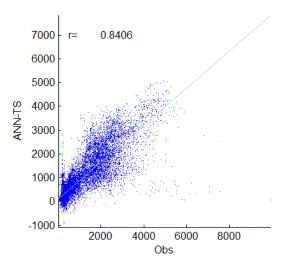


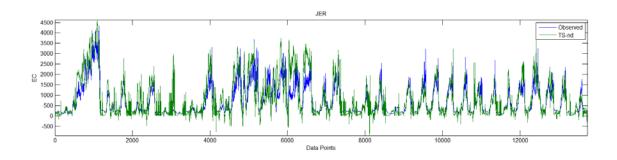


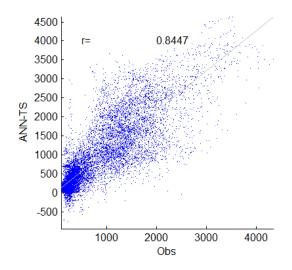


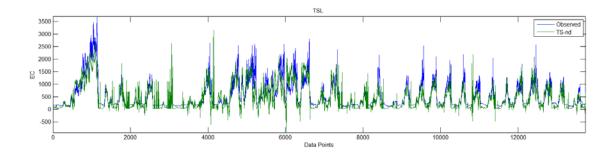


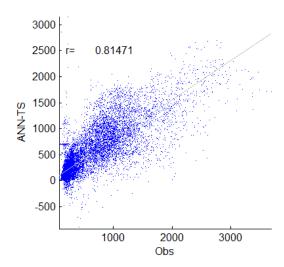


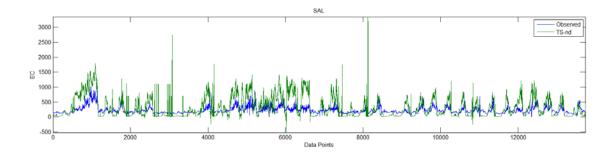


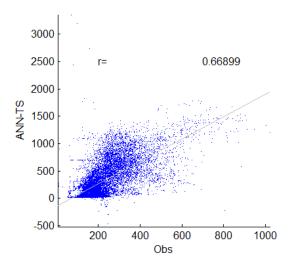






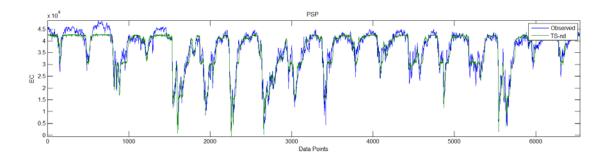


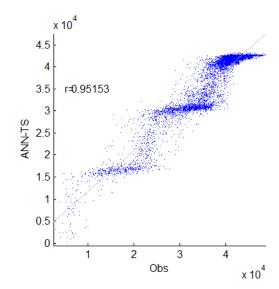


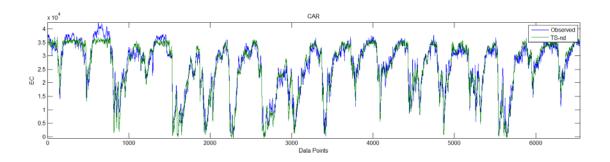


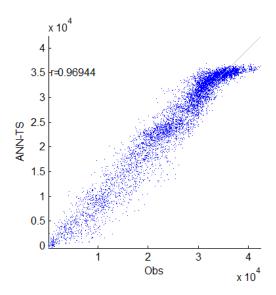
Appendix D Tetra Tech, Inc.

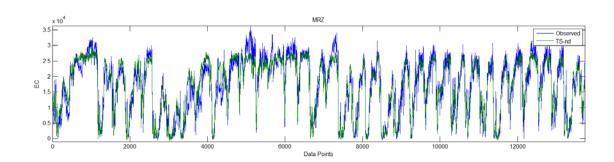
MODEL 8
Actual Tide at Golden Gate (MSL)

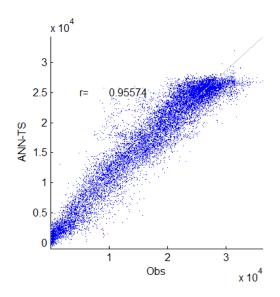


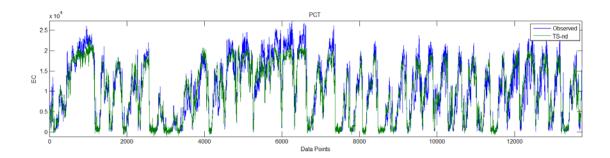


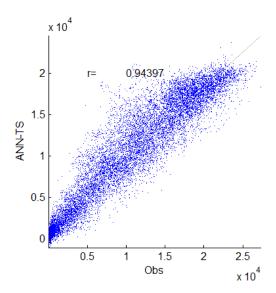


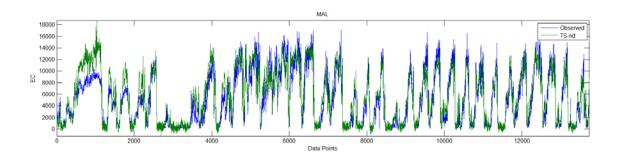


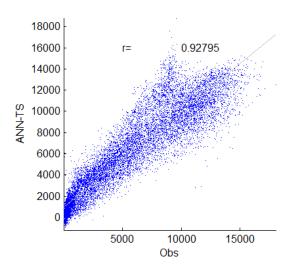


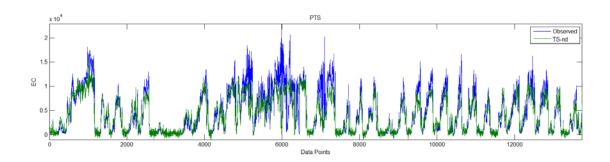


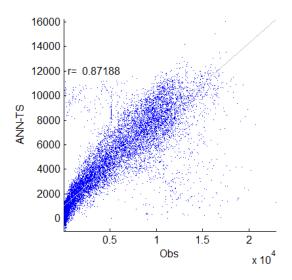


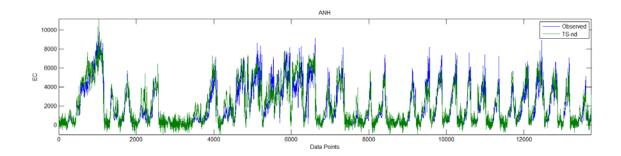


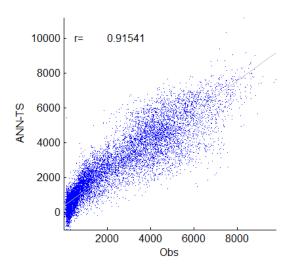


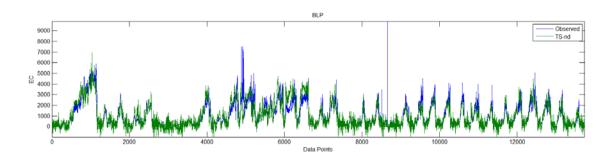


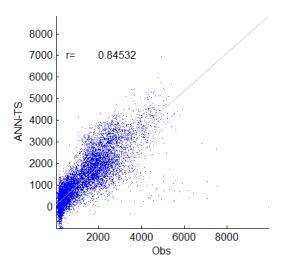


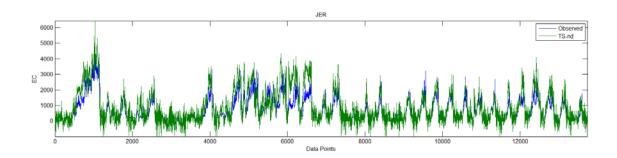


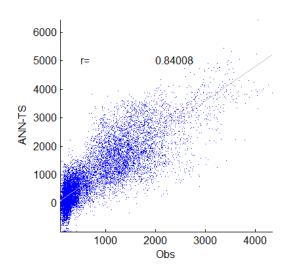


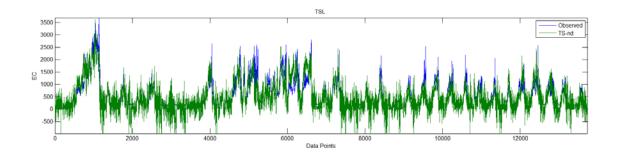


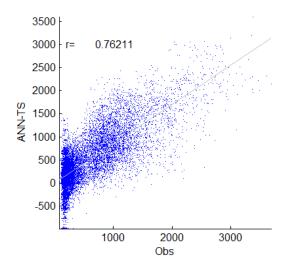


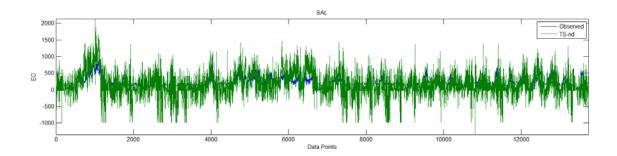


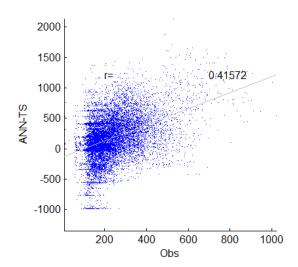




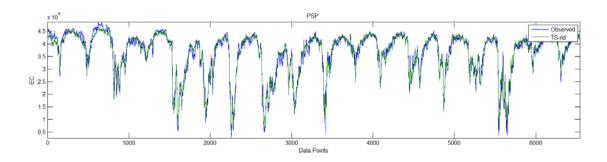


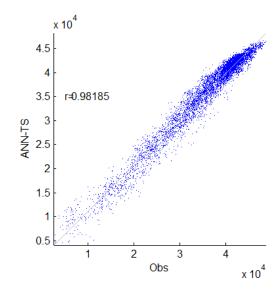


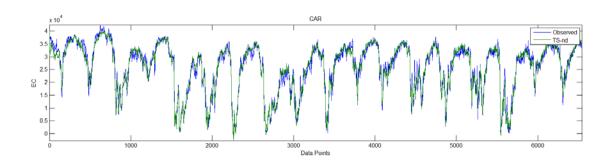


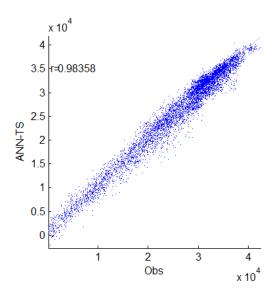


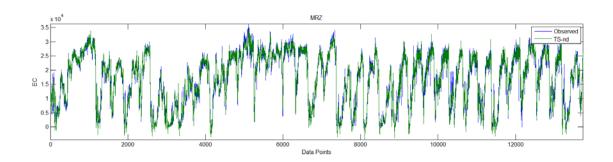
MODEL 9
30-Day Antecedent Salinity

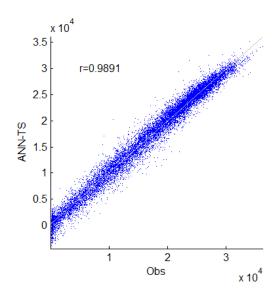


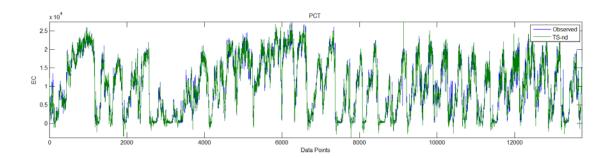


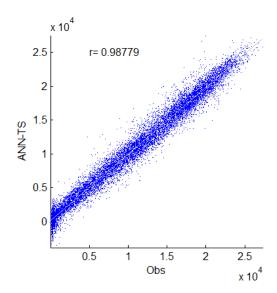


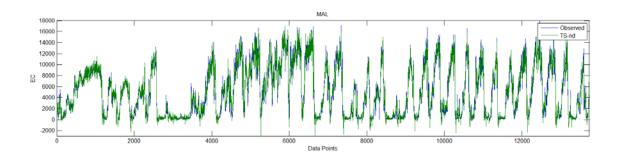


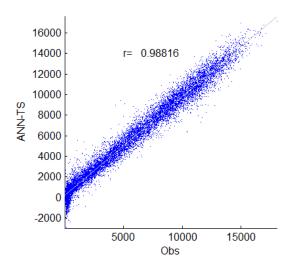


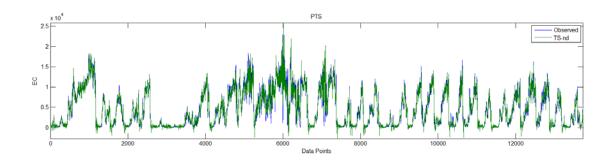


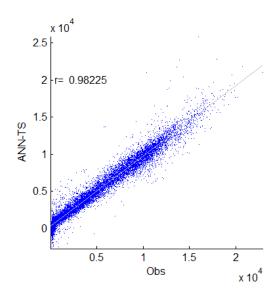


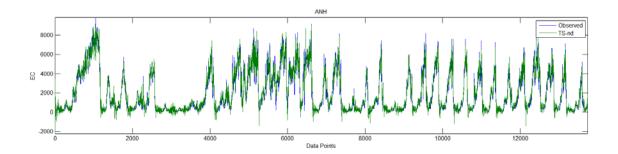


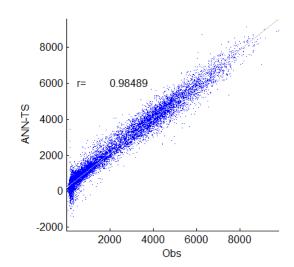


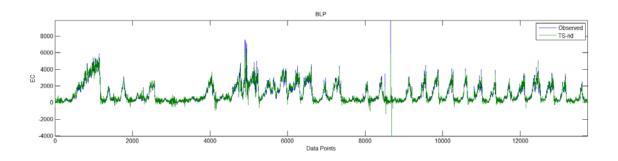


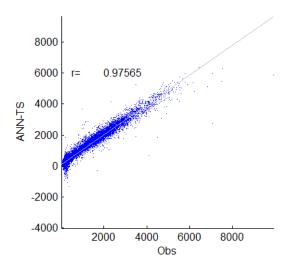


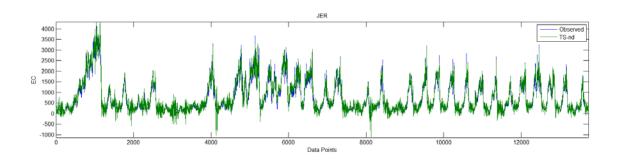


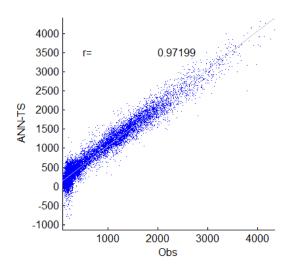


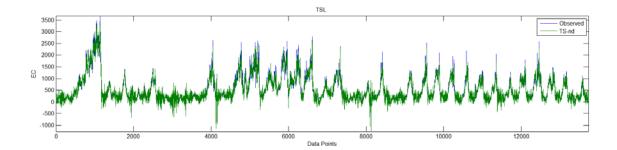


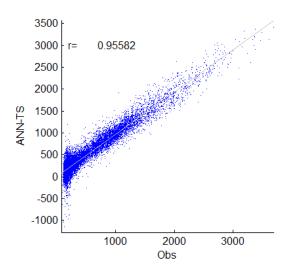


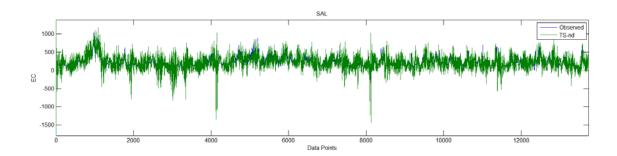


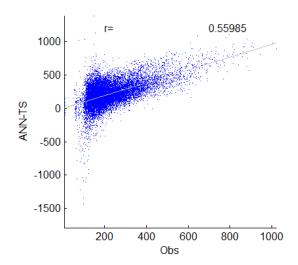




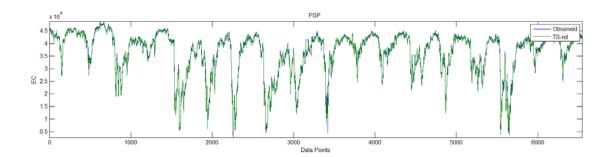


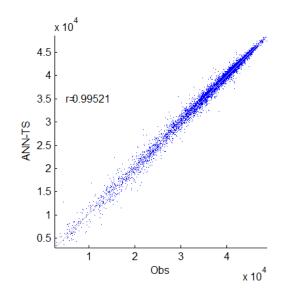


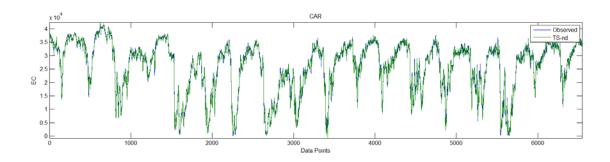


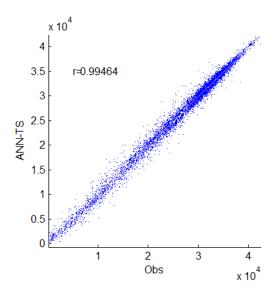


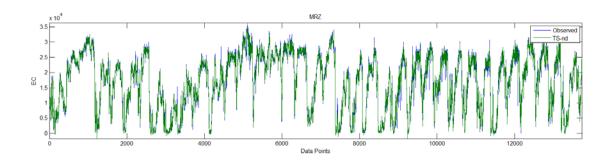
MODEL 10 NARX

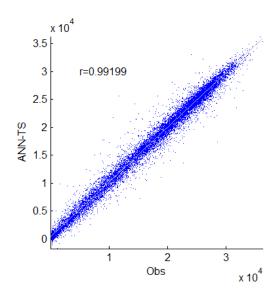


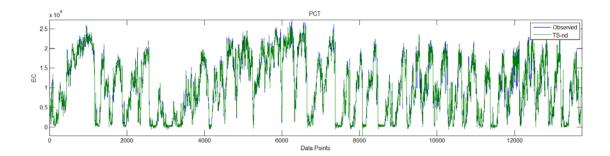


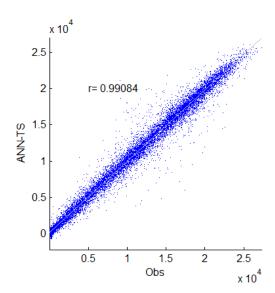


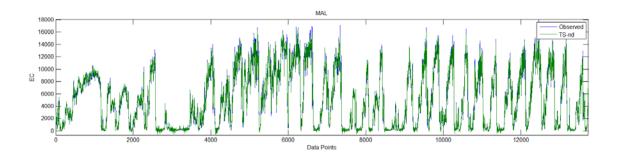


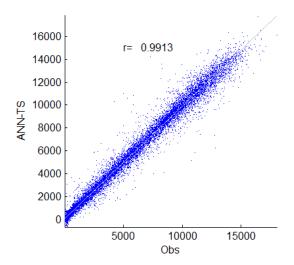


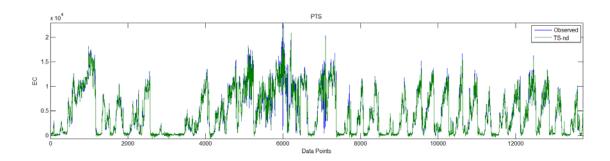


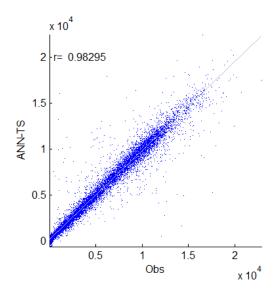


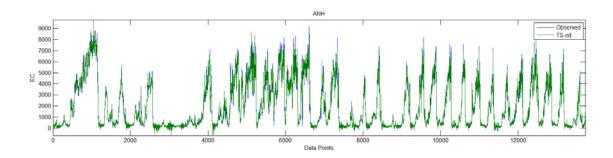


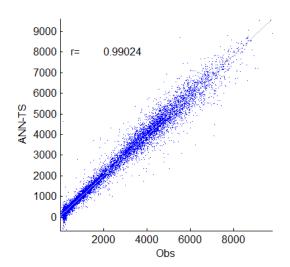


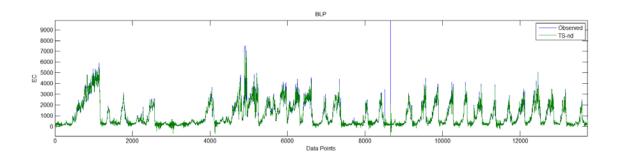


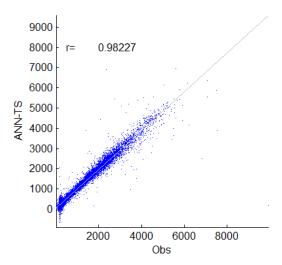


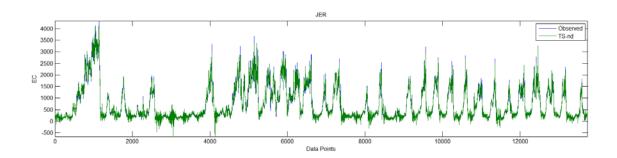


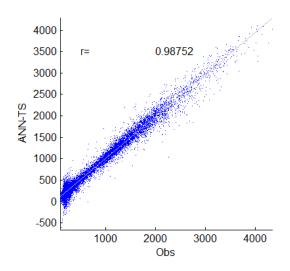


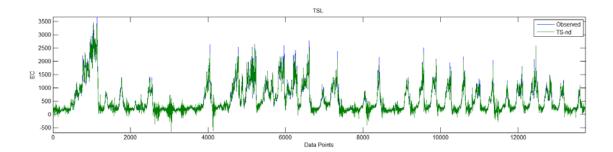


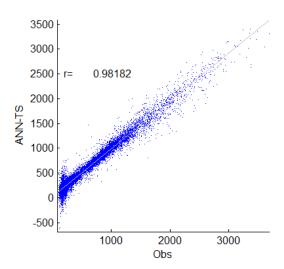


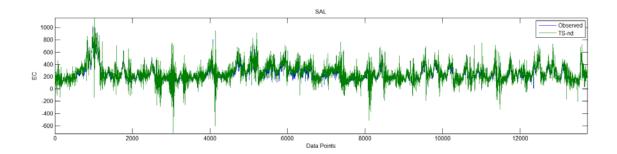


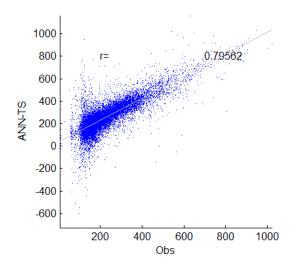












Appendix D Tetra Tech, Inc.