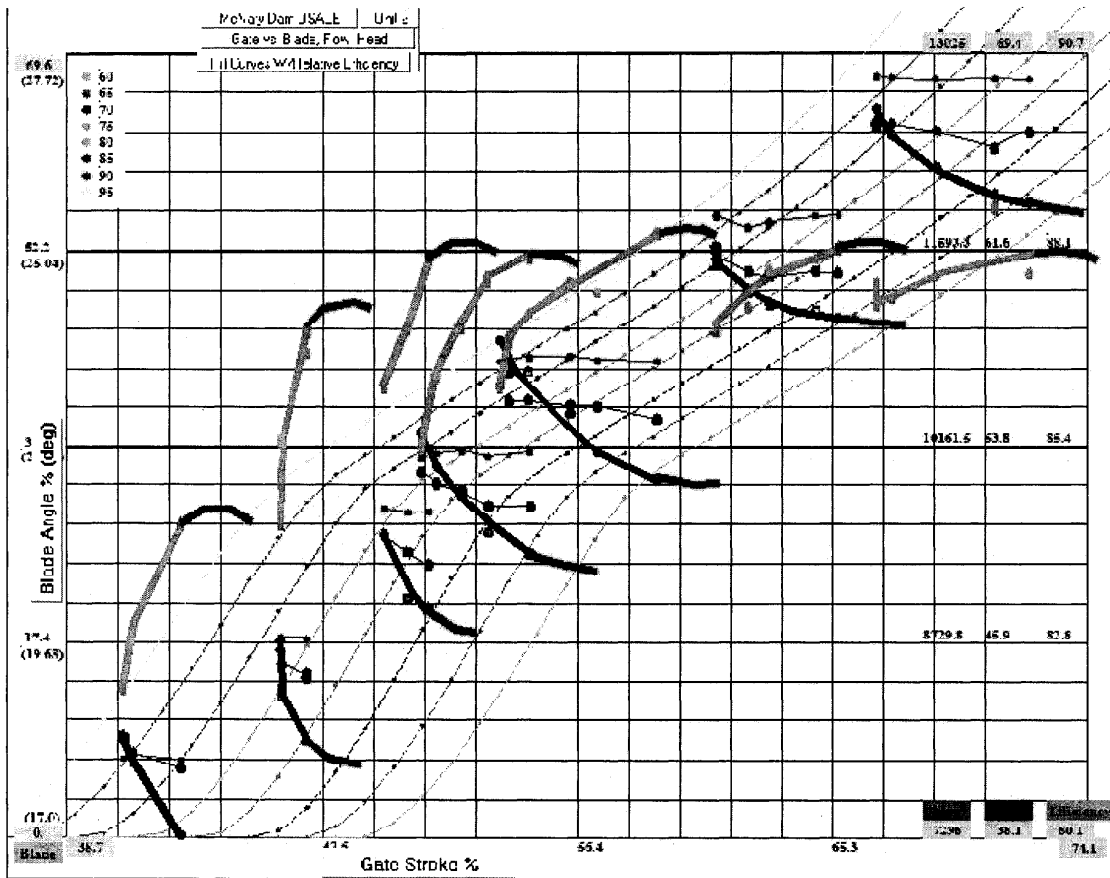
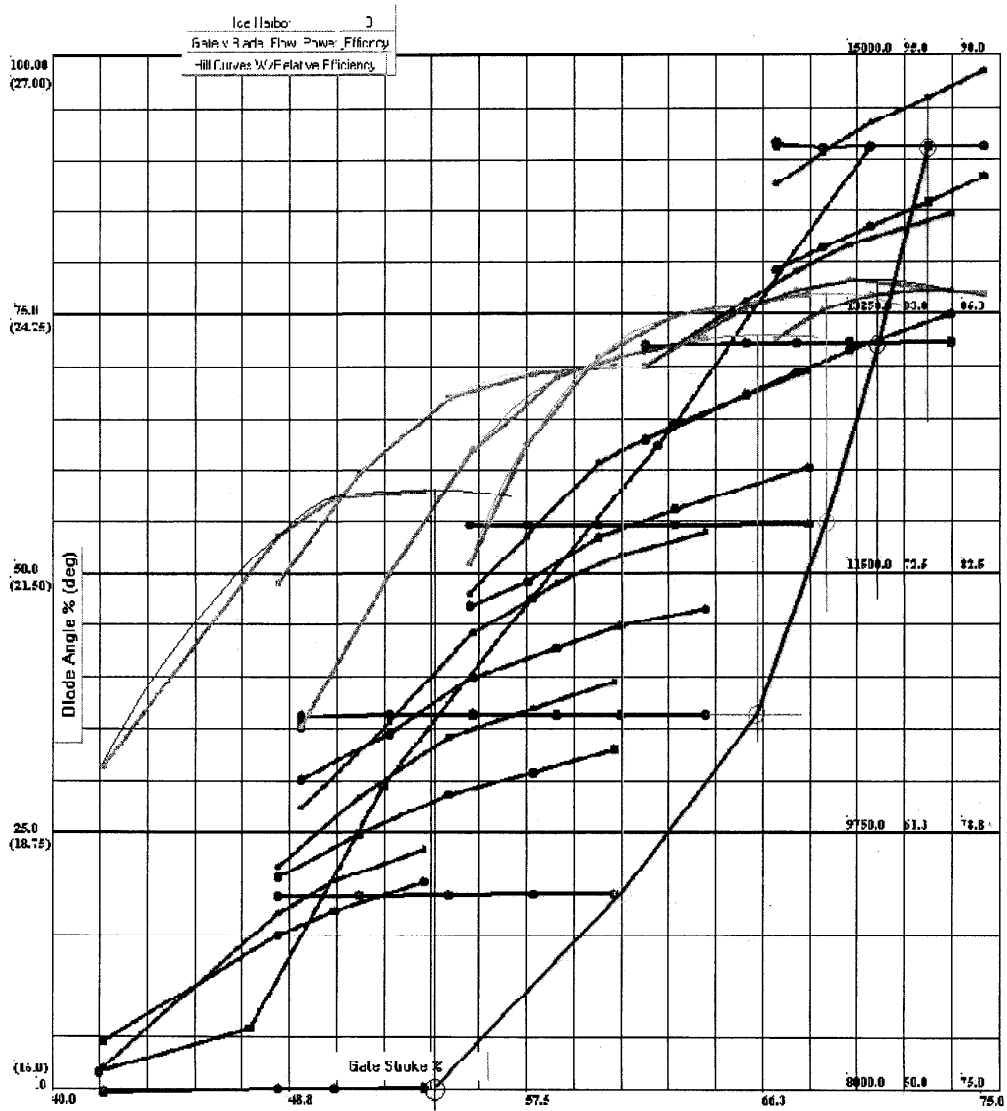


INDEX TEST BOX

**“Proof of Concept” Test Results
presented to
Hydro Optimization Team on
Sept 12-13, 2006**





CONCLUSIONS

- “Proof of Concept” test was ultimately successful.
- Due to governor dynamics, a new method of analyzing test data must be developed for use with the performance data recorded by an ITB.
- An automatic flushing system for the Winter-Kennedy’s needs to be developed.

LESSONS LEARNED

- The ITB system should be first completed as a stand alone system separate from GDACS.
- Any plan to interact with GDACS should specify GMT security requirements.
- Governing system dynamics should be specified in procurement contract.
- The specifications of documentation to be delivered under contract should be very detailed.

RECOMMENDATIONS

- Development of a complete, prototype Index Test Box system should be continued.
- In-house, engineering support services should be contracted to work under HDC supervision, to develop a stand alone ITB system and then interface it into GDACS.
- The ITB function should reside in the Governor.