ATTACHMENT Q

Ten Tribes Depletion Schedule

This attachment contains a summary of Tribal water demands of the Ten Tribes Partnership used in FEIS modeling in the Colorado River Simulation System (CRSS). This listing has been updated from that presented in the DEIS.
Attachment Q
Ten Tribes Depletion Schedules

This attachment was derived from information sent to Reclamation from the Ten Tribes Partnership, as well as conversations held directly with representatives of the Jicarilla Tribe. As discussed in the DEIS, the CRSS model was altered to directly represent the scheduled diversions for the Ten Tribes.

Upper Basin Tribal Water Rights and Diversions

Table Q-1 lists the water rights and diversion locations of the Ten Tribes members in the Upper Basin, whose diversions are part of the Upper Division states apportionments. For each tribe, the table lists the diversion points which are represented in the CRSS model, the current annual volumes of diverted water (estimated 2000 volumes), and the full Colorado River water right held by the Tribe. As discussed in Section 3.14, the water rights are usually based on the amounts of agricultural acreage cited. Table Q-2 lists, for each Tribe, the current and projected depletions at each model demand node (representing each diversion point) used in model analysis. The depletions for each diversion point consist of the withdrawal from the river system minus the return flow to the river system, both of which are cited on the table.

Because each Tribal diversion is attributed to one of the Upper Basin states, the state diversion and depletion schedules used in the model include the Tribal diversions and depletions. Interim surplus criteria had no effect on Upper Basin deliveries, as expected, including the Indian demands above Lake Powell. As noted in Section 3.4.4.4, the normal delivery schedules of all Upper Basin diversions would be met under most water supply conditions. An Upper Basin diversion would be shorted only under periods of low hydrologic conditions and inadequate regulating reservoir storage capacity upstream of the diversion points. The model is not presently configured to track the relative priorities under those conditions. However, such effects are identical under baseline conditions and all alternatives.

Lower Basin Tribal Water Rights and Diversions

Table Q-3 lists the water rights and diversion locations of the Ten Tribes members in the Lower Basin, whose diversions are part of the Lower Division states normal apportionments. For each tribe, the table lists the diversion points which are represented in the CRSS model, the current annual volumes of diverted water (estimated 2000 volumes), and the full Colorado River water right held by the Tribe. As discussed in Section 3.14, the water rights are usually based on the amounts of agricultural acreage cited. Table Q-4 lists, for each Tribe, the current and projected depletions at each model demand node (representing each diversion point) used in model analysis. The depletions for each diversion point consist of the withdrawal from the river system minus the return flow to the river system, both of which are cited on the table.
Because each Tribal diversion is attributed to one of the Lower Basin states, the state diversion and depletion schedules used in the model include the Tribal diversions and depletions. Under normal conditions, deliveries to the Lower Basin are always equal to the normal depletion schedules, including those for the Indian tribes. Under shortage conditions, only CAP and SNWA share in the shortage until CAP goes to zero (which was not observed in any of the modeling runs done for this FEIS). Therefore, all tribes in the Ten Tribes Partnership in the Lower Basin receive their scheduled depletion amounts with the exception of the Cocopah Tribe, which has some Arizona Priority 4 water. However, the model is currently configured to assign all Priority 4 shortages to CAP, not other Priority 4 water users, as discussed in Section 3.4.4.4.
Table Q-1
Summary of Ten Tribes Partnership Water Rights and Diversion Locations in the Upper Basin

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### Table Q-2
Summary of Ten Tribes Partnership Development Schedules in the Upper Basin

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Summary of Ten Tribes Partnership Development Schedules in the Upper Basin

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*The PNM lease begins in 2006*
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Ten Tribes Partnership Totals

Lower Basin Totals

Table Q-4
Summary of Ten Tribes Partnership Development Schedules in the Lower Basin