

Electronic Cell Door Impact

Included in the Department of Corrections' (SCDC) May 24, 2019 letter to the House Legislative Oversight Committee (LOC). This information was provided in response to the following question in LOC's May 16, 2019 letter to the Department of Corrections, "35. Does the agency have a cost comparison for systems that would electronically lock cell doors and guard time spent manually locking doors to allow for determination of when the electronic system may pay for itself?"

Time to recoup electronic door lock renovation
with current authorized strength

Number of cells affected	7572
6 Level III's and 4 Level II's	10
Dorms	44
Number of Control Rooms needed	88

High Estimate	\$	75,000,000
Low Estimate	\$	55,000,000

Average per Dorm	H	\$	1,704,545
	L	\$	1,250,000

Current number of Auth Strength Officers pre-
renovation per dorm 4.25

Number of Auth Strength Officers post-renovation
per dorm 4

Salary per officer average Level II & III	\$50,108
.25 fte officer reduction per dorm	\$ 12,527
Officer cost Savings per year (44 dorms)	\$ 551,188

Time to recoup renovation	Hi	136.1 Years
	Low	99.8 Years

*Due to the shortage of officers, no direct savings will be realized. This study is for
administrative purposes only.