

## SECTION IV - ENERGY CONSERVATION MEASURES

Table 4.1 lists the 21 facilities that are included in the IGA and indicates the type of Energy Conservation Measures (ECMs) recommended in each facility.

**Table 4.1: ECM Summary**

Building	Square Footage	Lighting Upgrades	Controls Upgrades	Chiller Upgrade
50 - Police Headquarters	10,466	✓		
197 - NNSD/Graphic Arts/NNDC	52,029	✓		
452 – Utilities Maintenance	58,044	✓		
460 – Director’s Office	17,762	✓		
461 – Gymnasium	13,243	✓		
463 – Biology	113,546	✓		
490 – Medical Research Center	222,512	✓	✓	
510 – Physics	201,929		✓	
515 – Information Technology Division	59,239	✓	✓	
535 – Instrumentation Division	76,911	✓	✓	
555 – Chemistry	151,467		✓	
600 – Chilled Water Plant	12,778	✓		✓
610 – Central Steam Plant	15,946	✓		
703 – Lab/Office Bldg	85,525	✓		
815 – DAS Multiprogram Laboratory	64,228		✓	
820 – ATF/Vacuum	29,507	✓		
830 – Environmental Waste Technical Center	28,946	✓		
911 – Office/Service Bldg	100,663	✓	✓	
914 – Booster Equipment	8,614		✓	
938 – Radiation Effects Facility	5,272	✓		
1005S – Collider Center	40,791	✓	✓	

As indicated in Table 4.1 recommended ECMs include lighting retrofits and controls upgrade. Table 4.2 provides a summary of the energy usage reduction, cost savings,