

Energy Market and Economic Impacts of the American Power Act of 2010

Table 2. Macroeconomic impacts of APA cases relative to the Reference case
(billion 2008 dollars, except where noted)

	Basic	Zero Bank	High Natural Gas Resource	High Cost	No International	Limited / No Int
Cumulative real impacts 2013-2035 (present value using 5-percent discount rate)						
GDP						
Change	-452	-381	-510	-671	-1,135	-2,689
Percent change	-0.2%	-0.1%	-0.2%	-0.2%	-0.4%	-1.0%
Consumption						
Change	-500	-386	-490	-662	-901	-2,001
Percent change	-0.3%	-0.2%	-0.2%	-0.3%	-0.5%	-1.0%
Industrial shipments excluding services (2000 dollars)						
Change	-1,086	-605	-1,196	-1,288	-2,321	-3,635
Percent change	-1.1%	-0.8%	-1.3%	-1.3%	-2.1%	-3.8%
Nominal revenue collected, 2013-2035^a	2,846	2,223	3,669	3,230	5,521	8,449
2020 impacts (not discounted)						
GDP						
Change	-6	-27	-21	-10	-42	-127
Percent Change	-0.0%	-0.1%	-0.1%	-0.1%	-0.2%	-0.7%
Consumption						
Change	-28	-30	-32	-34	-60	-125
Percent Change	-0.2%	-0.2%	-0.2%	-0.3%	-0.5%	-1.0%
Industrial shipments excluding services (2000 dollars)						
Change	-43	-49	-56	-47	-113	-182
Percent change	-0.6%	-0.7%	-0.8%	-0.7%	-1.7%	-2.7%
Nominal revenue collected^a	106	83	107	119	203	309
2035 impacts (not discounted)						
GDP						
Change	-114	-68	-139	-158	-221	-500
Percent change	-0.4%	-0.2%	-0.5%	-0.6%	-0.8%	-1.8%
Consumption						
Change	-49	-27	-56	-71	-55	-232
Percent change	-0.4%	-0.1%	-0.3%	-0.4%	-0.3%	-1.2%
Industrial shipments excluding services (2000 dollars)						
Change	-216	-157	-241	-253	-396	-598
Percent change	-2.8%	--2.0%	-3.1%	-3.2%	-5.1%	-7.7%
Nominal revenue collected^a	319	248	323	364	623	958

^a Includes revenues from allowance auctions and revenues generated by the resale of allowances distributed to non-emitters. These values are not discounted.

Note: All changes shown are relative to the updated Reference case except for the High Natural Gas Resource case, which is compared to a reference case with similar natural gas resource assumptions.

Source: National Energy Modeling System, runs KGL_REFERENCE.D062910A, KGL_BASIC.D062910A, KGL_HISHALE.D062910A, KGL_HICOST.D062910A, KGL_NOINT.D062910A, and KGL_LTDNOLD062910A.