NRCS CONSERVATION PRACTICE EFFECTS - NETWORK DIAGRAM

Energy Efficient Agricultural Operation (374)

Initial Setting: An existing agricultural operation with an energy assessment showing measures that will reduce energy use or increase efficiency in nonresidential structures or systems.

Upgraded onfarm energy efficiencies – Installed technologies enabling reduced combustion of fuel or electricity use to accomplish the same intended task or allow for reduced operation of an existing energy-using system.

D.1 (-) Onsite electricity use
D.2 (-) Onsite combustion of fuel
D.3 (+) Capital costs
D.4 (-) Operation and maintenance costs
D.5 (+) Disposal of used equipment or waste materials: solid waste; PCB; freon; mercury

I.1 (-) Offsite combustion of fuel
I.2 (-) CO₂ emissions
I.3 (-) Ozone precursor emissions
I.4 (-) PM emissions
I.5 (-) Greenhouse gas emissions
I.6 (+/-) Net farm income
I.7 (+) Water quality
I.8 (+) Human health
I.9 (+) Income and income stability (individuals and community)
I.10 (+) Human health

C.1 (+) Air quality
C.2 (+) U.S. energy security
C.3 (+) Income and income stability (individuals and community)
C.4 (+) Human health
C.5 (+) Disposal of used equipment or waste materials: solid waste; PCB; freon; mercury
C.6 (+) Operation and maintenance costs
C.7 (+) Capital costs
C.8 (+) Air quality
C.9 (+) Water quality
C.10 (+) Human health

Notes:
Effects are qualified with a plus (+) or minus (-). These symbols indicate only an increase (+) or a decrease (-) in the effect upon the resource, not whether the effect is beneficial or adverse.