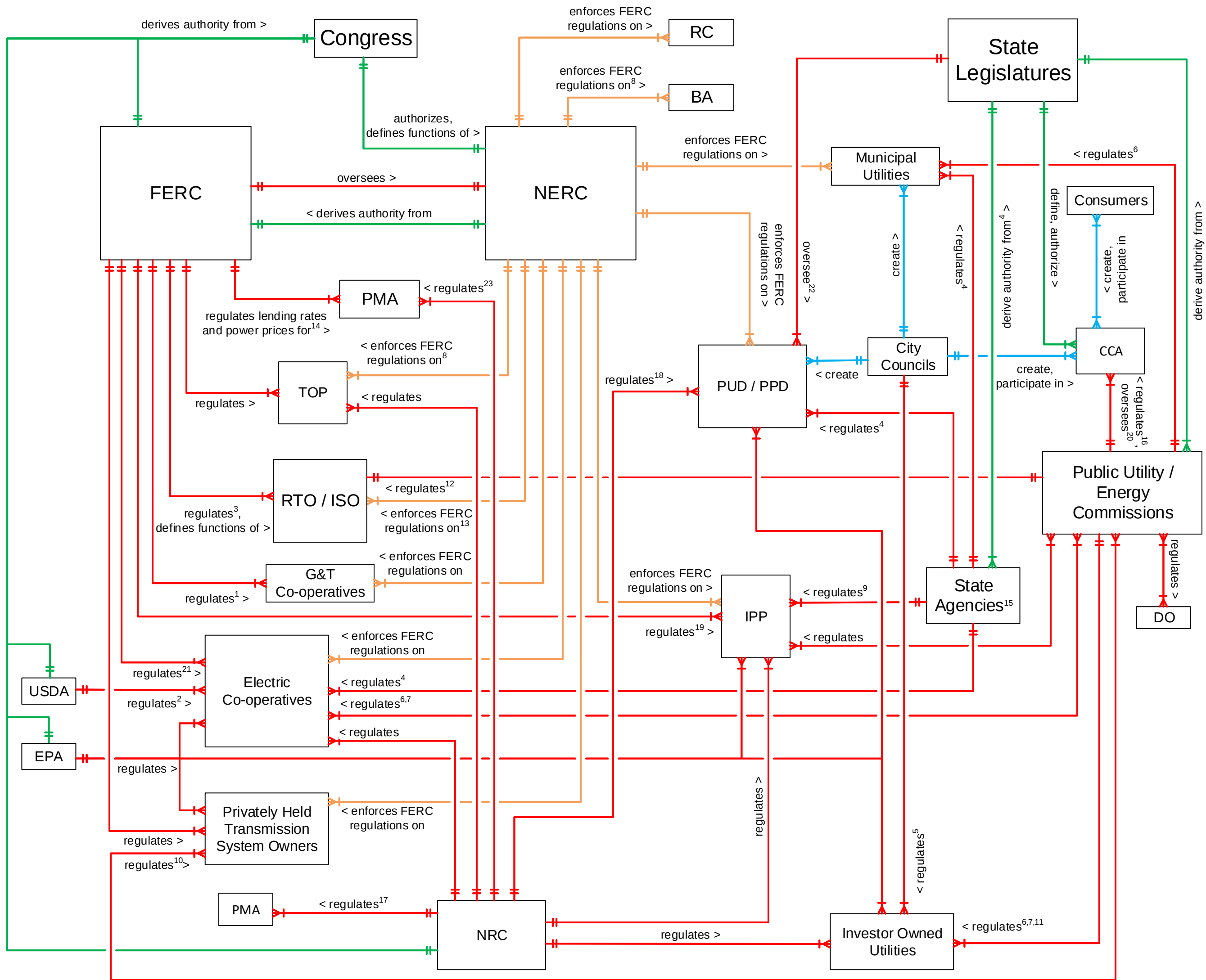
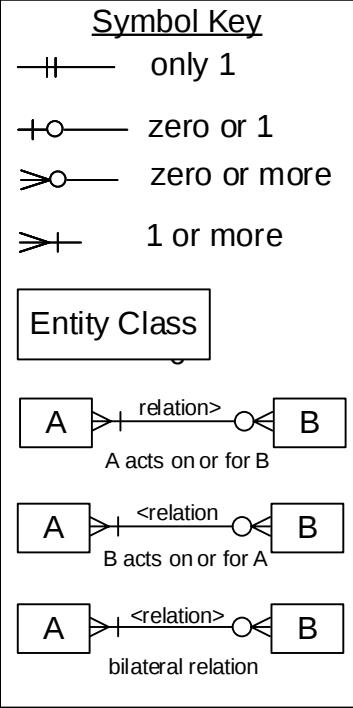


Regulatory Structure Model for United States Electric Sector



- Notes**
1. Unless indebted to USDA Rural Utilities Service (RUS).
 2. Through rural development loan covenants with the USDA Rural Utilities Service.
 3. Small co-ops, and large co-ops with USDA Rural Utilities Service (RUS) debt, are both exempt.
 4. E.g. Nebraska Power Review Board, a state agency created by the state legislature in 1963, regulates Nebraska publicly-owned electrical utilities.
 5. E.g. New Orleans city council regulates Entergy New Orleans, Inc. and Entergy Louisiana, Inc.
 6. Alaska electricity is regulated by the Regulatory Commission of Alaska.
 7. Electric grid reliability, which is normally mandated and enforced by FERC/NERC in North America, is supported by the Hawaii Public Utility Commission, in close coordination with public utilities and IPP's, for the state of Hawaii.
 8. Except Hawaii (see note 7) and Alaska.
 9. E.g. Regulatory Commission of Alaska.
 10. E.g. Guidelines, permitting and approval for construction and/or upgrades of transmission lines.
 11. Except Nebraska. See note 4.
 12. ERCOT is regulated by the Texas Public Utility Commission.
 13. Except ERCOT. See note 12. Alaska is not part of an ISO or RTO.
 14. Limited authority.
 15. State agencies nominally include state power review boards, state regulatory commissions, and environmental conservation, water and natural resource departments.
 16. CCA programs are supported in California, Illinois, Massachusetts, New Jersey, New York, Ohio, and Rhode Island. State-level public utility/service/ commerce commissions/departments certify and regulate CCA's. CCA's are also known as Municipal Energy Aggregators (MEA) in some states.
 17. E.g. TVA nuclear plants.
 18. E.g. Fort Calhoun nuclear generating station is owned by Omaha PPD and NRC licensed.
 19. Regulates sale of power at wholesale.
 20. E.g. California PUC requires some informational filings.
 21. FERC regulates some co-ops but not if USDA does. See note 12.
 22. E.g. Nebraska.
 23. E.g. TVA

Nomenclature	
BA – Balancing Authorities	NRC – Nuclear Regulatory Commission
CCA – Community Choice Aggregators	PMA – Power Marketing Administrations
DO – Distribution Operators	PPD – Public Power District
EPA – Environmental Protection Agency	PUD – Public Utility District
FERC – Federal Energy Regulatory Commission	RC – Reliability Coordinators
IPP – Independent Power Producers	RTO – Regional Transmission Organizations
ISO – Independent System Operators	TOP – Transmission Operators
NERC – North American Electric Reliability Coordinator	USDA – United States Department of Agriculture