

Conceptual Clean Energy Code Draft

14.11.020 Allowed uses.

(1) The uses shown in the table below are allowed in the specified zones. For development standards for these uses, see the use section in SCC Chapter 14.18.

Table 14.11.020-1 Allowed Uses in the Rural Mixed-Use Zones

	RI	RRv	RVR	RC	RVC	RVC Alger	OSRSI
Energy Uses							
Minor Fusion SMR Facilities							
Major Fusion SMR Facilities							

14.12.020 Allowed uses.

(1) The uses shown in the table below are allowed in the specified zones. For development standards for these uses, see the use section in SCC Chapter [14.18](#).

Table 14.12.020-1 Allowed Uses in the Rural Commercial/Industrial Zones

	RB	RFS	SSB	NRI	RMI	SRT
Energy Uses						
Minor Fusion SMR Facilities						
Major Fusion SMR Facilities						

14.13.020 Allowed uses.

(1) The uses shown in the table below are allowed in the zones to which this Chapter applies. For development standards for these uses, see the use section in SCC Chapter 14.18.

Table 14.13.020-1 Allowed Uses in the Natural Resource Zones

	Ag-NRL	IF-NRL	SF-NRL	RRc-NRL
Energy Uses				
Minor Fusion SMR Facilities				
Major Fusion SMR Facilities				

14.15.020 Allowed uses.

(1) The uses shown in the table below are allowed in the specified zones. For development standards for these uses, see the use section in SCC Chapter 14.18.

Table 14.15.020-1 Allowed Uses in the Bayview Ridge UGA Zones

	AVR	BR-LI	BR-HI	BR-R
Energy Uses				
Minor Fusion SMR Facilities				
Major Fusion SMR Facilities				

14.18.920 Fusion SMRs

(1) Conceptual Definition. *Definition could include advanced facilities that are smaller than conventional nuclear power facilities, modular in design, meaning components may be factory assembled and transported for installation, and utilize nuclear fusion reactions for fuel generation. Additional definitions applicable to fusion SMR facilities can also be added to definitions chapter (SCC 14.04).*

(2) Types. *(Possible way to separate utility scale vs solar as an accessory use)*

- (a) Minor Fusion SMR Facilities. Minor fusion SMR facilities are facilities installed at or near the locations where the energy is both generated and used. Their use is dedicated for a specific purpose other than a grid (distribution or transmission) interconnection. **The total output of these facilities is generally less than 3MW in size.**
- (b) Major Fusion SMR Facilities. Major fusion SMR facilities have a combined output equal to or more than **3MW** and may ultimately interconnect into electric transmission networks.

(3) Submittal requirements. *Submittal requirements could include:*

- *Project studies (e.g. noise, radiological impacts, geologic suitability, air quality, visual, hydrology, traffic, socioeconomic studies)*
- *Decommissioning plan*
- *Human, health and safety plan*
- *Materials transportation plan*
- *Waste management plan*

(4) Development standards. *Development standards could include:*

- *Prohibition or limitation on facilities converting Natural Resource Lands*
- *Screening and fencing requirements*
- *Lighting to be shielded and downward facing to contain light within the perimeter of the facility unless necessary to meet county, state, or federal requirement.*
- *Setbacks for equipment consistent with underlying zoning setbacks*
- *Setbacks to residences*
- *Building lot coverage limitations*
- *Maximum height standards for infrastructure*
- *Standards for accessory uses*
- *Requirement that construction and operation of all facilities shall be consistent with applicable local, state, and federal regulations, including but not limited to, safety, construction, electrical, communication, building codes, critical area regulations, and fire requirements.*
- ***Requirement that facility obtains necessary and applicable technological and safety certifications and licenses prior to siting process.***
- *Abandonment and Decommissioning*
 - *Set removal timeframe when fuel is not being produced.*
 - *Notice of Abandonment process*
 - *Decommissioning requirements*
 - *Financial guarantees*
 - *Removal of equipment*
 - *Restoration of site*