

SCHEDULE A – CURRENT SOLAR POWER PROVISIONS FROM LAND USE BYLAW

SOLAR POWER SYSTEM, COMMERCIAL any device used to collect sunlight that is part of a system used to convert radiant energy from the sun into thermal or electrical energy for uses not located on-site (the lands containing the system and/or adjacent lands owned by the same owner) or for distribution and/or sale off-site.

SOLAR POWER SYSTEM, PERSONAL means any device used to collect sunlight that is part of a system used to convert radiant energy from the sun into thermal or electrical energy for a single landowner, resident, or occupant of a site, for personal, domestic, and/or agriculture uses on-site. Annual electricity produced for the site is generally expected to be equal to consumption.

SECTION 4.2.1.18 (NO DEVELOPMENT PERMIT REQUIRED FOR POWER SYSTEM, PERSONAL)

- a. The installation is to be used for on-site personal household and/or agricultural purposes only; and
- b. Solar array for personal use mounted on the wall or roof of an approved building, provided:
 - i. all does not exceed the maximum building height when the array is placed at its highest proposed angle; and
 - ii. all equipment meets all minimum setback requirements for the applicable land use district.
- c. Solar array for personal use ground/pole/ or fence mounted, provided:
 - i. solar panels and associated equipment for low-voltage systems (for example but not limited to solar fence chargers, trickle chargers, and gate systems) where the solar array is no greater than 1m² in size and all equipment does not exceed the maximum building height when the array is placed at its highest proposed angle; and
 - ii. solar panels and associated equipment where the solar array are in excess of 1m² but no greater than 10m² in size and meets the following:
 - a. does not exceed the maximum building height when the array is placed at its highest proposed.
 - b. is setback 2X (double) the minimum side and rear yard setback requirement for the applicable land use district.
- d. The lot coverage, including all new structures constructed in conjunction with the solar equipment does not exceed the overall lot requirements for the site as outlined in the development requirements of the applicable land use district.
- e. There is no alteration to drainage or the overland flow of water within, or off a property without prior approval from the County or Alberta Environment.
- f. The addition of any accessory building in conjunction with the array (whether for mounting, battery storage, or similar purposes) which meets the sq. ft. requirement allowed for accessory buildings under Table 4.2.1.7 A.

- g. It meets all provisions outlined in Section 10.22 of this bylaw pertaining to solar power system, personal.

SOLAR POWER EQUIPMENT, PERSONAL

- 10.22.1 Section 4.2.1.18 of this bylaw outlines where no Development Permit is required for the construction of solar power equipment on lands in the County. All other instances requiring a Development Permit. It is the landowner's responsibility to ensure that they have obtained all necessary permits.
- 10.22.2 All solar power system requiring a permit are considered a discretionary use and will require an approved Development Permit prior to commencement of construction in order to manage off site impacts of these facilities.
- 10.22.3 The landowner is responsible to ensure any required safety code permits are obtained from the County and compliance with any Provincial or Federal regulatory body having jurisdiction with respect to such installations.
- 10.22.4 Solar power system installed on lands within the Highway 2A Industrial Area ASP are considered a discretionary use when constructed in conjunction with an approved development and when it meets the following criteria:
- a. All installations must meet minimum setback distances in accordance with the applicable land use district.
 - b. Equipment (including roof mounts) overall height may not exceed the maximum building height when the array is placed at its' maximum proposed angle.
 - c. Installation and construction are in accordance with the Highway 2A Corridor Design Guidelines.
- 10.22.5 Solar power systems, commercial will require approval by Council through redesignation to Direct Control and subsequent Development Permit approval.

Land Use Districts:

- Solar power, commercial is a discretionary use under General Industry and Industrial Edge.
- Solar power system personal and commercial are both listed as permitted under DC#34.