

SCHEDULE 6.11. ELECTRICITY GENERATION AND ASSOCIATED FACILITIES

Electricity generation facilities provided for in this schedule and the activities associated with them which may be undertaken on the land so identified on the District Planning Maps and described in the schedule shall include:

“OPERATION”: the working of a electricity generation facility on a day-to-day basis to generate and transmit electricity (for example, with respect to a scheduled hydro scheme activities include the control of lake levels, access requirements, excluding the public, storage of goods and materials, signs, provision of jetties).

“MAINTENANCE”: the undertaking of work necessary to keep an electricity generation facility operating at an efficient and safe level (for example, activities include erosion and flood control, weed and sediment control, access requirements, maintenance of plant, machinery or structures, monitoring of operations).

“ENHANCEMENT”: the improvement of an electricity generation facility (for example, activities include landscaping, planting, painting, refurbishment of buildings).

“REFURBISHMENT OR UPGRADING”: the upgrade, replacement or renewal of existing plant, machinery or structures to gain efficiencies in generating and transmitting electricity provided this does not increase the scheduled footprint of the facility. This includes work involving all structures, infrastructure and buildings, access roads and tracks, earthworks and the deposit of materials. A gain in efficiency of generation under this definition includes increases in installed generating capacity of the **Scheduled Footprint or ‘Existing Envelope’** (as defined in Section 5) by replacement of turbines that have higher energy generation capacity.

Activities specifically provided for at scheduled electricity generation and associated facilities include:

- (a) Control of erosion and flooding including planting of vegetation and protection works.
- (b) Removal of vegetation or materials required for dam safety surveys, or that may impede the efficient operation of the facility or cause danger, injury or damage to persons or property.
- (c) Exclusion of the public from facilities for public safety or security reasons.
- (d) Erection of signs or notices giving warning of danger.
- (e) The establishment and maintenance of jetties, wharves, landing places and slipways required for the efficient operation of the facility (subject to any Regional Council approvals required).
- (f) Access tracks and roads to facilities or to erosion and flooding control works provided any significant adverse visual effects are appropriately mitigated or remedied.
- (g) Ancillary buildings and structures associated with the facility that comply with the District Plan building requirements.
- (h) Earthworks, quarrying and depositing of material in association with the facility provided any significant adverse visual effects visible off site are appropriately screened.
- (i) The storage of goods and materials associated with the operation or maintenance of the facility.
- (j) The stabilisation of landslides affecting any facility provided any significant adverse visual effects visible off site are appropriately screened.

- (k) Periodic inspections including dam safety surveys to verify the integrity of and security of all systems (including oil, water and gas systems which are associated with the transmission of electricity) and structures associated with the generation or transmission of electricity.
- (l) Digging test pits, drilling boreholes, constructing investigation drives and removing samples to investigate geological conditions.
- (m) The installation of instruments into drill holes for monitoring groundwater levels and land movement.
- (n) Erecting survey monuments and installing instruments to monitor land movement.
- (o) Installing flumes and weirs to measure water flows.
- (p) Erecting telemetry stations for the transmission of instrument data.
- (q) Installing gauges to measure precipitation.
- (r) Installing microseismic stations to measure microseismic activity and ground noise.
- (s) Constructing surface drainage works and drilling boreholes and constructing tunnels under landslide areas to drain excess groundwater.
- (t) Such other works that are reasonably necessary within landslide areas for land stabilisation purposes.
- (u) Installing underground power transmission and communication cables.
- (v) The erection and operation of temporary wind monitoring devices provided the structures are to be in place no more than 5 years and Civil Aviation Authority approval is received.

All such activities are subject to conditions that are specified for each facility as listed below:

CONDITIONS APPLICABLE TO ALL FACILITIES:

1. In carrying out the activities identified above, any ground that is temporarily disturbed by such activities shall be reinstated to a condition no less than that which existed prior to the commencement of the work. Should ground disturbance be required to be undertaken in areas adjoining Public Conservation Land and/or land located within the tables identified Rule 1(b) above, plant and machinery shall be effectively cleaned of weed seeds and/or weed material prior to work commencing. Reinstatement of indigenous vegetation shall be on a "like with like" basis and its success will be monitored and any plants with wilding potential shall not be planted (see the Canterbury/Otago "Plant Me Instead" guide – refer to the "Weedbuster" website).