

\*APPLICATION FOR PERMIT

"CERTIFICATE NO. 57893"

To Appropriate the Public Waters of the State of Oregon

I, Portland General Electric Company (Name of applicant) of 621 S. W. Alder Street - Portland (Mailing address), State of Oregon 97205, do hereby make application for a permit to appropriate the following described public waters of the State of Oregon, SUBJECT TO EXISTING RIGHTS:

If the applicant is a corporation, give date and place of incorporation July 25, 1930 Portland, Oregon

1. The source of the proposed appropriation is Bradbury Slough (Name of stream), a tributary of Columbia River at River Mile .55

2. The amount of water which the applicant intends to apply to beneficial use is 11.3 cubic feet per second. 8 cfs - service water and 3.3 cfs - fire system test (If water is to be used from more than one source, give quantity from each)

\*\*3. The use to which the water is to be applied is Thermal Power Generation Plant (Irrigation, power, mining, manufacturing, domestic supplies, etc.)

4. The point of diversion is located 2800 ft. North and 560 ft. West from the Southeast corner of the Northeast quarter of Section 22, Township 8 North, Range 4 West, Willamette Meridian. (Section or subdivision)

(If preferable, give distance and bearing to section corner)

(If there is more than one point of diversion, each must be described. Use separate sheet if necessary)

being within the Southeast 1/4 of Southeast 1/4 of Sec. 15, Tp. 8 North, R. 4 West, W. M., in the county of Columbia (Give smallest legal subdivision) (N. or S.) (E. or W.)

5. The pipe lines to be 6000 feet (Main ditch, canal or pipe line) 1/4 (Miles or feet) in length, terminating in the Southeast 1/4 of Southeast of Sec. 16, Tp. 8 North, R. 4 West, W. M., the proposed location being shown throughout on the accompanying map. (Smallest legal subdivision) (N. or S.) (E. or W.)

DESCRIPTION OF WORKS

Diversion Works—

6. (a) Height of dam feet, length on top feet, length at bottom feet; material to be used and character of construction (Loose rock, concrete, masonry, rock and brush, timber crib, etc., wasteway over or around dam)

(b) Description of headgate Concrete structure with 2 openings 10'0" high x 11'2" wide with trash racks and traveling screens (Timber, concrete, etc., number and size of openings)

(c) If water is to be pumped give general description 4 - 1200 gpm at 210', 100 hp vertical turbine service water pumps (1 standby) (Size and type of engine or motor to be used, total head water is to be lifted, etc.)

\*A different form of application is provided where storage works are contemplated.

\*\*Application for permits to appropriate water for the generation of electricity, with the exception of municipalities, must be made to the Hydroelectric Commission. Either of the above forms may be secured, without cost, together with instructions by addressing the State Engineer, Salem, Oregon.

Canal System or Pipe Line—

7. (a) Give dimensions at each point of canal where materially changed in size, stating miles from headgate. At headgate: width on top (at water line) ..... feet; width on bottom ..... feet; depth of water ..... feet; grade ..... feet fall per one thousand feet.

(b) At ..... miles from headgate: width on top (at water line) ..... feet; width on bottom ..... feet; depth of water ..... feet; grade ..... feet fall per one thousand feet.

(c) Length of pipe, ..... 6000 ..... ft.; size at intake, (2) 14 ..... in.; size at ..... ft. from intake ..... in.; size at place of use ..... 14 ..... in.; difference in elevation between intake and place of use, ..... ft. Is grade uniform? ..... Estimated capacity, ..... sec. ft.

8. Location of area to be irrigated, or place of use .....

Township North or South	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
8 North	4 West	15	SW 1/4 of SW 1/4	
8 North	4 West	16	SE 1/4 of SE 1/4	
		22	NW 1/4 of NW 1/4	
		21	NE 1/4 of NE 1/4	

(If more space required, attach separate sheet)

(a) Character of soil .....

(b) Kind of crops raised .....

Power or Mining Purposes—

9. (a) Total amount of power to be developed ..... theoretical horsepower.

(b) Quantity of water to be used for power ..... sec. ft.

(c) Total fall to be utilized ..... feet.  
(Head)

(d) The nature of the works by means of which the power is to be developed .....

(e) Such works to be located in ..... of Sec. ....  
(Legal subdivision)

Tp. ...., R. ...., W. M. ....  
(No. N. or S.) (No. E. or W.)

(f) Is water to be returned to any stream? .....  
(Yes or No)

(g) If so, name stream and locate point of return .....

....., Sec. ...., Tp. ...., R. ...., W. M. ....  
(No. N. or S.) (No. E. or W.)

(h) The use to which power is to be applied is .....


(i) The nature of the mines to be served .....

10. (a) To supply the city of \_\_\_\_\_  
\_\_\_\_\_  
(Name of) \_\_\_\_\_ County, having a present population of \_\_\_\_\_  
and an estimated population of \_\_\_\_\_ in 19\_\_\_\_\_

(b) If for domestic use state number of families to be supplied \_\_\_\_\_

(Answer questions 11, 12, 13, and 14 in all cases)

- 11. Estimated cost of proposed works, \$ \_\_\_\_\_
- 12. Construction work will begin on or before \_\_\_\_\_ started
- 13. Construction work will be completed on or before \_\_\_\_\_ 12/77
- 14. The water will be completely applied to the proposed use on or before \_\_\_\_\_ 12/78

  
(Signature of applicant)  
Permit Section Supervisor

Remarks: The water needed for general plant operation will include: Boiler  
makeup, turbine injection, oil treating, non-contact cooling, cooling tower makeup,  
potable water, and testing of the fire suppression system.

STATE OF OREGON, }  
County of Marion, } ss.

This is to certify that I have examined the foregoing application, together with the accompanying  
maps and data, and return the same for \_\_\_\_\_

In order to retain its priority, this application must be returned to the State Engineer, with correc-  
tions on or before \_\_\_\_\_, 19\_\_\_\_\_

WITNESS my hand this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_\_

STATE ENGINEER

By \_\_\_\_\_

ASSISTANT

STATE OF OREGON, }  
County of Marion, } ss.

PERMIT  
41506

This is to certify that I have examined the foregoing application and do hereby grant the same, SUBJECT TO EXISTING RIGHTS and the following limitations and conditions:

The right herein granted is limited to the amount of water which can be applied to beneficial use and shall not exceed 11.3 cubic feet per second measured at the point of diversion from the stream, or its equivalent in case of rotation with other water users, from Bradbury Slough

The use to which this water is to be applied is thermal power generation plant including maintenance of fire system being 8.0 cubic feet per second for service water and 3.3 cubic feet per second for fire system.

If for irrigation, this appropriation shall be limited to \_\_\_\_\_ of one cubic foot per second or its equivalent for each acre irrigated \_\_\_\_\_

and shall be subject to such reasonable rotation system as may be ordered by the proper state officer.

The priority date of this permit is March 24, 1977

Actual construction work shall begin on or before April 27, 1978 and shall

thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1978.

Extended to Oct. 1 1980

Complete application of the water to the proposed use shall be made on or before October 1, 1979.

Extended to Oct. 1 1980

WITNESS my hand this 27th day of April 1977

*James E. Lyson*  
WATER RESOURCES DIRECTOR

Application No. 55545  
Permit No. 41506

**PERMIT**  
TO APPROPRIATE THE PUBLIC  
WATERS OF THE STATE  
OF OREGON

This instrument was first received in the  
office of the State Engineer at Salem, Oregon,  
on the 24 day of March  
1977, at 1:00 o'clock P. M.

Returned to applicant:

Approved:

Recorded in book No. \_\_\_\_\_ of  
41506  
Permits on page \_\_\_\_\_

STATE ENGINEER

Drainage Basin No. 1 page 6w

Fees 20.00