



THE STATE OF NEVADA

PERMIT TO CHANGE THE PUBLIC WATERS OF THE STATE OF NEVADA HERETOFORE APPROPRIATED

Name of Permittee: NEVADA POWER COMPANY
Source: UNDERGROUND
Basin: MUDDY RIVER SPRINGS AREA (UPPER MOAPA)
Manner of Use: INDUSTRIAL
Period of Use: JANUARY 1ST THROUGH DECEMBER 31ST
Priority Date: 07/07/1970

APPROVAL OF STATE ENGINEER

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

This permit, to change the point of diversion of the waters of an underground source as heretofore granted under Permit 79067, is issued subject to the terms and conditions imposed in said Permit 79067 and with the understanding that no other rights on the source will be affected by the change proposed herein. This well shall be equipped with a two (2) inch opening for measuring depth to water. A totalizing meter must be installed and maintained in the discharge pipeline near the point of diversion and accurate measurements must be kept of water placed to beneficial use. The totalizing meter must be installed before any use of the water begins or before the proof of completion of work is filed. If the well is flowing, a valve must be installed and maintained to prevent waste. This source is located within an area designated by the State Engineer pursuant to NRS 534.030. The State retains the right to regulate the use of the water herein granted at any and all times.

The permittee shall keep monthly records of the amount of water pumped from this well and the records must be submitted to the State Engineer on an annual basis within 30 days after the end of each calendar year.

The well must be sealed with cement grout, concrete grout or neat cement from ground level to 100 feet.

The total combined duty of water under Permits 80843, 80844, 80845, 80846, 80847 and 85156 being fully supplemental shall not exceed 322.17 acre-feet annually.

The total combined duty of water under Permits 44313, 44315, 44316, 44317, 44318, 45218, 45219, 45220, 50559, 22632, 22633, 22635, 22636, 22949, 22950, 22951, 22952, 24185, 24186, 25310, 29296, 29298, 50272, 50273, 50275, 50934, 75161E, 79068, 80843, 80844, 80845, 80846, 80847 and 85156 shall not exceed 6,904.87 acre-feet annually.

A maximum of 4154.70 acre-feet annually of groundwater may be pumped from Hydrographic Basin 205 (Lower Meadow Valley Wash) under Permits 44313, 44315, 44316, 44317, 44318, 45218, 45219, and 45220.

(Continued on Page 2)

A maximum of 361.98 acre-feet annually of groundwater may be pumped from Hydrographic Basin 218 (California Wash) under Permit 50559.

A maximum of 4566.38 acre-feet annually of groundwater may be pumped from Hydrographic Basin 219 (Muddy River Springs Area), under Permits 22632, 22633, 22635, 22636, 22949, 22950, 22951, 22952, 24185, 24186, 25310, 29296, 29298, 50272, 50273, 50275, 50934, 75161E, 79068, 80843, 80844, 80845, 80846, 80847 and 85156.

If any water under this permit is cancelled or any water is not put to beneficial use, it will revert to the groundwater source and not back to the base water right.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

The point of diversion and place of use are as described on the submitted application to support this permit.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **and not to exceed 0.445 cubic feet per second or 322.17 acre-feet annually.**

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before: **Filed Under 80847 on November 08, 2012**

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before: **September 28 2017**

Map in support of proof of beneficial use shall be filed on or before: **N/A**

IN TESTIMONY WHEREOF, I, JASON KING, P.E.,

State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 28th day of **September, 2015**

K. L. Smith P.E.
for State Engineer

APPLICATION FOR PERMISSION TO CHANGE POINT OF DIVERSION, MANNER OF USE AND PLACE OF USE OF THE PUBLIC WATERS OF THE STATE OF NEVADA HERETOFORE APPROPRIATED

THIS SPACE FOR OFFICE USE ONLY

Date of filing in State Engineer's Office MAY 08 2015

Returned to applicant for correction _____

Corrected application filed _____ Map filed Oct 18 2010 under 80167

The applicant Nevada Power Company
6226 W. Sahara Ave of Las Vegas
Street Address or PO Box City or Town
NV 89146 hereby make(s) application for permission to change the
State and ZIP Code

- Point of diversion Place of use Manner of use of a portion

of water heretofore appropriated under (Identify existing rights by Permit, Certificate, Proof or Claim Nos. If Decreed, give title of Decree and identify right in Decree.)
79067

1. The source of water is underground
Name of stream, lake, underground, spring or other sources.

2. The amount of water to be changed 322.17 AFA
Second feet, acre-feet. One second foot equals 448.83 gallons per minute.

3. The water to be used for Industrial
Irrigation, power, mining, commercial, etc. If for stock, state number and kind of animals. Must limit to one major use

4. The water heretofore used for Industrial
If for stock, state number and kind of animals.

5. The water is to be diverted at the following point (Describe as being within a 40-acre subdivision of public survey and by course and distance to a found section corner. If on unsurveyed land, it should be stated.)
within the NW 1/4 of the SE 1/4 Section 8, T14S, R65E, MDBM, or at a point from which the N4 corner of said Section 8 bears North 15° 00' 02" West 3191.57 feet

6. The existing point of diversion is located within (If point of diversion is not changed, do not answer.)
Within the SE 1/4 SW 1/4 of Section 14, T14S, R65E, MDMB or at point from which the SW corner of said Section 14 bears South 49° 38' 34" West a distance of 1791.17 feet.

*MRSA-(umv)
 13-219
 CL*

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7. Proposed place of use (Describe by legal subdivisions. If for irrigation, state number of acres to be irrigated.)

See attached Supplemental Sheet

8. Existing place of use (Describe by legal subdivisions. If changing place of use and/or manner of use of irrigation permit, describe acreage to be removed from irrigation.)

See attached Supplemental Sheet

9. Proposed use will be from 0101 to 1231 of each year.
Month and Day Month and Day

10. Existing use permitted from 0101 to 1231 of each year.
Month and Day Month and Day

11. Description of proposed works. (Under the provision of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e., diversion structure, ditches, pipes and flumes or drilled well, pump and motor, etc.)

See Attached Supplemental Sheet

12. Estimated cost of works \$0

13. Estimated time required to construct works existing. Well is that described in log no 10852

If well completed, describe well.

14. Estimated time required to complete the application of water to beneficial use 1 year

15. Provide a detailed description of the proposed project and its water usage (use attachments if necessary); (Failure to provide a detailed description may cause a delay in processing.)

See Attached Supplemental Sheet

16. Miscellaneous remarks:

See Attached Supplemental Sheet

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ACasey@NVEnergy.com
E-mail Address
702-402-5986
Phone No. Ext.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

Ann Casey 5-6-15
Type or print name clearly

Signature, applicant or agent
Nevada Power Company dba NV Energy
Company Name
6226 W. Sahara Ave. MS 25
Street Address or PO Box
Las Vegas, NV 89146
City, State, ZIP Code

Application for Change Supplemental

7. Proposed Place of Use: No change requested to existing place of use described below.

8. Existing Place of Use:

Area 1: SW $\frac{1}{4}$ and the SW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 5, T15S, R66E, MDM, Clark County, NV

Area 2: E $\frac{1}{2}$ of the NW $\frac{1}{4}$, W $\frac{1}{2}$ of the NE $\frac{1}{4}$, and the SE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of Section 7, T15S, R66E, MDM, Clark County, NV

Area 3: SE $\frac{1}{4}$ and the E $\frac{1}{2}$ of the SW $\frac{1}{4}$ of Section 7, T15S, R66E, MDM, Clark County, NV

Together therewith:

S $\frac{1}{2}$ of Section 8, T15S, R66E, MDM, Clark County, NV Excepting therefrom:

NW $\frac{1}{4}$ of the NW $\frac{1}{4}$ and the NE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of the NW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of said Section 8

11. Description of Proposed Works: Propose to use existing well known as Lewis Well #5 under well log No. 10852 and associated facilities.

15. Project and Water Usage Description: Delivery of water to the Reid Gardner raw water ponds for use at the Reid Gardner Generating Station.

16. Miscellaneous Remarks: Permits 80843-80847 are diversionary wells in the Lewis Well Field consisting of Lewis Wells #1 – 5 as shown on Map 80167 (Lewis Wells #1-5), and on Maps 24185 (Lewis Well #1) and 21261 (Lewis Wells #2-5). These permits are supplemental to Permit 79067. Together, these six wells serve as a single system with a total combined duty of 322.17 AFA. NV Energy would now like to remove the well associated with Permit 79067 from the system, such that the system includes only the five Lewis Wells without change to the total combined duty.

To do this NV Energy is submitting this Application to Change the Point of Diversion for 79067 to the existing Lewis Well #5 associated with Permit 80847, along with a Proof of Completion with existing Well Log 10852 and a concurrent request to withdraw Permit 80847 upon granting of the Application for Change and Proof of Completion.

The total combined duty under Permits 80843-80846 along with the replacement for 80847 remains unchanged and will not exceed 322.17 AFA.

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