

## Commission Actions for Active Geothermal Leases

Updated June-2015

### THE GEYSERS GEOTHERMAL FIELD

#### **PRC 4596**

- 05/27/71 Approved Conversion of Geothermal Prospecting Permits into Lease, Union Oil Co.
- 04/27/72 Approved Assignment of 25% Interest to Magma Power Co., 25% to Thermal Power Co.
- 07/06/72 Approved Sales Contract between Union Oil Co. and PG&E.
- 04/04/74 Approved Declaration of Geothermal Pooling (PRC 4596, 4597).
- 08/21/75 Approved Proposed Drilling of well DX 28.
- 03/25/76 Approved Proposed Drilling of well DX 26, 27.
- 04/28/76 Approved Proposed Drilling of well DX 29.
- 07/22/76 Approved Proposed Drilling of well DX 30, 31.
- 09/30/76 Approved Proposed Drilling of well OS 23, 24.
- 04/28/77 Approved Proposed Drilling of well DX 32, 37.
- 06/30/77 Approved Proposed Drilling of well DX 33, 34, 35, 36.
- 01/26/78 Approved Proposed Drilling of well DX 38, 39, OS25.
- 03/15/78 Approved Proposed Drilling of well DX 43, 44.
- 04/27/78 Approved Proposed Drilling of well DX 40, 41, 42.
- 08/23/79 Approved Proposed Construction of 15 sites, Drilling of 42 wells for Unit 17 and Units 9-10.
- 03/15/80 Approved Amendment Modifying Period for Renegotiation.
- 08/26/80 Approved Proposed Drilling of 4 wells for Unit 11.
- 12/22/83 Approved Blanket Bond (PRC 4596, 4597, 6422, 6423).
- 03/22/84 Approved Settlement, Accounting Procedures for Effluent Disposal Revenue.
- 06/30/92 Approved Agreements for Sale of Steam.
- 10/17/95 Approved Agreement for Temporary Steam Price.
- 02/27/96 Approved Price Determination for Sale of Incremental Steam.
- 04/13/99 Approved Assignment of 100% Interest to Geysers Power Co., subsidiary of Calpine.
- 04/13/99 Approved Amendment Modifying Royalty Provision.
- 03/25/08 Approved Amendment Adding 158 Acres (former PRC 6423).

#### **PRC 4597**

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- 04/04/74 Approved Declaration of Geothermal Pooling (PRC 4596, 4597).
- 10/15/75 Approved Proposed Drilling of well LF 20.
- 07/22/76 Approved Proposed Drilling of well LFH 2.
- 05/26/77 Approved Proposed Drilling of well LFH 3.
- 06/30/77 Approved Proposed Drilling of well LF 25, 26, 27.
- 08/25/77 Approved Proposed Drilling of well LF 21, 22, 23, 24.

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04/13/99 Approved Amendment Modifying Royalty Provision.

### **PRC 5206**

12/01/75 Authorized Staff to Conduct Competitive Bid Lease Sale.  
09/30/76 Approved High Bid, Authorized Notif. of Surf. Owner, Issuance of Lease to Davies Estate Trust.  
12/15/76 Approved Assignment to Natomas Co.  
04/25/85 Approved Assignment to Phillips Petroleum Co.  
10/23/86 Approved Assignment to Freeport Geothermal Resources Co.  
01/21/88 Approved Steam Price Formula.  
01/21/88 Approved Consent to Encumber.  
06/11/90 Approved Assignment to FMRP and Santa Rosa Geothermal Co., and Consent to Encumber.  
03/08/94 Approved Modification of Steam Price Formula and Royalty Rate.  
11/27/00 Approved Assignment to Geysers Power Co., subsidiary of Calpine.  
07/13/07 Approved Amendment to Modify Royalty and Net Profit Provisions.

### **PRC 6422**

12/22/83 Approved Blanket Bond (PRC 4596, 4597, 6422, 6423).  
03/22/84 Approved Settlement, Accounting Procedures for Effluent Disposal Revenue.  
06/30/92 Approved Agreements for Sale of Steam.  
10/17/95 Approved Agreement for Temporary Steam Price.  
02/27/96 Approved Price Determination for Sale of Incremental Steam.  
04/13/99 Approved Assignment of 100% Interest to Geysers Power Co., subsidiary of Calpine.  
04/13/99 Approved Amendment Modifying Royalty Provision.

### **PRC 7845**

07/06/95 Approved Issuance of Negotiated (Subsurface) Lease to Santa Fe Geothermal, Inc.  
02/12/97 Approved Consent to Hypothecation of Lease.  
12/03/99 Approved Amendment Modifying Royalty and Bonding Provisions.  
12/08/05 Approved Assignment to Geysers Power Co., subsidiary of Calpine.

### **PRC 8856**

## Commission Actions for Active Geothermal Leases

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08/17/04 Approved Issuance of Negotiated Lease to WHR, Inc.  
08/17/04 Approved Assignment to Geysers Power Co., subsidiary of Calpine.  
04/26/05 Approved Amendment Adding 224 Acres (former PRC 7810).  
08/24/06 Approved Amendment Authorizing Development Activity  
09/13/07 Approved Amendment Deferring Drill Obligation.  
06/24/08 Approved Amendment Authorizing Three Additional Exploratory Wells  
04/06/10 Approved Assignment to CPN Wild Horse Geothermal LLC, subsidiary of Calpine.  
10/29/10 Approved Amendment Authorizing Further Development Activity  
02/08/11 Approved Amendment of extending primary term from 7 to 10 years.  
06/19/14 Approved Amendment allowing Parcel 3 to be held by injection.

### **PRC 8844**

08/11/09 Approved Issuance of Negotiated Lease to Geysers Power Co., subsidiary of Calpine.  
04/06/10 Approved Assignment to CPN Wild Horse Geothermal LLC, subsidiary of Calpine.

### **PRC 9001**

8/14/2012 Approved Issuance of Prospecting Permit to High Valley, LLC (1,383 acres of School Lands) Expired 11/30/2014

### **IMPERIAL VALLEY**

### **PRC 7621**

03/02/92 Approved Issuance of Negotiated (Subsurface) Lease to Magma Power Co.  
04/24/01 Approved Amendment and Restatement of Lease.  
03/25/08 Approved Amendment Waiving Right to Termination for Failure to Meet Construction Obligation.  
04/06/11 Approved Amendment and Restatement of Lease (535 acres to PRC 8916)

### **PRC 8916**

04/06/11 Approved Issuance of Negotiated Lease to Magma Power Co. (535 acres from PRC 7621)

### **PRC 9000.1**

08/14/12 Approved Issuance of Lease to EnergySource, LLC (40 acres of Sovereign Lands).

### **PRC 9116.0**

## Commission Actions for Active Geothermal Leases

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- 02/21/14 Approved Issuance of Negotiated Lease to Imperial Wells Power, LLC (1571 acres of State proprietary land.
- 02/20/15 Approved partial Quitclaim of 246 acres of the original 1571 acres of State proprietary land.

### **PRC 9115.2**

- 02/21/14 Approved Issuance of Negotiated Lease to Imperial Wells Power, LLC (40 acres of School lands.
- 02/20/15 Approved full Quitclaim of 40 acres of School lands

### **SISKIYOU COUNTY**

#### **PRC 8998.2**

- 06/07/12 Approved Issuance of Prospecting Permit to Entiv Organic Energy LLC (520 acres of Federal lands).

### **INYO COUNTY**

#### **PRC 8949.2**

- 09/01/11 Approved Issuance of Prospecting Permit to Deep Rose Development, LLC. (640 acres)
- 06/21/13 Approved Prospecting Permit Extension to Deep Rose Development, LLC.

**Former leases NOT included** (never developed or later re-leased as one of those above):

#### **THE GEYSERS:**

PRC 5217, 5819, 5820, 5821, 5862, 5903, 5999,  
6031, 6079, 6080,  
6081, 6114, 6398, 6421, 6424, 6425,  
6813, 6814, 7751, 7810

#### **IMPERIAL VALLEY:**

PRC 4976, 6378, 6552, 6837