

Desert Southwest Region
Current Requests for Interconnection
Renewable Power Projects
As of 08-02-2011

4,475 MW (1,885 MW-WIND; 2,590 MW-SOLAR)

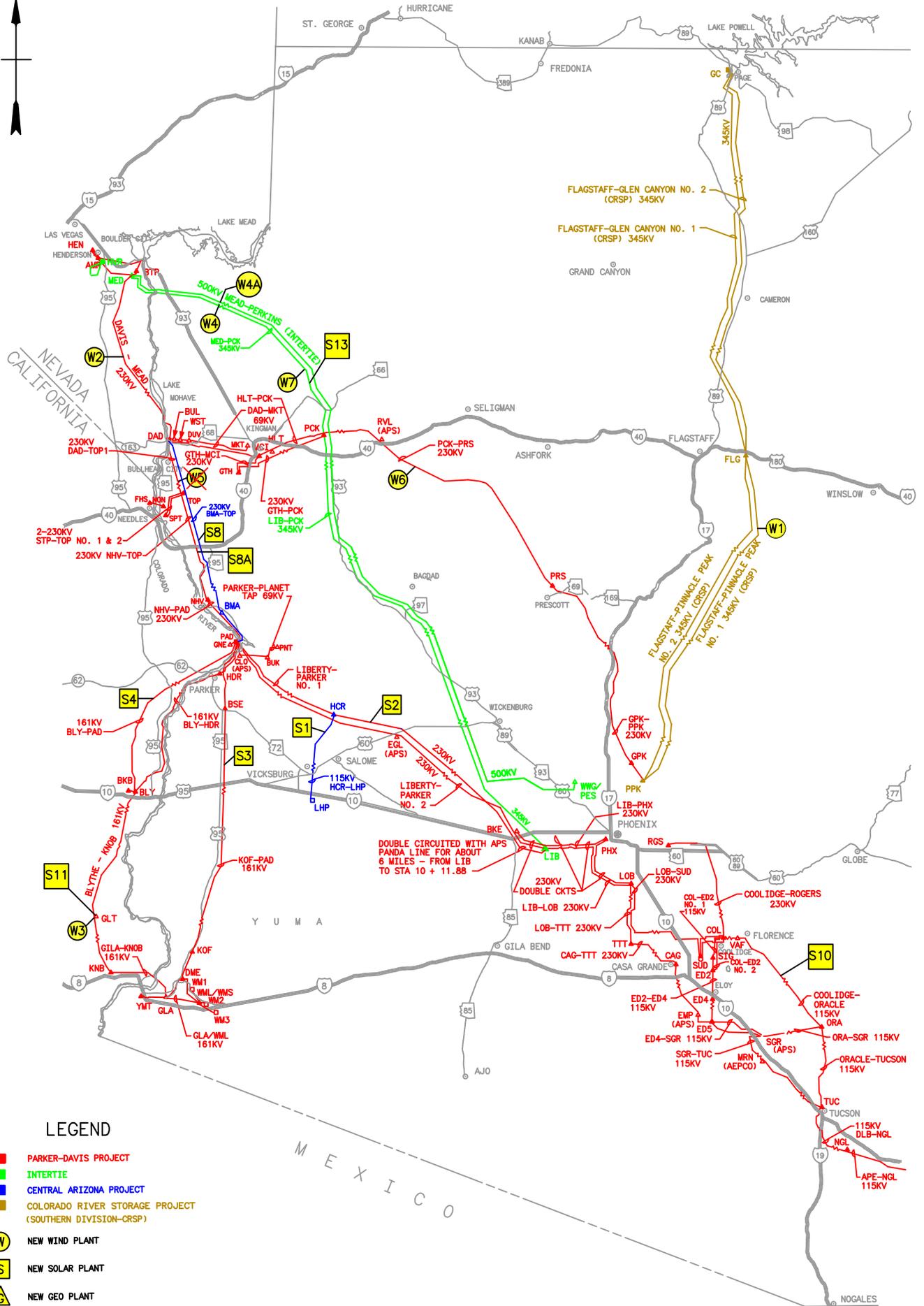
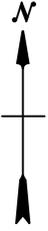
- W1. **Wind Farm** – Grapevine Canyon Wind Project - Coconino County, AZ
- a. Large generator interconnection (G3) – 500 MW
 - b. Coconino County, AZ – Interconnection to the Glen Canyon-Pinnacle Peak 345-kV transmission lines. The project location is approximately 22 miles southeast of Flagstaff and about 18 miles south of the I-40 Twin Arrows interchange.
 - c. CRSP Transmission System – FLG-PPK #1 & FLG-PPK #2
 - d. 166 – 333 Wind turbine generators
 - e. **Status:** Final EIS expected early fall 2011.
 - f. **Request Received:** 4-7-2006
 - g. **Requested In-Service Date:** 12-2013
 - g. **Projected In-Service Date:** 12-2013
- W2. **Wind Farm** – Searchlight Wind Project - Clark County, NV
- a. Large generator interconnection (G5) – 370 MW
 - b. Clark County, NV – Interconnection to the Davis-Mead 230-kV transmission line. The project location is approximately 55 miles south of Las Vegas, Nevada, and 39 miles north of Laughlin, Nevada.
 - c. Parker-Davis Project Transmission System
 - d. 161 Wind turbine generators
 - e. **Status:** Public scoping meetings held Feb 2009
 - f. **Request Received:** 11-06-2006
 - g. **Requested In-Service Date:** 12-31-2008
 - h. **Projected In-Service Date:** 10-1-2015
- W3. **Wind Farm** – Imperial County, CA
- a. Large generator interconnection (G6) – 65.1 MW
 - b. Imperial County, CA – Interconnection to Blythe-Gila 161-kV line near Gold Mine Tap transmission line with new 3-breaker ring switching station to be built.
 - c. Parker-Davis Project Transmission System
 - d. Wind turbine generators
 - e. **Request Received:** 12-7-06
 - f. **Requested In-Service Date:** 12-31-2008
 - g. **Projected In-Service Date:** 04-23-2013

- W4. **Wind Farm** – Mohave County Wind Farm Project - Mohave County, AZ
- a. Large generator interconnection (G7) – 500 MW
 - b. Mohave County, AZ – Interconnection to Liberty-Mead 345-kV transmission line with alternate on MPP Mead-Perkins 500-kV Transmission Line. Project location is 40 miles northwest of Kingman, Az.
 - c. Pacific Intertie Project Transmission System
 - d. 333 Wind turbine generators
 - e. **Status:** Draft EIS to be available Fall 2010.
 - f. **Request Received:** 3-12-2007
 - g. **Requested In-Service Date:** 12-31-2008
 - h. **Projected In-Service Date:** 11-1-2015
- W6. **Wind Farm** – Yavapai County, AZ
- a. Large generator interconnection (G22) – 150 MW
 - b. Yavapai County, AZ – Interconnection to Prescott-Round Valley 230-kV transmission line.
 - c. Parker-Davis Project Transmission System
 - d. Wind turbine generators
 - e. **Request Received:** 4-13-2010
 - f. **Requested In-Service Date:** 7-1-2012
 - g. **Projected In-Service Date:** 7-1-2012
- W7. **Wind Farm** – Mohave County, AZ
- a. Large generator interconnection (G27) – 300 MW
 - b. Mohave County, AZ – Interconnection to Liberty – Mead 345-kV transmission line.
 - c. Pacific Intertie Project Transmission System
 - d. Wind turbine generators
 - e. **Request Received:** 1-18-2011
 - f. **Requested In-Service Date:** 11-1-2013
 - g. **Projected In-Service Date:** 11-1-2013
- S1. **Solar Thermal** – La Paz County, AZ
- a. Large generator interconnection (G10) – up to 150 MW
 - b. La Paz County, AZ – Interconnection to the Harcuvar-Little Harquahala 115-kV transmission line about 4 miles south of Harcuvar Sub.
 - c. Central Arizona Project Transmission System
 - d. Parabolic trough concentrating solar power
 - e. **Request Received:** 5-19-2008
 - f. **Requested In-Service Date:** 8-1-2012
 - g. **Projected In-Service Date:** 1-1-2013

- S2. **Solar Thermal** – La Paz County, AZ
- a. Large generator interconnection (G11) – 250 MW
 - b. La Paz County, AZ – Interconnection to Liberty-Parker No. 1 and/or No. 2_230-kV transmission lines.
 - c. Central Arizona Project Transmission System
 - d. Parabolic trough concentrating solar power
 - e. **Request Received:** 5-19-2008
 - f. **Requested In-Service Date:** 8-1-2014
 - g. **Projected In-Service Date:** 8-1-2014
- S3. **Solar Thermal** – Solar Reserve Quartzsite - La Paz County, AZ
- a. Large generator interconnection (G12) – 110 MW
 - b. La Paz County, AZ – Interconnection to Parker-Bouse-Kofa 161-kV transmission line with new substation 6 miles north of Quartzsite, AZ.
 - c. Parker-Davis Project Transmission System
 - d. 17,500 heliostats (mirrors), 653 ft. solar receiver tower
 - e. **Status** – EIS Scoping Report released March 2010; EIS in progress.
 - f. **Request Received:** 10-2-2008
 - g. **Requested In-Service Date:** 7-1-2013
 - h. **Projected In-Service Date:** 7-1-2013
- S4. **Solar Thermal** – Rice Solar Energy Project - Riverside County, CA
- a. Large generator interconnection (G14) – 150 MW
 - b. Riverside County, CA – Interconnection to Parker-Blythe 161-kV transmission line. Project location is 15 miles west of Vidal Junction, 1 mile south of S.R. 62.
 - c. Parker-Davis Project Transmission System
 - d. Solar Tower
 - e. **Status:** Public Scoping meetings held; EIS in progress
 - f. **Request Received:** 11-21-2008
 - g. **Requested In-Service Date:** 1-1-2013
 - h. **Projected In-Service Date:** 10-1-2013
- S8. **Solar Thermal** – Sterling Solar Generating Facility - Mohave County, AZ
- a. Large generator interconnection (G20) – 1200 MW
 - b. Mohave County, AZ – Interconnection to Topock – Black Mesa 230-kV or Topock – North Havasu 230-kV transmission lines. Project location is 19 miles north of Lake Havasu City, Mohave County, AZ and is bordered on the south by interstate 40.
 - c. Parker-Davis Project/ Central Arizona Project Transmission Systems
 - d. Radial solar concentrator dish with Sterling Engine
 - e. **Request Received:** 03-03-2010
 - f. **Requested In-Service Date:** 01-01-2015
 - g. **Projected In-Service Date:** 01-01-2015

- S10. **Solar Photovoltaic** – Pinal County, AZ
- a. Large generator interconnection (G24) – 90 MW
 - b. Pinal County, AZ – Interconnection to Oracle-Coolidge 115-kV transmission line.
 - c. Parker-Davis Project Transmission System
 - d. Photovoltaic solar power
 - e. **Request Received:** 06-07-2010
 - f. **Requested In-Service Date:** 01-01-2013
 - g. **Projected In-Service Date:** 01-01-2013
- S11. **Solar Thermal** – Imperial County, CA
- a. Large generator interconnection (G23) – 300 MW
 - b. Imperial County, CA – Interconnection to Goldmine Tap – Knob 161-kV transmission line
 - c. Parker-Davis Project Transmission System
 - d. Concentrated Solar Tower
 - e. **Request Received** – 04-20-2010
 - f. **Requested In-Service Date** – 04-01-2014
 - g. **Projected In-Service Date** – 04-01-2014
- S13. **Solar Photovoltaic**– Mohave County, AZ
- a. Large generator interconnection (G25) – 340 MW
 - b. Mohave County, AZ – Interconnection to Liberty – Mead 345-kV transmission line.
 - c. Pacific Intertie Project Transmission System
 - d. Photovoltaic Solar
 - e. **Request Received** – 11-5-2010
 - f. **Requested In-Service Date** – 12-15-2016
 - g. **Projected In-Service Date** – 12-15-2016

DESERT SOUTHWEST REGION CURRENT REQUEST FOR INTERCONNECTION RENEWABLE POWER PROJECTS



LEGEND

- PARKER-DAVIS PROJECT
- INTERTIE
- CENTRAL ARIZONA PROJECT
- COLORADO RIVER STORAGE PROJECT (SOUTHERN DIVISION-CRSP)
- W NEW WIND PLANT
- S NEW SOLAR PLANT
- G NEW GEO PLANT