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Arizona Corporation Commission
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February 1, 2011

Docket Control
Arizona Corporation Commission
1200 W. Washington
Phoenix, AZ 85007

RE: Arizona Public Service Company Renewable Transmission Projects
Decision No. 72057
Docket No. E-01345A-10-0033

Pursuant to Decision No. 72057 (January 6, 2011):

> IT IS FURTHER ORDERED that Arizona Public Service Company file in this Docket within 30 days of the effective date of this Order, information on the type, amounts, and location of renewable energy expected to interconnect to the transmission project and type, amounts and location of non-renewable energy using the line.

Pursuant to the above requirement, enclosed, please find Arizona Public Service Company's expected renewable energy interconnection summary as Attachment A and non-renewable interconnection summary as Attachment B.

If you have any questions regarding this information, please contact Erinn Andreasen at (602) 250-3276.

Sincerely,

Susan Casady

Susan Casady

SC/sl

cc: Steve Olea
Ray Williamson
Brian Bozzo

Attachment A

Project 1: Delany to Palo Verde 500kV

The Delany to Palo Verde transmission project is a 500kV transmission line from the Palo Verde hub to a new switchyard ("Delany Switchyard"), located approximately eighteen miles west of the Palo Verde hub. The Delany area has excellent solar conditions. This project has been previously approved as part of the Palo Verde to TS-5 (Sun Valley) CEC, ACC Decision No. 68063.

The Delany to Palo Verde 500 kilovolt ("kV") transmission line is needed to connect any generation that would interconnect into the Delany switchyard back into the Arizona transmission system. Also, the Delany to Palo Verde 500kV transmission line would be the initial portion of a new 500kV path that would connect all the way from the Palo Verde hub to the Pinnacle Peak substation on the east side of the Phoenix valley. This overall path would provide additional Transmission Capacity as well as significant reliability for the Arizona EHV system and specifically the transmission system serving the Phoenix Metropolitan Valley.

Although APS cannot predict or control the actual amount and types of resources that will ultimately interconnect to each of the Renewable Transmission Action Plan ("RTAP") lines, the attached interconnection queues are an indicator of interest and potential future interconnections to the RTAP projects. APS is not aware of the status of every generator's 90 day filings and CEC Applications. APS has included those of which it is aware.

Currently there are interconnection requests for 2,120 Megawatt ("MW") of solar generation into the future Delany Switchyard. The following table shows the generation projects that have requested interconnection into the Delany Switchyard:

Interconnection Queue	Max electrical output (MW)	Interconnection Point	Projected In-Service Date	Type of Facility	Status of Interconnection Request[1]	ACC filings (90 day filing/Line Siting filing)
APS-38	400	Proposed Delany Switchyard	1/1/2014	Solar Thermal	FaS Complete	
APS-39	800	Proposed Delany Switchyard	1/1/2014	Solar Thermal	FaS Complete	
APS-56	300	Proposed Delany Switchyard	1/1/2014	Solar Thermal	FaS Complete	Project received CEC (Starwood ACC Decision No. 71442)
APS-173	620	500kV Delany Substation	PH 1 – 1/1/2014 PH 2 – 9/1/2014 PH 3 – 5/1/2015 PH4 – 5/1/2015	300MW Solar (PV) & 320MW Natural Gas	Pre-Study Phase	

Notes:

1. FERC Generator Interconnection process consists of 3 study stages; Feasibility Study ("FeS"), System Impact Study ("SIS"), Facilities Study ("FaS"), followed by signing a Large Generator Interconnection Agreement ("LGIA") or Small Generator Interconnection Agreement ("SGIA").

Project 2: Hassayampa to North Gila 500kV #2

The Hassayampa to North Gila transmission project is a 500kV transmission line from the Palo Verde hub area ("Hassayampa Switchyard") to the North Gila Substation, which is located outside of Yuma. It is approximately 114 miles in length and would parallel an existing jointly-owned 500kV line. The area has excellent solar conditions. This project has been approved by ACC Decision No. 70127.

Currently there is one project that has signed a Large Generator Interconnection Agreement ("LGIA") to interconnect into the existing Hassayampa-North Gila 500kV #1 line. This project is for a 500 MW photovoltaic facility. In addition to that project, there are eight other projects that have an interconnection request into the existing Hassayampa-North Gila 500kV #1 line, eight projects that have an interconnection request into the Hassayampa 500kV switchyard, and two projects that have an interconnection request into the North Gila substation. These projects total over 5,000 MW. Given the total amount of MW requesting interconnection, the capacity of the existing line would not be enough to allow all of the generation to be transferred between the Palo Verde hub and the North Gila substation, and would not allow power to be exported into California. Therefore, the increased transmission capacity and reliability gained with the Hassayampa to North Gila 500kV #2 line is needed to allow the development of renewable generation in the area.

Although APS cannot predict or control the actual amount and types of resources that will ultimately interconnect to each of the Renewable Transmission Action Plan ("RTAP") lines, the attached interconnection queues are an indicator of interest and potential future interconnections to the RTAP projects. APS is not aware of the status of every generator's 90 day filings and CEC Applications. APS has included those of which it is aware.

The following table shows the seventeen generation projects, totaling 3,868 MW, that have requested interconnection into the EHV system at the Palo Verde hub, the North Gila substation, or the Hassayampa-North Gila 500kV #1 line:

Interconnection Queue	Max electrical output (MW)	Interconnection Point	Projected In-Service Date	Type of Facility	Status of Interconnection Request[1]	ACC filings (90 day filing/Line Siting filing)
APS-43	500	Hassayampa-N. Gila 500kV line (Hoodoo Wash 500kV switchyard)	Phase (PH) 1 - 12/1/2011 PH 2 - 6/30/2014	Solar (PV)	LGIA Executed	Project received CEC (Nextlight – Agua Caliente ACC Decision No. 71297)
APS-33	400	N. Gila 500kV Substation	Q4 2012	Solar Thermal	FaS Complete	
APS-44b	300	Hassayampa-N. Gila 500kV Line	PH 1 - 10/01/2011 PH 2 - 11/01/2011 PH 3 - 03/01/2012	Solar Thermal	FaS In-Progress	

Interconnection Queue	Max electrical output (MW)	Interconnection Point	Projected In-Service Date	Type of Facility	Status of Interconnection Request[1]	ACC filings (90 day filing/Line Siting filing)
APS-51	150	Hassayampa-N. Gila 500kV Line	7/1/2012	Solar Thermal	SIS Complete	
APS-58	99	Hassayampa-N. Gila 500kV Line	Q2 and Q4 2012	Solar (PV)	FaS In-Progress	
APS-59	99	Hassayampa-N. Gila 500kV Line	Q2 and Q4 2013	Solar (PV)	FaS In-Progress	
APS-60	40	Hassayampa-N. Gila 500kV Line	Q2 2012	Solar (PV)	FaS In-Progress	
APS-65	480	Hassayampa-N. Gila 500kV Line	1/1/2014	Solar Thermal	FaS In-Progress	
APS-73	480	Hassayampa-N. Gila 500kV Line	1/1/2014	Solar Thermal	FaS In-Progress	
ANPP-2[2]	180	Hassayampa 500kV	3/1/2010	Solar (PV)	Studies Complete	
ANPP-2	180	Hassayampa 500kV	3/1/2011	Solar (PV)	Studies Complete	
ANPP-2	180	Hassayampa 500kV	3/1/2012	Solar (PV)	Studies Complete	
ANPP-2	180	Hassayampa 500kV	3/1/2014	Solar (PV)	Studies Complete	
ANPP-8	125	Hassayampa 500kV	12/31/2011	CSP[3]	In-Progress	
ANPP-9	125	Hassayampa 500kV	7/1/2011	CSP	In-Progress	
ANPP-13	200	Hassayampa 500kV	5/1/2013	Solar (PV)		
ANPP-15	150	Hassayampa 500kV	12/31/2012	Solar (PV)		

Notes:

1. FERC Generator Interconnection process consists of 3 study stages; Feasibility Study ("FeS"), System Impact Study ("SIS"), Facilities Study ("FaS"), followed by signing a Large Generator Interconnection Agreement ("LGIA") or Small Generator Interconnection Agreement ("SGIA").
2. ANPP = Arizona Nuclear Power Project
3. CSP = Concentrated Solar Power

Project 3A: Palo Verde hub to Liberty area 500kV

The Palo Verde hub to Liberty area 500kV transmission project is proposed to be a 500kV transmission line from the Palo Verde hub to a new substation near the existing Liberty substation location in the West Valley. The areas around the Palo Verde hub and the Buckeye/Gila Bend area have excellent solar conditions.

Because no utility has included this project in its Ten-Year Plan, no direct interconnection request yet exists. Nevertheless, this project would create additional scheduling capacity from the Palo Verde hub into the Phoenix load pocket. Any generation project in the Buckeye/Gila Bend area, the Palo Verde hub, or west of Palo Verde would need transmission capability from the Palo Verde hub into the Phoenix load pocket to be able used.

Although APS cannot predict or control the actual amount and types of resources that will ultimately interconnect to each of the Renewable Transmission Action Plan ("RTAP") lines, the attached interconnection queues are an indicator of interest and potential future interconnections to the RTAP projects. APS is not aware of the status of every generator's 90 day filings and CEC Applications. APS has included those of which it is aware.

The following projects are a list of 71 generation interconnection requests, totaling 9,045.6 MW, in those areas that could use the transmission created by the project:

Interconnection Queue	Max electrical output (MW)	Interconnection Point	Projected In-Service Date	Type of Facility	Status of Interconnection Request[1]	ACC filings (90 day filing/Line Siting filing)
APS-43	500	Hassayampa-N. Gila 500kV line (Hoodoo Wash 500kV switchyard)	PH 1 - 12/1/2011 PH 2- 6/30/2014	Solar (PV)	LGIA Executed	Project received CEC (Nextlight-Agua Caliente ACC Decision No. 71297)
APS-31	87	Paloma 69kV Substation	10/1/2010 - 12/1/2011	Solar (PV)	LGIA In-Progress	
APS-33	400	N. Gila 500kV Switchyard	Q4/2012	Solar Thermal	FaS Complete	
APS-38	400	Proposed Delany Switchyard	1/1/2014	Solar Thermal	FaS Complete	
APS-39	800	Proposed Delany Switchyard	1/1/2014	Solar Thermal	FaS Complete	
APS-44	280	Panda 230kV Switchyard	Q2 2013	Solar Thermal	LGIA Executed	Project received CEC (Abengoa-Solana ACC Decision No. 70531)

Interconnection Queue	Max electrical output (MW)	Interconnection Point	Projected In-Service Date	Type of Facility	Status of Interconnection Request[1]	ACC filings (90 day filing/Line Siting filing)
APS-44b	300	Hassayampa-N. Gila 500kV line	PH 1 - 10/01/2011 PH 2 - 11/01/2011 PH 3 - 03/01/2012	Solar Thermal	FaS In-Progress	
APS-45	250	Gila Bend 230kV Switchyard or Panda 230kV switchyard	Q2 2013	Solar (PV)	SIS Complete	
APS-51	150	Hassayampa-N. Gila 500kV Line	7/1/2012	Solar Thermal	SIS Complete	
APS-56	300	Proposed Delany Switchyard	1/1/2014	Solar Thermal	FaS Complete	Project received CEC (Starwood ACC Decision No. 71442)
APS-58	99	Hassayampa-N. Gila 500kV Line	Q2 and Q4 2012	Solar (PV)	FaS In-Progress	
APS-59	99	Hassayampa-N. Gila 500kV Line	Q2 and Q4 2013	Solar (PV)	FaS In-Progress	
APS-60	40	Hassayampa-N. Gila 500kV Line	Q2 2012	Solar (PV)	FaS In-Progress	
APS-63	150	Gila Bend 230kV Substation	7/1/2013	Solar Thermal	SIS Complete	
APS-64	10	Hyder Substation	6/1/2012	Solar (PV)	FaS In-Progress	
APS-65	480	Hassayampa-N. Gila 500kV Line	1/1/2014	Solar Thermal	FaS In-Progress	
APS-67	200	Panda Switchyard 230kV or Gila Bend Substation 230kV	PH 1 - 100MW 12/2014 PH 2- 100MW 12/2015	Solar Thermal	SIS Complete	
APS-69	300	Sun Valley 230kV switchyard	6/1/2015	Solar Thermal	SIS In-Progress	
APS-73	480	Hassayampa-N. Gila 500kV Line	1/1/2014	Solar Thermal	FaS In-Progress	
APS-77	5	Gila Bend-Ajo 69kV line	mid 2011	Solar (PV)	SGIA Executed	
APS-84	20	Aztec Substation	3/31/2011	Solar (PV)	FaS In-Progress	
APS-85	20	Hyder Substation	3/31/2011	Solar (PV)	FaS In-Progress	

Interconnection Queue	Max electrical output (MW)	Interconnection Point	Projected In-Service Date	Type of Facility	Status of Interconnection Request[1]	ACC filings (90 day filing/Line Siting filing)
APS-86	20	Cotton Center Substation	3/31/2011	Solar (PV)	FaS In-Progress	
APS-87	20	Cotton Center Substation	3/31/2011	Solar (PV)	FaS In-Progress	
APS-93	20	12kV Interconnection – Buckeye	11/30/2011	Solar (PV)	SIS In-Progress	
APS-94	20	12kV Interconnection - Ehrenberg	Q4 2011	Solar (PV)	SIS In-Progress	
APS-97	50	69kV Interconnection - Gila Bend Area	12/31/2011	Solar (PV)	SIS In-Progress	
APS-98	50	69kV Interconnection - Tonopah Area	12/31/2011	Solar (PV)	SIS In-Progress	
APS-100	20	69kV Interconnection 335th Ave & Dobbins Rd	12/31/2011	Solar (PV)	SIS In-Progress	
APS-101	20	69kV Interconnection 335th Ave & Dobbins Rd	12/31/2011	Solar (PV)	SIS In-Progress	
APS-102	20	69kV Interconnection - Gillespie Sub Area	1/1/2012	Solar (PV)	SIS In-Progress	
APS-108	5	Hyder Substation	6/1/2012	Solar (PV)	FeS In-Progress	
APS-111	30	Tonopah 69kV Substation	12/15/2012	Solar (PV)	SIS In-Progress	
APS-118	20	69kV Interconnection - Gila Bend Substation area	2/28/2012	Solar (PV)	SIS In-Progress	
APS-119	20	69kV Interconnection - Gila Bend Substation area	3/31/2012	Solar (PV)	SIS In-Progress	
APS-120	20	69kV Interconnection - Gila Bend Substation area	4/30/2012	Solar (PV)	SIS In-Progress	
APS-123	15	Gila Bend - Gillespie 69kV line	4/30/2012	Solar(PV)	SIS In-Progress	
APS-124	20	Lower River - Wintersburg 69kV Line	4/15/2012	Solar(PV)	SIS In-Progress	

Interconnection Queue	Max electrical output (MW)	Interconnection Point	Projected In-Service Date	Type of Facility	Status of Interconnection Request[1]	ACC filings (90 day filing/Line Siting filing)
APS-125	20	Lower River - Wintersburg 69kV Line	12/31/2011	Solar (PV)	SIS In-Progress	
APS-128	20	I-10 & 507th Ave	9/1/2011	Solar (PV)	SIS In-Progress	
APS-130	20	12 or 69kV Interconnection - Harquahala Substation	2/28/2012	Solar (PV)	SIS In-Progress	
APS-133	20	69kV Interconnection - 69kV line Palmas Rd and Dateland Rd	12/31/2010	Solar (PV)	SIS In-Progress	
APS-134	20	69kV Interconnection - Gila Bend 69kV Watermelon Rd and 307th Ave	12/31/2010	Solar (PV)	SIS In-Progress	
APS-136	20	12 or 69kV Interconnection - Patterson Substation	12/31/2012	Solar (PV)	SIS In-Progress	
APS-140	20	69kV line between Tonopah and Harquahala Subs	2/28/2012	Solar (PV)	SIS In-Progress	
APS-141	20	Saddle Mountain 69kV Substation	8/1/2011	Solar (PV)	SIS In-Progress	
APS-143	50	Hyder 69kV Substation	8/1/2011	Solar (PV)	SIS In-Progress	
APS-145	50	69kV line between Wintersburg & Lower River	12/31/2012	Solar (PV)	SIS In-Progress	
APS-147	20	Wintersburg 69kv substation area	2/28/2012	Solar (PV)	SIS In-Progress	
APS-148	20	69 kV Cotton Center Substation	6/5/2012	Solar (PV)	SIS In-Progress	
APS-150	20	69 kV line Turtle Back Mtn and 535th Ave	12/1/2011	Solar (PV)	SIS In-Progress	
APS-154	20	69kV line Tonopah and Harquahala	2/28/2012	Solar (PV)	SIS In-Progress	
APS-158	20	69kV Aztec Substation	12/31/2012	Solar (PV)	FeS In-Progress	

Interconnection Queue	Max electrical output (MW)	Interconnection Point	Projected In-Service Date	Type of Facility	Status of Interconnection Request[1]	ACC filings (90 day filing/Line Siting filing)
APS-160	20	69kV Wintersburg Substation	12/31/2012	Solar (PV)	FeS In-Progress	
APS-165	50	69kV line between Tonopah & Saddle Mountain	12/1/2012	Solar (PV)	Pre-Study Phase	
APS-167	20	69kV line between Gillespie & Lower River	2/28/2013	Solar (PV)	SIS In-Progress	
APS-168	20	69kV line between Gillespie & Lower River	2/28/2013	Solar (PV)	SIS In-Progress	
APS-169	0.6	69kV line between Stotz Farm and Palo Verde Rd.	4/1/2011	Biogas	Pre-Study Phase	
APS-173	620	500kV Delany Substation	PH 1 – 1/1/2014 PH 2 – 9/1/2014 PH 3 – 5/1/2015 PH4 – 5/1/2015	300MW Solar (PV) & 320MW Natural Gas	Pre-Study Phase	
APS-174	20	69kV Saddle Mountain Substation	1/1/2013	Solar (PV)	Pre-Study Phase	
ANPP-2[2]	180	Hassayampa 500kV	3/1/2010	Solar (PV)	Studies Complete	
ANPP-2	180	Hassayampa 500kV	3/1/2011	Solar (PV)	Studies Complete	
ANPP-2	180	Hassayampa 500kV	3/1/2012	Solar (PV)	Studies Complete	
ANPP-2	180	Hassayampa 500kV	3/1/2014	Solar (PV)	Studies Complete	
ANPP-3	500	Jojoba 500kV	12/1/2012	CSP[3]	Studies Complete	
ANPP-8	125	Hassayampa 500kV	12/31/2011	CSP	In-Progress	
ANPP-9	125	Hassayampa 500kV	7/1/2011	CSP	In-Progress	
ANPP-13	200	Hassayampa 500kV	5/1/2013	Solar (PV)		

Interconnection Queue	Max electrical output (MW)	Interconnection Point	Projected In-Service Date	Type of Facility	Status of Interconnection Request[1]	ACC filings (90 day filing/Line Siting filing)
ANPP-14	250	Jojoba 500kV	1/1/2013	CSP		
ANPP-15	150	Hassayampa 500kV	12/31/2012	Solar (PV)		
PV-PC-1[4]	125	Pinal Central 230kV	11/1/2012	CSP		

Notes:

1. FERC Generator Interconnection process consists of 3 study stages; Feasibility Study ("FeS"), System Impact Study ("SIS"), Facilities Study ("FaS"), followed by signing a Large Generator Interconnection Agreement ("LGIA") or Small Generator Interconnection Agreement ("SGIA").
2. ANPP = Arizona Nuclear Power Project
3. CSP = Concentrated Solar Power
4. PV-PC = Palo Verde-Pinal Central project

Project 3B: Gila Bend to Liberty area 500kV

The Gila Bend to Liberty area 500kV transmission project is proposed to be a 500kV transmission line from the Gila Bend area to a new substation near the existing Liberty substation location in the West Valley. The areas around the Palo Verde hub and the Buckeye/Gila Bend area have excellent solar conditions.

Because no utility has included this project in its Ten-Year Plan, no direct interconnection request yet exists. Nevertheless, this project would create additional scheduling capacity from the Palo Verde hub and the Gila Bend area into the Phoenix load pocket. Any generation project in the Buckeye/Gila Bend area, the Palo Verde hub, or west of Palo Verde would need transmission capability into the Phoenix load pocket to be used.

Although APS cannot predict or control the actual amount and types of resources that will ultimately interconnect to each of the Renewable Transmission Action Plan ("RTAP") lines, the attached interconnection queues are an indicator of interest and potential future interconnections to the RTAP projects. APS is not aware of the status of every generator's 90 day filings and CEC Applications. APS has included those of which it is aware.

The following projects are a list of 71 generation interconnection requests, totaling 9,045.6 MW, in those areas mentioned above that could utilize the transmission created by the project:

Interconnection Queue	Max electrical output (MW)	Interconnection Point	Projected In-Service Date	Type of Facility	Status of Interconnection Request[1]	ACC filings (90 day filing/Line Siting filing)
APS-43	500	Hassayampa-N. Gila 500kV line (Hoodoo Wash 500kV switchyard)	PH 1 - 12/1/2011 PH 2- 6/30/2014	Solar (PV)	LGIA Executed	Project received CEC (Nextlight-Agua Caliente ACC Decision No. 71297)
APS-31	87	Paloma 69kV Substation	10/1/2010 - 12/1/2011	Solar (PV)	LGIA In-Progress	
APS-33	400	N. Gila 500kV Switchyard	Q4/2012	Solar Thermal	FaS Complete	
APS-38	400	Proposed Delany Switchyard	1/1/2014	Solar Thermal	FaS Complete	
APS-39	800	Proposed Delany Switchyard	1/1/2014	Solar Thermal	FaS Complete	
APS-44	280	Panda 230kV Switchyard	Q2 2013	Solar Thermal	LGIA Executed	Project received CEC (Abengoa-Solana ACC Decision No. 70531)

Interconnection Queue	Max electrical output (MW)	Interconnection Point	Projected In-Service Date	Type of Facility	Status of Interconnection Request[1]	ACC filings (90 day filing/Line Siting filing)
APS-44b	300	Hassayampa-N. Gila 500kV line	PH 1 - 10/01/2011 PH 2 - 11/01/2011 PH 3 - 03/01/2012	Solar Thermal	FaS In-Progress	
APS-45	250	Gila Bend 230kV Switchyard or Panda 230kV switchyard	Q2 2013	Solar (PV)	SIS Complete	
APS-51	150	Hassayampa-N. Gila 500kV Line	7/1/2012	Solar Thermal	SIS Complete	
APS-56	300	Proposed Delany Switchyard	1/1/2014	Solar Thermal	FaS Complete	Project received CEC (Starwood ACC Decision No. 71442)
APS-58	99	Hassayampa-N. Gila 500kV Line	Q2 and Q4 2012	Solar (PV)	FaS In-Progress	
APS-59	99	Hassayampa-N. Gila 500kV Line	Q2 and Q4 2013	Solar (PV)	FaS In-Progress	
APS-60	40	Hassayampa-N. Gila 500kV Line	Q2 2012	Solar (PV)	FaS In-Progress	
APS-63	150	Gila Bend 230kV Substation	7/1/2013	Solar Thermal	SIS Complete	
APS-64	10	Hyder Substation	6/1/2012	Solar (PV)	FaS In-Progress	
APS-65	480	Hassayampa-N. Gila 500kV Line	1/1/2014	Solar Thermal	FaS In-Progress	
APS-67	200	Panda Switchyard 230kV or Gila Bend Substation 230kV	PH 1 - 100MW 12/2014 PH 2- 100MW 12/2015	Solar Thermal	SIS Complete	
APS-69	300	Sun Valley 230kV switchyard	6/1/2015	Solar Thermal	SIS In-Progress	
APS-73	480	Hassayampa-N. Gila 500kV Line	1/1/2014	Solar Thermal	FaS In-Progress	
APS-77	5	Gila Bend-Ajo 69kV line	mid 2011	Solar (PV)	SGIA Executed	
APS-84	20	Aztec Substation	3/31/2011	Solar (PV)	FaS In-Progress	
APS-85	20	Hyder Substation	3/31/2011	Solar (PV)	FaS In-Progress	

Interconnection Queue	Max electrical output (MW)	Interconnection Point	Projected In-Service Date	Type of Facility	Status of Interconnection Request[1]	ACC filings (90 day filing/Line Siting filing)
APS-86	20	Cotton Center Substation	3/31/2011	Solar (PV)	FaS In-Progress	
APS-87	20	Cotton Center Substation	3/31/2011	Solar (PV)	FaS In-Progress	
APS-93	20	12kV Interconnection – Buckeye	11/30/2011	Solar (PV)	SIS In-Progress	
APS-94	20	12kV Interconnection - Ehrenberg	Q4 2011	Solar (PV)	SIS In-Progress	
APS-97	50	69kV Interconnection - Gila Bend Area	12/31/2011	Solar (PV)	SIS In-Progress	
APS-98	50	69kV Interconnection - Tonopah Area	12/31/2011	Solar (PV)	SIS In-Progress	
APS-100	20	69kV Interconnection 335th Ave & Dobbins Rd	12/31/2011	Solar (PV)	SIS In-Progress	
APS-101	20	69kV Interconnection 335th Ave & Dobbins Rd	12/31/2011	Solar (PV)	SIS In-Progress	
APS-102	20	69kV Interconnection - Gillespie Sub Area	1/1/2012	Solar (PV)	SIS In-Progress	
APS-108	5	Hyder Substation	6/1/2012	Solar (PV)	FeS In-Progress	
APS-111	30	Tonopah 69kV Substation	12/15/2012	Solar (PV)	SIS In-Progress	
APS-118	20	69kV Interconnection - Gila Bend Substation area	2/28/2012	Solar (PV)	SIS In-Progress	
APS-119	20	69kV Interconnection - Gila Bend Substation area	3/31/2012	Solar (PV)	SIS In-Progress	
APS-120	20	69kV Interconnection - Gila Bend Substation area	4/30/2012	Solar (PV)	SIS In-Progress	
APS-123	15	Gila Bend - Gillespie 69kV line	4/30/2012	Solar(PV)	SIS In-Progress	
APS-124	20	Lower River - Wintersburg 69kV Line	4/15/2012	Solar(PV)	SIS In-Progress	

Interconnection Queue	Max electrical output (MW)	Interconnection Point	Projected In-Service Date	Type of Facility	Status of Interconnection Request[1]	ACC filings (90 day filing/Line Siting filing)
APS-125	20	Lower River - Wintersburg 69kV Line	12/31/2011	Solar (PV)	SIS In-Progress	
APS-128	20	I-10 & 507th Ave	9/1/2011	Solar (PV)	SIS In-Progress	
APS-130	20	12 or 69kV Interconnection - Harquahala Substation	2/28/2012	Solar (PV)	SIS In-Progress	
APS-133	20	69kV Interconnection - 69kV line Palmas Rd and Dateland Rd	12/31/2010	Solar (PV)	SIS In-Progress	
APS-134	20	69kV Interconnection - Gila Bend 69kV Watermelon Rd and 307th Ave	12/31/2010	Solar (PV)	SIS In-Progress	
APS-136	20	12 or 69kV Interconnection - Patterson Substation	12/31/2012	Solar (PV)	SIS In-Progress	
APS-140	20	69kV line between Tonopah and Harquahala Subs	2/28/2012	Solar (PV)	SIS In-Progress	
APS-141	20	Saddle Mountain 69kV Substation	8/1/2011	Solar (PV)	SIS In-Progress	
APS-143	50	Hyder 69kV Substation	8/1/2011	Solar (PV)	SIS In-Progress	
APS-145	50	69kV line between Wintersburg & Lower River	12/31/2012	Solar (PV)	SIS In-Progress	
APS-147	20	Wintersburg 69kv substation area	2/28/2012	Solar (PV)	SIS In-Progress	
APS-148	20	69 kV Cotton Center Substation	6/5/2012	Solar (PV)	SIS In-Progress	
APS-150	20	69 kV line Turtle Back Mtn and 535th Ave	12/1/2011	Solar (PV)	SIS In-Progress	
APS-154	20	69kV line Tonopah and Harquahala	2/28/2012	Solar (PV)	SIS In-Progress	
APS-158	20	69kV Aztec Substation	12/31/2012	Solar (PV)	FeS In-Progress	

Interconnection Queue	Max electrical output (MW)	Interconnection Point	Projected In-Service Date	Type of Facility	Status of Interconnection Request[1]	ACC filings (90 day filing/Line Siting filing)
APS-160	20	69kV Wintersburg Substation	12/31/2012	Solar (PV)	FeS In-Progress	
APS-165	50	69kV line between Tonopah & Saddle Mountain	12/1/2012	Solar (PV)	Pre-Study Phase	
APS-167	20	69kV line between Gillespie & Lower River	2/28/2013	Solar (PV)	SIS In-Progress	
APS-168	20	69kV line between Gillespie & Lower River	2/28/2013	Solar (PV)	SIS In-Progress	
APS-169	0.6	69kV line between Stotz Farm and Palo Verde Rd.	4/1/2011	Biogas	Pre-Study Phase	
APS-173	620	500kV Delany Substation	PH 1 – 1/1/2014 PH 2 – 9/1/2014 PH 3 – 5/1/2015 PH4 – 5/1/2015	300MW Solar (PV) & 320MW Natural Gas	Pre-Study Phase	
APS-174	20	69kV Saddle Mountain Substation	1/1/2013	Solar (PV)	Pre-Study Phase	
ANPP-2[2]	180	Hassayampa 500kV	3/1/2010	Solar (PV)	Studies Complete	
ANPP-2	180	Hassayampa 500kV	3/1/2011	Solar (PV)	Studies Complete	
ANPP-2	180	Hassayampa 500kV	3/1/2012	Solar (PV)	Studies Complete	
ANPP-2	180	Hassayampa 500kV	3/1/2014	Solar (PV)	Studies Complete	
ANPP-3	500	Jojoba 500kV	12/1/2012	CSP[3]	Studies Complete	
ANPP-8	125	Hassayampa 500kV	12/31/2011	CSP	In-Progress	
ANPP-9	125	Hassayampa 500kV	7/1/2011	CSP	In-Progress	
ANPP-13	200	Hassayampa 500kV	5/1/2013	Solar (PV)		

Interconnection Queue	Max electrical output (MW)	Interconnection Point	Projected In-Service Date	Type of Facility	Status of Interconnection Request[1]	ACC filings (90 day filing/Line Siting filing)
ANPP-14	250	Jojoba 500kV	1/1/2013	CSP		
ANPP-15	150	Hassayampa 500kV	12/31/2012	Solar (PV)		
PV-PC-1[4]	125	Pinal Central 230kV	11/1/2012	CSP		

Notes:

5. FERC Generator Interconnection process consists of 3 study stages; Feasibility Study ("FeS"), System Impact Study ("SIS"), Facilities Study ("FaS"), followed by signing a Large Generator Interconnection Agreement ("LGIA") or Small Generator Interconnection Agreement ("SGIA").
6. ANPP = Arizona Nuclear Power Project
7. CSP = Concentrated Solar Power
8. PV-PC = Palo Verde-Pinal Central project

Project 4: Delany to Blythe 500kV (Arizona Portion of Devers II)

The Delany to Blythe 500kV project is a proposed 500kV line from the future Delany substation to the Blythe area. This is the Arizona portion of what was known as the Devers II project. APS supports development of this transmission line because it could encourage additional solar resource development in Arizona.

This project is not in any utility's Ten-Year Plans. Therefore, there are no direct interconnection requests into this project. However, this project would increase the export capability from Arizona into California. This export capability could be used by any project that is constructed in Arizona in another state that needs to transfer its power through Arizona to get to California.

Although APS cannot predict or control the actual amount and types of resources that will ultimately interconnect to each of the Renewable Transmission Action Plan ("RTAP") lines, the attached interconnection queues are an indicator of interest and potential future interconnections to the RTAP projects. APS is not aware of the status of every generator's 90 day filings and CEC Applications. APS has included those of which it is aware.

The following 121 projects, totaling 19,464.1 MW, in Arizona utilities' queues, would be able to use the transmission capacity from this line:

Interconnection Queue	Max electrical output (MW)	Interconnection Point	Projected In-Service Date	Type of Facility	Status of Interconnection Request[1]	ACC filings (90 day filing/Line Siting filing)
APS-43	500	Hassayampa-N. Gila 500kV line (Hoodoo Wash 500kV switchyard)	PH 1 - 12/1/2011 PH 2 - 6/30/2014	Solar (PV)	LGIA Executed	Project received CEC (Nextlight-Agua Caliente ACC Decision No. 71297)
APS-22	260	Round Valley - Seligman 230kV Line	3/13/2012	Wind	LGIA Executed	
APS-28	125	Cholla / Show Low Eastern 69kV line	12/1/2013	Wind	FaS Completed	
APS-31	87	Paloma 69kV Substation	10/1/2010 - 12/1/2011	Solar (PV)	LGIA In-Progress	
APS-33	400	N. Gila 500kV Substation	Q4 2012	Solar Thermal	FaS Complete	
APS-36	1000	Moenkopi 500kV	7/1/2015	Wind	LGIA In-Progress	
APS-37	300	Cholla 500kV Switchyard	11/1/2010	Wind	FaS In-Progress	

Interconnection Queue	Max electrical output (MW)	Interconnection Point	Projected In-Service Date	Type of Facility	Status of Interconnection Request[1]	ACC filings (90 day filing/Line Siting filing)
APS-38	400	Proposed Delany Switchyard	1/1/2014	Solar Thermal	FaS Complete	
APS-39	800	Proposed Delany Switchyard	1/1/2014	Solar Thermal	FaS Complete	
APS-44	280	Panda 230kV Switchyard	Q2 2013	Solar Thermal	LGIA Executed	Project received CEC (Abengoa-Solana ACC Decision No. 70531)
APS-44b	300	Hassayampa-N. Gila 500kV Line	PH 1 - 10/01/2011 PH 2 - 11/01/2011 PH 3 - 3/01/2012	Solar Thermal	FaS In-Progress	
APS-45	250	Gila Bend 230kV Switchyard or Panda 230kV switchyard	Q2 2013	Solar (PV)	SIS Complete	
APS-47	80	SW6 substation	3/1/2013	Solar (PV)	LGIA In-Progress	
APS-51	150	Hassayampa-N. Gila 500kV Line	7/1/2012	Solar Thermal	SIS Complete	
APS-53	150	Cholla-Pinnacle Peak 345kV line	12/31/2013	Wind	FaS In-Progress	
APS-56	300	Proposed Delany Switchyard	1/1/2014	Solar Thermal	FaS Complete	Project received CEC (Starwood ACC Decision No. 71442)
APS-58	99	Hassayampa-N. Gila 500kV Line	Q2 and Q4 2012	Solar (PV)	FaS In-Progress	
APS-59	99	Hassayampa-N. Gila 500kV Line	Q2 and Q4 2013	Solar (PV)	FaS In-Progress	
APS-60	40	Hassayampa-N. Gila 500kV Line	Q2 2012	Solar (PV)	FaS In-Progress	
APS-62	500	Moenkopi 500kV Switchyard	Q2 2012	Wind	SIS In-Progress	

Interconnection Queue	Max electrical output (MW)	Interconnection Point	Projected In-Service Date	Type of Facility	Status of Interconnection Request[1]	ACC filings (90 day filing/Line Siting filing)
APS-63	150	Gila Bend 230kV Substation	7/1/2013	Solar Thermal	SIS Complete	Project CEC approved by
APS-64	10	Hyder Substation	6/1/2012	Solar (PV)	FaS In-Progress	
APS-65	480	Hassayampa-N. Gila 500kV Line	1/1/2014	Solar Thermal	FaS In-Progress	
APS-67	200	Panda Switchyard 230kV or Gila Bend Substation 230kV	PH 1 - 100MW 12/2014 PH 2- 100MW 12/2015	Solar Thermal	SIS Complete	
APS-69	300	Sun Valley 230kV switchyard	6/1/2015	Solar Thermal	SIS In-Progress	
APS-73	480	Hassayampa-N. Gila 500kV Line	1/1/2014	Solar Thermal	FaS In-Progress	
APS-77	5	Gila Bend-Ajo 69kV line	mid 2011	Solar (PV)	SGIA Executed	
APS-84	20	Aztec Substation	3/31/2011	Solar (PV)	FaS In-Progress	
APS-85	20	Hyder Substation	3/31/2011	Solar (PV)	FaS In-Progress	
APS-86	20	Cotton Center Substation	3/31/2011	Solar (PV)	FaS In-Progress	
APS-87	20	Cotton Center Substation	3/31/2011	Solar (PV)	FaS In-Progress	
APS-88	18.9	Sugarloaf Substation	12/31/2010	Wind	SIS In-Progress	
APS-90	390	Four Corners - Cholla 345kV line	12/31/2012	Wind	SIS In-Progress	
APS-93	20	12kV Interconnection - Buckeye	11/30/2011	Solar (PV)	SIS In-Progress	
APS-95	20	Vicksburg Area 69kV	12/31/2012	Solar (PV)	SIS Complete	
APS-96	200	Cholla - Pinnacle Peak 345kV Line	12/31/2012	Wind	FeS In-Progress	

Interconnection Queue	Max electrical output (MW)	Interconnection Point	Projected In-Service Date	Type of Facility	Status of Interconnection Request[1]	ACC filings (90 day filing/Line Siting filing)
APS-97	50	69kV Interconnection - Gila Bend Area	12/31/2011	Solar (PV)	SIS In-Progress	
APS-98	50	69kV Interconnection - Tonopah Area	12/31/2011	Solar (PV)	SIS In-Progress	
APS-100	20	69kV Interconnection 335th Ave & Dobbins Rd	12/31/2011	Solar (PV)	SIS In-Progress	
APS-101	20	69kV Interconnection 335th Ave & Dobbins Rd	12/31/2011	Solar (PV)	SIS In-Progress	
APS-102	20	69kV Interconnection - Gillespie Sub Area	1/1/2012	Solar (PV)	SIS In-Progress	
APS-106	200	69kV Interconnection-Sugarloaf Sub area	PH 1 - 12/2012 PH 2 - 12/2013	Wind	Pre-Study Phase	
APS-107	120	Bagdad Area 115kV Transmission System	12/1/2012	Wind	FeS Complete	
APS-108	5	Hyder Substation	6/1/2012	Solar (PV)	FeS In-Progress	
APS-111	30	Tonopah 69kV Substation	12/15/2012	Solar (PV)	SIS In-Progress	
APS-113	101	Moenkopi - Yavapai 500kV line	8/1/2011	Wind	SIS In-Progress	
APS-114	50	Salome 69kV Substation	PH 1 - 12/21/2012 PH 2 - 6/30/2013	Solar (PV)	SIS In-Progress	
APS-118	20	69kV Interconnection - Gila Bend Substation area	2/28/2012	Solar (PV)	SIS In-Progress	

Interconnection Queue	Max electrical output (MW)	Interconnection Point	Projected In-Service Date	Type of Facility	Status of Interconnection Request[1]	ACC filings (90 day filing/Line Siting filing)
APS-119	20	69kV Interconnection - Gila Bend Substation area	3/31/2012	Solar (PV)	SIS In-Progress	
APS-120	20	69kV Interconnection - Gila Bend Substation area	4/30/2012	Solar (PV)	SIS In-Progress	
APS-121	20	69kV Interconnection-Hwy 60 & Farm Access Road	12/31/2011	Solar (PV)	SIS In-Progress	
APS-122	20	69kV Interconnection-Hwy 60 & Farm Access Road	12/31/2011	Solar (PV)	SIS In-Progress	
APS-123	15	Gila Bend Gillespie 69kV line	4/30/2012	Solar (PV)	SIS In-Progress	
APS-124	20	Lower River - Wintersburg 69kV Line	4/15/2012	Solar (PV)	SIS In-Progress	
APS-125	20	Lower River - Wintersburg 69kV Line	12/31/2011	Solar (PV)	SIS In-Progress	
APS-128	20	I-10 & 507th Ave	9/1/2011	Solar (PV)	SIS In-Progress	
APS-130	20	12 or 69kV Interconnection - Harquahala Substation	2/28/2012	Solar (PV)	SIS In-Progress	
APS-133	20	69kV Interconnection - 69kVline Palmas Rd and Dateland Rd	12/31/2010	Solar (PV)	SIS In-Progress	
APS-134	20	69kV Interconnection - Gila Bend 69kV Watermelon Rd and 307th Ave	12/31/2010	Solar (PV)	SIS In-Progress	

Interconnection Queue	Max electrical output (MW)	Interconnection Point	Projected In-Service Date	Type of Facility	Status of Interconnection Request[1]	ACC filings (90 day filing/Line Siting filing)
APS-136	20	12 or 69kV Interconnection - Patterson Substation	12/31/2012	Solar (PV)	SIS In-Progress	
APS-137	50	Sugarloaf 69kV Substation	12/1/2012	Solar (PV)	FeS In-Progress	
APS-140	20	69 kV line between Tonopah and Harquahala Subs	2/28/2012	Solar (PV)	SIS In-Progress	
APS-141	20	Saddle Mountain 69kV Substation	8/1/2011	Solar (PV)	SIS In-Progress	
APS-142	99	Show Low 69kV Substation	1/10/2012	Wind	FeS In-Progress	
APS-143	50	Hyder 69kV Substation	8/1/2011	Solar (PV)	SIS In-Progress	
APS-145	50	69kV line between Wintersburg & Lower River	12/31/2012	Solar (PV)	SIS In-Progress	
APS-147	20	Wintersburg 69kV substation area	2/28/2012	Solar (PV)	SIS In-Progress	
APS-148	20	69kV Cotton Center Substation	6/5/2012	Solar (PV)	SIS In-Progress	
APS-150	20	69kV line Turtle Back Mtn and 535th Ave	12/1/2011	Solar (PV)	SIS In-Progress	
APS-151	20	69 kV line between Paulden and Pollock	2/28/2012	Solar (PV)	SIS In-Progress	
APS-154	20	69kV line Tonopah and Harquahala	2/28/2012	Solar (PV)	SIS In-Progress	
APS-155	20	69kV line Cholla and Snowflake	12/31/2011	Solar (PV)	Pre-Study Phase	
APS-156	20	69kV line Cholla and Snowflake	12/31/2012	Solar (PV)	Pre-Study Phase	

Interconnection Queue	Max electrical output (MW)	Interconnection Point	Projected In-Service Date	Type of Facility	Status of Interconnection Request[1]	ACC filings (90 day filing/Line Siting filing)
APS-158	20	69kV Aztec Substation	12/31/2012	Solar (PV)	FeS In-Progress	
APS-160	20	69kV Wintersburg Substation	12/31/2012	Solar (PV)	FeS In-Progress	
APS-161	12	12kV Baja Substation	12/31/2011	Solar (PV)	FeS In-Progress	
APS-162	20	Yavapai 69kV line	1/12/2012	Solar (PV)	Pre-Study Phase	
APS-164	12	12kV Baja Substation	7/1/2012	Solar (PV)	Pre-Study Phase	
APS-165	50	69kV line between Tonopah & Saddle Mountain	12/1/2012	Solar (PV)	Pre-Study Phase	
APS-166	20	69kV Fairview Substation	10/1/2011	Solar (PV)	Pre-Study Phase	
APS-167	20	69kV line between Gillespie & Lower River	2/28/2013	Solar (PV)	SIS In-Progress	
APS-168	20	69kV line between Gillespie & Lower River	2/28/2013	Solar (PV)	SIS In-Progress	
APS-169	0.6	69kV line between Stotz Farm and Palo Verde Rd.	4/1/2011	Biogas	Pre-Study Phase	
APS-170	20	12kV line near Hunt Hwy & Ranchview	12/31/2011	Solar (PV)	Pre-Study Phase	
APS-171	20	69kV tap on line at Pollack Substation	10/1/2013	Solar (PV)	Pre-Study Phase	
APS-172	20	69kV tap on line at Pollack Substation	10/1/2013	Solar (PV)	Pre-Study Phase	
APS-173	620	500kV Delany Substation	PH 1 – 1/1/2014 PH 2 – 9/1/2014 PH 3 – 5/1/2015 PH4 – 5/1/2015	300MW Solar (PV) & 320MW Natural Gas	Pre-Study Phase	

Interconnection Queue	Max electrical output (MW)	Interconnection Point	Projected In-Service Date	Type of Facility	Status of Interconnection Request[1]	ACC filings (90 day filing/Line Siting filing)
APS-174	20	69kV Saddle Mountain Substation	1/1/2013	Solar (PV)	Pre-Study Phase	
ANPP-2[2]	180	Hassayampa 500kV	3/1/2010	Solar (PV)	Studies Complete	
ANPP-2	180	Hassayampa 500kV	3/1/2011	Solar (PV)	Studies Complete	
ANPP-2	180	Hassayampa 500kV	3/1/2012	Solar (PV)	Studies Complete	
ANPP-2	180	Hassayampa 500kV	3/1/2014	Solar (PV)	Studies Complete	
ANPP-3	500	Jojoba 500kV	12/1/2012	CSP[3]	Studies Complete	
ANPP-8	125	Hassayampa 500kV	12/31/2011	CSP	In-Progress	
ANPP-9	125	Hassayampa 500kV	7/1/2011	CSP	In-Progress	
ANPP-13	200	Hassayampa 500kV	5/1/2013	Solar (PV)		
ANPP-14	250	Jojoba 500kV	1/1/2013	CSP		
ANPP-15	150	Hassayampa 500kV	12/31/2012	Solar (PV)		
PV-PC-1[4]	125	Pinal Central 230kV	11/1/2012	CSP		
TEP-24	150	Springerville 345kV yard	3/15/2013	Wind	Pre-SIS Phase	
TEP-25	200	Springerville 345kV yard	10/1/2012	Wind	Pre-SIS Phase	
TEP-26	700	Springerville 345kV yard	6/30/2015	Wind	Pre-SIS Phase	
UNSE-35	10.5	Steel Park, Old Trails Road	3/31/2011	Wind/Solar	FaS In-Progress	

Interconnection Queue	Max electrical output (MW)	Interconnection Point	Projected In-Service Date	Type of Facility	Status of Interconnection Request[1]	ACC filings (90 day filing/Line Siting filing)
WAPA-G3	500	Glen Canyon - Pinnacle Peak 345kV line	4/7/2006	Wind		
WAPA-G5	300	Mead - Davis 230kV line	12/31/2009	Wind		
WAPA-G6	65.1	Goldmine Tap Substation	12/31/2008	Wind		
WAPA-G7	500	Peacock Substation	10/1/2009	Wind		
WAPA-G10	125	Harcuvar - Little Harquahala 115kV line	8/1/2012	Solar Thermal		
WAPA-G11	250	Harcuvar - Little Harquahala 230kV line	8/1/2014	Solar Thermal		
WAPA-G12	110	Bouse - Gila 161kV line	7/1/2013	Solar Thermal		
WAPA-G14	150	Parker - Blythe 161kV line	1/1/2013	Solar Thermal		
WAPA-G15	340	Liberty - Mead 345kV line	10/1/2013	CSP		
WAPA-G17	600	Davis - Topock 230kV line	8/31/2011	Wind		
WAPA-G18	200	Liberty - Mead 345kV line	3/1/2012	CSP		
WAPA-G20	1200	Topock - Black Mesa and Topock - North Havasu 230kV lines	1/1/2015	Solar Thermal		
WAPA-G22	150	Prescott - Round Valley 230kV line	9/1/2011	Wind		
WAPA-G23	300	Goldmine Tap - Knob 161kV line	4/1/2014	CSP		
WAPA-G24	90	Oracle – Coolidge 115kV line	1/1/2013	Solar (PV)		

Interconnection Queue	Max electrical output (MW)	Interconnection Point	Projected In-Service Date	Type of Facility	Status of Interconnection Request[1]	ACC filings (90 day filing/Line Siting filing)
WAPA-G25	360	Liberty – Mead 345kV line	12/15/2016	Solar (PV)		
WAPA-G26	250	Casa Grande – Testtrack 230kV line	1/1/2015	Solar (PV)		

Notes:

1. FERC Generator Interconnection process consists of 3 study stages; Feasibility Study ("FeS"), System Impact Study ("SIS"), Facilities Study ("FaS"), followed by signing a Large Generator Interconnection Agreement ("LGIA") or Small Generator Interconnection Agreement ("SGIA").
2. ANPP = Arizona Nuclear Power Project
3. CSP = Concentrated Solar Power
4. PV-PC = Palo Verde-Pinal Central project

Attachment B

Project 2: Hassayampa to North Gila 500kV #2

The Hassayampa to North Gila transmission project is a 500kV transmission line from the Palo Verde hub area ("Hassayampa Switchyard") to the North Gila Substation, which is located outside of Yuma. It is approximately 114 miles in length and would parallel an existing jointly-owned 500kV line. The area has excellent solar conditions. This project has been approved by ACC Decision No. 70127.

Although APS cannot predict or control the actual amount and types of resources that will ultimately interconnect to each of the Renewable Transmission Action Plan ("RTAP") lines, the attached interconnection queues are an indicator of interest and potential future interconnections to the RTAP projects. APS is not aware of the status of every generator's 90 day filings and CEC Applications. APS has included those of which it is aware.

The project would increase the scheduling capacity between Arizona and California that would allow for additional scheduling of generation between the two markets. This additional capacity could be utilized by conventional or renewable generation. The following table shows one conventional generation project that has requested interconnection into the EHV system at the North Gila substation:

Interconnection Queue	**Max electrical output (MW)**	**Interconnection Point**	**Projected In-Service Date**	**Type of Facility**	**Status of Interconnection Request[1]**	**ACC filings (90 day filing/Line Siting filing)**
WAPA-G2	575	Gila & North Gila Substations	5/1/2010	Natural Gas		N/A (Generation location is in Mexico and transmission lines would be constructed by WAPA)

Notes:

1. FERC Generator Interconnection process consists of 3 study stages; Feasibility Study ("FeS"), System Impact Study ("SIS"), Facilities Study ("FaS"), followed by signing a Large Generator Interconnection Agreement ("LGIA") or Small Generator Interconnection Agreement ("SGIA").

Project 4: Delany to Blythe 500kV (Arizona Portion of Devers II)

The Delany to Blythe 500kV project is a proposed 500kV line from the future Delany substation to the Blythe area. This is the Arizona portion of what was known as the Devers II project. APS supports development of this transmission line because it could encourage additional solar resource development in Arizona.

This project is not in any utility's Ten-Year Plans. Therefore, there are no direct interconnection requests into this project. However, this project would increase the export capability from Arizona into California. This export capability could be used by any project, renewable or conventional, that is constructed in Arizona or in another state that needs to transfer its power through Arizona to get to California.

Although APS cannot predict or control the actual amount and types of resources that will ultimately interconnect to each of the Renewable Transmission Action Plan ("RTAP") lines, the attached interconnection queues are an indicator of interest and potential future interconnections to the RTAP projects. APS is not aware of the status of every generator's 90 day filings and CEC Applications. APS has included those of which it is aware.

The following 7 conventional generation projects in Arizona utilities' queues, totaling 4,486 MW, would be able to use the transmission capacity from this line:

Interconnection Queue	Max electrical output (MW)	Interconnection Point	Projected In-Service Date	Type of Facility	Status of Interconnection Request[1]	ACC filings (90 day filing/Line Siting filing)
APS-1	1400	Four Corners 500kV Switchyard	8/1/2015	Coal	LGIA In-progress	
SRP-2	562	Randolf 230kV	9/1/2010	Natural Gas	FaS Complete	
SRP-4	606	Abel 230kV	5/1/2016	Natural Gas	FaS In-progress	
SRP-5	303	Abel 69kV	5/1/2015	Natural Gas	FaS In-progress	
SRP-6	540	Pinal NewSub	5/1/2018	Natural Gas	FaS In-progress	
TEP-19	500	Greenlee-Winchester 345kV line	Summer 2009	Natural Gas	FaS In-progress	

Interconnection Queue	Max electrical output (MW)	Interconnection Point	Projected In-Service Date	Type of Facility	Status of Interconnection Request[1]	ACC filings (90 day filing/Line Siting filing)
WAPA-G2	575	Gila & North Gila Substations	5/1/2010	Natural Gas		

Notes:

1. FERC Generator Interconnection process consists of 3 study stages; Feasibility Study ("FeS"), System Impact Study ("SIS"), Facilities Study ("FaS"), followed by signing a Large Generator Interconnection Agreement ("LGIA") or Small Generator Interconnection Agreement ("SGIA").