

BRIAN SANDOVAL Governor JAMES DEVOLLD Chair, Nevada Tax Commission DEONNE E. CONTINE Executive Director

STATE OF NEVADA DEPARTMENT OF TAXATION

Web Site: http://tax.nv.gov 1550 College Parkway, Suite 115 Carson City, Nevada 89706-7937 Phone: (775) 684-2000 Fax: (775) 684-2020

LAS VEGAS OFFICE Grant Sawyer Office Building, Suite1300 555 E. Washington Avenue Las Vegas, Nevada 89101 Phone: (702) 486-2300 Fax: (702) 486-2373 RENO OFFICE 4600 Kietzke Lane Building L, Suite 235 Reno, Nevada 89502 Phone: (775) 687-9999 Fax: (775) 688-1303

HENDERSON OFFICE 2550 Paseo Verde Parkway, Suite 180 Henderson, Nevada 89074 Phone: (702) 486-2300 Fax: (702) 486-3377

FISCAL IMPACT Renewable Energy Partial Abatement of Property Taxes

Techren Solar II, LLC

This report was prepared to fulfill the requirements of NRS 701A.375 to indicate an estimate of the fiscal impact of the partial property tax abatement on the State and on each affected local government.

Background

Techren Solar II, LLC ("Techren II") is a wholly owned subsidiary of Techren Solar, LLC, and is a Hanwha Group company. Techren I's project consists of a 200-megawatt ("MW") solar photovoltaic ("PV") facility located on five parcels containing 1015 acres of land leased from the City of Boulder City. The parcels are located in Township 24 South, Range 63 East, Mount Diablo Meridian, Sections 4, 8, 9, 16, 17, and 18, just East of the Southeasterly line of the Southwest Gas Corporation. The project is expected to be in commercial operation by September 1, 2019.

The property components of the facility consist of site preparation, including construction survey, grading, trenching, and drainage features. Other components include PV modules; a single axis tracking system, driven pile foundations, DC wiring, DC/AC inverters, medium voltage step-up transformers, AC cabling, a central substation with a high voltage step-up transformer and high voltage transmission line to the point of interconnect. The offsite facilities include a 230 kilovolt (kV) generation tie transmission line (gen-tie).

The project will interconnect into NV Energy's transmission system via a gen-tie line owned by Techren II, connecting the project to the NV Energy Nevada Solar One (NSO) Substation owned by NV Energy. Techren Solar, LLC and Sierra Pacific Power Company dba NV Energy executed a Prepurchase agreement for 25 years, dated January 12, 2017. Techren Solar, LLC will assign the PPA to Techren II.

Analysis

Determination of Central or Local Assessment

Generally speaking, electric light and power companies that are located completely within a county, with no transmission lines carrying power across county lines, are locally assessed. NRS 361.320(7). Facilities that own transmission lines or other property that traverse county boundary lines are centrally assessed. NRS 361.320(1).

NRS 361.320(6) adds an exception to the general rule expressed above. It states:

If two or more persons perform separate functions that collectively are needed to deliver electric service to the final customer and the property used in performing the functions would be centrally assessed if owned by one person, the Nevada Tax Commission shall establish its valuation and apportion the valuation among the several counties in the same manner as the valuation of other centrally assessed property.

Based on the location of the facility assets in Clark and the interchange substation belonging to NV Energy, also located in the same county, since Techren II expressed intention to apply for Wholesale Generator status and assuming such status granted, unless and until such time as FERC decided to deny such a status, the property appears to qualify for local assessment.

Description of Replacement Cost New Methodology and Tax Calculation

In general, locally assessed real property must be valued according to the requirements of NRS 361.227. Replacement cost new of the improvements, less depreciation at the rate of 1-1/2% per year for a maximum of 50 years, is added to the full cash value of the improved land. The land value was estimated using a ground-rent capitalization methodology authorized by NAC 361.1198. Personal property is valued based on acquisition cost less depreciation identified in the Personal Property Manual approved by the Nevada Tax Commission. The Department did not adjust upward the reported acquisition cost of improvements or personal property to reflect any appreciation, based on the assumption that the cost of development will go down over time, as indicated by recent industry reports regarding declining costs of utility scale solar PV projects.¹

The Taxpayer identified ten portions of City of Boulder City leased parcels of land as part of the project in Schedule 3 of the application having a total acreage of 1015 acres. Schedule 3 referenced 10 Assessor Parcel Numbers ("APN"), however, the project is actually only a portion of the total acreage listed under the APN, which is 1,598 acres.

Prior to improvement of the land, the county assessor established a taxable value of about \$3,500 per acre. For the balance of the 20 years for which the abatement may be granted, an appreciation factor of 1.5% per year was applied to the value of the land for each year of the abatement period.

The Taxpayer also reported several project cost areas as "personal" property (PV solar panels, transmission line, DC/AC collection, fence, and racking) rather than real property. The Department used the cost reported by the Taxpayer for each cost center but determined that all components were real property when operated as a unit. The Department based its determination of real property on NRS 361.035, which requires all buildings, fences, ditches, structures, erections, or other improvements built or erected upon any land to be classified as real property, as well as NAC 361.1127, 361.1133, and 361.11715, NAC 361.11745, as well as the 2016-17 Personal Property Manual, Appendix E.

The Department's understanding is that the solar field consists of components either attached to the land and foundations, or "so essential to the land or improvement that the land or improvement cannot perform its desired function without the nonattached item," for example, the solar array foundations, underground cabling, substations, and transmission lines. At the time this fiscal note was produced, the Taxpayer had not submitted any information regarding the exception to the fixture test in NAC 361.1127 and NAC 361.11745 with regard to whether solar modules and other components are installed non-permanently and not for the enhancement of the real property to which it is attached; and had not shown whether the property has a unique identity and function distinct from the real property to which it is attached. The list of construction permits obtained by Techren II from Clark County and listed in the application are also an objective indication of the permanent nature of the facility. In addition, the City of Boulder City lease provides for an initial term of 50 years with the right to renew. This information is indicative of the permanence of the facility.

The Taxpayer listed \$432,500 property as Contributions in Aid of Construction. Capital invested as a contribution in aid of construction (CIAC) is not eligible for a renewable energy abatement by the contributor of the capital because taxable property is assessed to the owner and not the contributor of the property. CIAC are either cash or utility type property *contributed to the utility* by a customer to assist the utility in providing utility service to the customer and are non-refundable to the customer. The

http://energy.gov/maps/falling-price-utility-scale-solar-photovoltaic-pv-projects

utility which might have received any CIAC, in this case NV Energy would be the owner of any contributed plant.²

The Department also used the 2017-18 tax rate of \$2.5264 per hundred (0.025264) for Tax District 52 without further adjustment. Under current law, the maximum tax rate could go up to \$3.66; however, the project is also subject to the tax abatement afforded under NRS 361.4722, which limits tax dollar increases to no more than 8% per year.

The calculation of the renewable energy abatement contained in the attached spreadsheets takes into account the required distribution of remaining taxes after abatement to local governments in Tax District 52, Clark County, including a distribution to the State Debt Fund. Since the application was submitted on November 9, 2017, after the effective date for AB 239 (2013), this fiscal note assumes no distribution will be made to the State Renewable Energy Fund.

Estimate of Property Tax Abatement

Based on the assumptions and conditions noted above, the estimated fiscal impact for the duration of the abatement for 20 years is as follows:

Total Taxable Value of the Project in 2019: Total Taxable Value of the Project in 2039:		252,994,235 183,526,187
Estimated capital cost per kW (252,994,235/200,000)	\$1,265/kW	I
Total Taxes Due, First Year After Completion: Total Renewable Energy Abatement, First Year: Total Taxes Available to Local Governments after abatement:	\$ \$ \$	2,237,076 1,230,392 1,006,684

The amount of the abatement for each year thereafter approximates the amount obtained in the first year and continues during the period of abatement as follows:

Total Taxes Due during Period of Abatement (20 years):	\$ 38,461,592
Total Renewable Energy Abatement, 20 years:	\$ 21,153,876
Total Taxes Available to Local Governments after abatement:	\$ 17,307,716

See attached spreadsheets for the amounts by year and by local government entity.

² NRS 361.260 requires the county assessor to "ascertain all real and secured personal property that is in the county on July 1 which is subject to taxation, and also the names of all persons, corporations, associations, companies or firms *owning* the property. The county assessor shall then determine the taxable value of all such property, and shall then list and assess it to the person, firm, corporation, association or company *owning* it on July 1 of that fiscal year."

CLARK COUNTY

RENEWABLE ENERGY ABATEMENT WORKSHEET DISTRICT 52 PERCENT COMBINED TOTAL RENEW TAXES AFTER EXCLUDES STATE RENEWABLE ENERGY FUND TOTAL TAXES DUE TAXES AFTER TAX RATE ABATEMENT ABATEMENT ABATEMENT Techren Solar II, LLC 20 Year Summary 0.025264 38,461,591.91 (21,153,875.56) 17,307,716.35 100.000%

TAXING ENTITY	TAX RATE	SCHOOL SWITCH	TOTAL TAXES DUE	RENEW ABATEMENT	TAXES AFTER ABATEMENT	PERCENT TOTAL TAXES
State of Nevada	0.001700	1	2,588,058.34	(1,423,432.09)	1,164,626.25	6.729%
Clark County School District	0.013034	1	19,842,795.64	(10,913,537.60)	8,929,258.04	51.591%
Boulder City	0.002600	1	3,958,206.89	(2,177,013.79)	1,781,193.10	10.291%
Clark County	0.006541	1	9,957,935.12	(5,476,864.32)	4,481,070.80	25.891%
Boulder City Library	0.001389	1	2,114,595.92	(1,163,027.76)	951,568.16	5.498%

NET TAXABLE VALUE	AVERAGE ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
183,526,187	55.0%	100.0%	55.0%	(21,153,875.56)

ASSET	TOTAL TAXABLE VALUE	ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
PV Solar facility	183,526,187	55.00%	100.00%	55.00%	(21,153,875.56)

CLARK COUNTY

RENEWABLE ENERGY ABATEMENT WORKSHEET

DISTRICT 52 PERCENT TAXES COMBINED TOTAL RENEW TAXES AFTER EXCLUDES STATE RENEWABLE ENERGY FUND TOTAL TAXES DUE AFTER TAX RATE ABATEMENT ABATEMENT ABATEMENT Techren Solar II, LLC 2019-20 2,237,076.22 (1,230,391.91) 0.025264 1,006,684.31 100.000%

TAXING ENTITY	TAX RATE	SCHOOL SWITCH	TOTAL TAXES DUE	RENEW ABATEMENT	TAXES AFTER ABATEMENT	PERCENT TOTAL TAXES
State of Nevada	0.001700	1	150,531.57	(82,792.36)	67,739.21	6.729%
Clark County School District	0.013034	1	1,154,134.40	(634,773.92)	519,360.48	51.591%
Boulder City	0.002600	1	230,224.75	(126,623.61)	103,601.14	10.291%
Clark County	0.006541	1	579,192.35	(318,555.79)	260,636.56	25.891%
Boulder City Library	0.001389	1	122,993.15	(67,646.23)	55,346.92	5.498%

NET TAXABLE VALUE	AVERAGE ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
252,994,235	55.0%	100.0%	55.0%	(1,230,391.91)

ASSET	TOTAL TAXABLE VALUE	ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
PV Solar facility	252,994,235	55.00%	100.00%	55.00%	(1,230,391.91)
		55.00%	0.00%	0.00%	-
		55.00%	0.00%	0.00%	-
			0.00%	0.00%	-

CLARK COUNTY

RENEWABLE ENERGY ABATEMENT WORKSHEET

ABATEMENT WORKSHEET DISTRICT 52

EXCLUDES STATE RENEWABLE ENERGY FUND	COMBINED TAX RATE	TOTAL TAXES DUE	TOTAL RENEW ABATEMENT	TAXES AFTER ABATEMENT	PERCENT TAXES AFTER ABATEMENT
Techren Solar II, LLC 2020-21	0.025264	2,204,619.53	(1,212,540.75)	992,078.78	100.000%

TAXING ENTITY	TAX RATE	SCHOOL SWITCH	TOTAL TAXES DUE	RENEW ABATEMENT	TAXES AFTER ABATEMENT	PERCENT TOTAL TAXES
State of Nevada	0.001700	1	148,347.58	(81,591.17)	66,756.41	6.729%
Clark County School District	0.013034	1	1,137,389.60	(625,564.28)	511,825.32	51.591%
Boulder City	0.002600	1	226,884.53	(124,786.49)	102,098.04	10.291%
Clark County	0.006541	1	570,789.12	(313,934.02)	256,855.10	25.891%
Boulder City Library	0.001389	1	121,208.70	(66,664.79)	54,543.91	5.498%

NET TAXABLE VALUE	AVERAGE ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
249,323,660	55.0%	100.0%	55.0%	(1,212,540.75)

ASSET	TOTAL TAXABLE VALUE	ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
PV Solar facility	249,323,660	55.00%	100.00%	55.00%	(1,212,540.75)
		55.00%	0.00%	0.00%	-
		55.00%	0.00%	0.00%	-
			0.00%	0.00%	-

CLARK COUNTY

DISTRICT 52

RENEWABLE ENERGY ABATEMENT WORKSHEET

PERCENT TAXES COMBINED TOTAL RENEW TAXES AFTER EXCLUDES STATE RENEWABLE ENERGY FUND TOTAL TAXES DUE AFTER TAX RATE ABATEMENT ABATEMENT ABATEMENT Techren Solar II, LLC 2021-22 2,172,175.40 977,478.92 0.025264 (1,194,696.48) 100.000%

TAXING ENTITY	TAX RATE	SCHOOL SWITCH	TOTAL TAXES DUE	RENEW ABATEMENT	TAXES AFTER ABATEMENT	PERCENT TOTAL TAXES
State of Nevada	0.001700	1	146,164.43	(80,390.44)	65,773.99	6.729%
Clark County School District	0.013034	1	1,120,651.29	(616,358.21)	504,293.08	51.591%
Boulder City	0.002600	1	223,545.60	(122,950.08)	100,595.52	10.291%
Clark County	0.006541	1	562,389.14	(309,314.03)	253,075.11	25.891%
Boulder City Library	0.001389	1	119,424.94	(65,683.72)	53,741.22	5.498%

NET TAXABLE VALUE	AVERAGE ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
245,654,506	55.0%	100.0%	55.0%	(1,194,696.48)

ASSET	TOTAL TAXABLE VALUE	ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
PV Solar facility	245,654,506	55.00%	100.00%	55.00%	(1,194,696.48)
		55.00%	0.00%	0.00%	-
		55.00%	0.00%	0.00%	-
			0.00%	0.00%	-

CLARK COUNTY

RENEWABLE ENERGY ABATEMENT WORKSHEET

DISTRICT 52 Г I I

EXCLUDES STATE RENEWABLE ENERGY FUND	COMBINED TAX RATE	TOTAL TAXES DUE	TOTAL RENEW ABATEMENT	TAXES AFTER ABATEMENT	PERCENT TAXES AFTER ABATEMENT
Techren Solar II, LLC 2022-23	0.025264	2,139,744.09	(1,176,859.23)	962,884.86	100.000%

TAXING ENTITY	TAX RATE	SCHOOL SWITCH	TOTAL TAXES DUE	RENEW ABATEMENT	TAXES AFTER ABATEMENT	PERCENT TOTAL TAXES
State of Nevada	0.001700	1	143,982.15	(79,190.18)	64,791.97	6.729%
Clark County School District	0.013034	1	1,103,919.59	(607,155.77)	496,763.82	51.591%
Boulder City	0.002600	1	220,207.99	(121,114.39)	99,093.60	10.291%
Clark County	0.006541	1	553,992.48	(304,695.86)	249,296.62	25.891%
Boulder City Library	0.001389	1	117,641.88	(64,703.03)	52,938.85	5.498%

NET TAXABLE VALUE	AVERAGE ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
241,986,802	55.0%	100.0%	55.0%	(1,176,859.23)

ASSET	TOTAL TAXABLE VALUE	ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
PV Solar facility	241,986,802	55.00%	100.00%	55.00%	(1,176,859.23)
		55.00%	0.00%	0.00%	-
		55.00%	0.00%	0.00%	-
			0.00%	0.00%	-

CLARK COUNTY

DISTRICT 52

RENEWABLE ENERGY ABATEMENT WORKSHEET

PERCENT TAXES COMBINED TOTAL RENEW TAXES AFTER EXCLUDES STATE RENEWABLE ENERGY FUND TOTAL TAXES DUE AFTER TAX RATE ABATEMENT ABATEMENT ABATEMENT Techren Solar II, LLC 2023-24 2,107,325.85 (1,159,029.23) 0.025264 948.296.62 100.000%

TAXING ENTITY	TAX RATE	SCHOOL SWITCH	TOTAL TAXES DUE	RENEW ABATEMENT	TAXES AFTER ABATEMENT	PERCENT TOTAL TAXES
State of Nevada	0.001700	1	141,800.74	(77,990.41)	63,810.33	6.729%
Clark County School District	0.013034	1	1,087,194.63	(597,957.05)	489,237.58	51.591%
Boulder City	0.002600	1	216,871.72	(119,279.45)	97,592.27	10.291%
Clark County	0.006541	1	545,599.21	(300,079.57)	245,519.64	25.891%
Boulder City Library	0.001389	1	115,859.55	(63,722.75)	52,136.80	5.498%

NET TAXABLE VALUE	AVERAGE ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
238,320,576	55.0%	100.0%	55.0%	(1,159,029.23)

ASSET	TOTAL TAXABLE VALUE	ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
PV Solar facility	238,320,576	55.00%	100.00%	55.00%	(1,159,029.23)
		55.00%	0.00%	0.00%	-
		55.00%	0.00%	0.00%	-
			0.00%	0.00%	-

CLARK COUNTY

RENEWABLE ENERGY ABATEMENT WORKSHEET

DISTRICT 52 PERCENT TAXES I EXCLUDES STATE RENEWABLE ENERGY FUND

Techren Solar II, LLC 2024-25

	COMBINED TAX RATE	TOTAL TAXES DUE	TOTAL RENEW ABATEMENT	TAXES AFTER ABATEMENT	AFTER ABATEMENT
0.025264 2,074,920.97 (1,141,206.53) 933,714.44 100.000%	0.025264	2,074,920.97	(1,141,206.53)	933,714.44	100.000%

TAXING ENTITY	TAX RATE	SCHOOL SWITCH	TOTAL TAXES DUE	RENEW ABATEMENT	TAXES AFTER ABATEMENT	PERCENT TOTAL TAXES
State of Nevada	0.001700	1	139,620.24	(76,791.13)	62,829.11	6.729%
Clark County School District	0.013034	1	1,070,476.56	(588,762.11)	481,714.45	51.591%
Boulder City	0.002600	1	213,536.83	(117,445.26)	96,091.57	10.291%
Clark County	0.006541	1	537,209.39	(295,465.16)	241,744.23	25.891%
Boulder City Library	0.001389	1	114,077.95	(62,742.87)	51,335.08	5.498%

NET TAXABLE VALUE	AVERAGE ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
234,655,858	55.0%	100.0%	55.0%	(1,141,206.53)

ASSET	TOTAL TAXABLE VALUE	ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
PV Solar facility	234,655,858	55.00%	100.00%	55.00%	(1,141,206.53)
		55.00%	0.00%	0.00%	-
		55.00%	0.00%	0.00%	-
			0.00%	0.00%	-

CLARK COUNTY

RENEWABLE ENERGY ABATEMENT WORKSHEET

DISTRICT 52

EXCLUDES STATE RENEWABLE ENERGY FUND	COMBINED TAX RATE	TOTAL TAXES DUE	TOTAL RENEW ABATEMENT	TAXES AFTER ABATEMENT	PERCENT TAXES AFTER ABATEMENT
Techren Solar II, LLC 2025-26	0.025264	2,042,529.66	(1,123,391.32)	919,138.34	100.000%

TAXING ENTITY	TAX RATE	SCHOOL SWITCH	TOTAL TAXES DUE	RENEW ABATEMENT	TAXES AFTER ABATEMENT	PERCENT TOTAL TAXES
State of Nevada	0.001700	1	137,440.64	(75,592.35)	61,848.29	6.729%
Clark County School District	0.013034	1	1,053,765.50	(579,571.03)	474,194.47	51.591%
Boulder City	0.002600	1	210,203.34	(115,611.84)	94,591.50	10.291%
Clark County	0.006541	1	528,823.09	(290,852.70)	237,970.39	25.891%
Boulder City Library	0.001389	1	112,297.09	(61,763.40)	50,533.69	5.498%

NET TAXABLE VALUE	AVERAGE ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
230,992,678	55.0%	100.0%	55.0%	(1,123,391.32)

ASSET	TOTAL TAXABLE VALUE	ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
PV Solar facility	230,992,678	55.00%	100.00%	55.00%	(1,123,391.32)
		55.00%	0.00%	0.00%	-
		55.00%	0.00%	0.00%	-
			0.00%	0.00%	-

CLARK COUNTY

DISTRICT 52

RENEWABLE ENERGY ABATEMENT WORKSHEET

PERCENT TAXES COMBINED TOTAL RENEW TAXES AFTER EXCLUDES STATE RENEWABLE ENERGY FUND TOTAL TAXES DUE AFTER TAX RATE ABATEMENT ABATEMENT ABATEMENT Techren Solar II, LLC 2026-27 2,010,152.22 0.025264 (1,105,583.72) 904,568.50 100.000%

TAXING ENTITY	TAX RATE	SCHOOL SWITCH	TOTAL TAXES DUE	RENEW ABATEMENT	TAXES AFTER ABATEMENT	PERCENT TOTAL TAXES
State of Nevada	0.001700	1	135,261.98	(74,394.09)	60,867.89	6.729%
Clark County School District	0.013034	1	1,037,061.59	(570,383.87)	466,677.72	51.591%
Boulder City	0.002600	1	206,871.27	(113,779.20)	93,092.07	10.291%
Clark County	0.006541	1	520,440.38	(286,242.21)	234,198.17	25.891%
Boulder City Library	0.001389	1	110,517.00	(60,784.35)	49,732.65	5.498%

NET TAXABLE VALUE	AVERAGE ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
227,331,067	55.0%	100.0%	55.0%	(1,105,583.72)

ASSET	TOTAL TAXABLE VALUE	ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
PV Solar facility	227,331,067	55.00%	100.00%	55.00%	(1,105,583.72)
		55.00%	0.00%	0.00%	-
		55.00%	0.00%	0.00%	-
			0.00%	0.00%	-

CLARK COUNTY

RENEWABLE ENERGY ABATEMENT WORKSHEET

DISTRICT 52

EXCLUDES STATE RENEWABLE ENERGY FUND	COMBINED TAX RATE	TOTAL TAXES DUE	TOTAL RENEW ABATEMENT	TAXES AFTER ABATEMENT	PERCENT TAXES AFTER ABATEMENT
Techren Solar II, LLC 2027-28	0.025264	1,977,788.94	(1,087,783.90)	890,005.04	100.000%

TAXING ENTITY	TAX RATE	SCHOOL SWITCH	TOTAL TAXES DUE	RENEW ABATEMENT	TAXES AFTER ABATEMENT	PERCENT TOTAL TAXES
State of Nevada	0.001700	1	133,084.28	(73,196.35)	59,887.93	6.729%
Clark County School District	0.013034	1	1,020,364.99	(561,200.74)	459,164.25	51.591%
Boulder City	0.002600	1	203,540.66	(111,947.36)	91,593.30	10.291%
Clark County	0.006541	1	512,061.33	(281,633.73)	230,427.60	25.891%
Boulder City Library	0.001389	1	108,737.68	(59,805.72)	48,931.96	5.498%

NET TAXABLE VALUE	AVERAGE ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
223,671,056	55.0%	100.0%	55.0%	(1,087,783.90)

ASSET	TOTAL TAXABLE VALUE	ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
PV Solar facility	223,671,056	55.00%	100.00%	55.00%	(1,087,783.90)
		55.00%	0.00%	0.00%	-
		55.00%	0.00%	0.00%	-
			0.00%	0.00%	-

CLARK COUNTY

DISTRICT 52

RENEWABLE ENERGY ABATEMENT WORKSHEET

PERCENT TAXES COMBINED TOTAL RENEW TAXES AFTER EXCLUDES STATE RENEWABLE ENERGY FUND TOTAL TAXES DUE AFTER TAX RATE ABATEMENT ABATEMENT ABATEMENT Techren Solar II, LLC 2028-29 1,945,440.10 (1,069,992.06) 875,448.04 0.025264 100.000%

TAXING ENTITY	TAX RATE	SCHOOL SWITCH	TOTAL TAXES DUE	RENEW ABATEMENT	TAXES AFTER ABATEMENT	PERCENT TOTAL TAXES
State of Nevada	0.001700	1	130,907.54	(71,999.15)	58,908.39	6.729%
Clark County School District	0.013034	1	1,003,675.84	(552,021.71)	451,654.13	51.591%
Boulder City	0.002600	1	200,211.54	(110,116.35)	90,095.19	10.291%
Clark County	0.006541	1	503,686.02	(277,027.31)	226,658.71	25.891%
Boulder City Library	0.001389	1	106,959.16	(58,827.54)	48,131.62	5.498%

NET TAXABLE VALUE	AVERAGE ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
220,012,678	55.0%	100.0%	55.0%	(1,069,992.06)

ASSET	TOTAL TAXABLE VALUE	ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
PV Solar facility	220,012,678	55.00%	100.00%	55.00%	(1,069,992.06)
		55.00%	0.00%	0.00%	-
		55.00%	0.00%	0.00%	-
			0.00%	0.00%	-

CLARK COUNTY

RENEWABLE ENERGY ABATEMENT WORKSHEET

DISTRICT 52 PERCENT TAXES COMBINED TOTAL RENEW TAXES AFTER EXCLUDES STATE RENEWABLE ENERGY FUND TOTAL TAXES DUE AFTER TAX RATE ABATEMENT ABATEMENT ABATEMENT Techren Solar II, LLC 2029-30 1,913,105.99 (1,052,208.29) 860,897.70 0.025264 100.000%

TAXING ENTITY	TAX RATE	SCHOOL SWITCH	TOTAL TAXES DUE	RENEW ABATEMENT	TAXES AFTER ABATEMENT	PERCENT TOTAL TAXES
State of Nevada	0.001700	1	128,731.80	(70,802.49)	57,929.31	6.729%
Clark County School District	0.013034	1	986,994.28	(542,846.85)	444,147.43	51.591%
Boulder City	0.002600	1	196,883.93	(108,286.16)	88,597.77	10.291%
Clark County	0.006541	1	495,314.53	(272,422.99)	222,891.54	25.891%
Boulder City Library	0.001389	1	105,181.45	(57,849.80)	47,331.65	5.498%

NET TAXABLE VALUE	AVERAGE ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
216,355,965	55.0%	100.0%	55.0%	(1,052,208.29)

ASSET	TOTAL TAXABLE VALUE	ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
PV Solar facility	216,355,965	55.00%	100.00%	55.00%	(1,052,208.29)
		55.00%	0.00%	0.00%	-
		55.00%	0.00%	0.00%	-
			0.00%	0.00%	-

CLARK COUNTY

DISTRICT 52

RENEWABLE ENERGY ABATEMENT WORKSHEET

PERCENT TAXES COMBINED TOTAL RENEW TAXES AFTER EXCLUDES STATE RENEWABLE ENERGY FUND TOTAL TAXES DUE AFTER TAX RATE ABATEMENT ABATEMENT ABATEMENT Techren Solar II, LLC 2030-31 1,880,786.87 846,354.10 0.025264 (1,034,432.77) 100.000%

TAXING ENTITY	TAX RATE	SCHOOL SWITCH	TOTAL TAXES DUE	RENEW ABATEMENT	TAXES AFTER ABATEMENT	PERCENT TOTAL TAXES
State of Nevada	0.001700	1	126,557.06	(69,606.38)	56,950.68	6.729%
Clark County School District	0.013034	1	970,320.46	(533,676.25)	436,644.21	51.591%
Boulder City	0.002600	1	193,557.86	(106,456.82)	87,101.04	10.291%
Clark County	0.006541	1	486,946.92	(267,820.81)	219,126.11	25.891%
Boulder City Library	0.001389	1	103,404.57	(56,872.51)	46,532.06	5.498%

NET TAXABLE VALUE	AVERAGE ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
212,700,950	55.0%	100.0%	55.0%	(1,034,432.77)

ASSET	TOTAL TAXABLE VALUE	ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
PV Solar facility	212,700,950	55.00%	100.00%	55.00%	(1,034,432.77)
		55.00%	0.00%	0.00%	-
		55.00%	0.00%	0.00%	-
			0.00%	0.00%	-

CLARK COUNTY

DISTRICT 52

RENEWABLE ENERGY ABATEMENT WORKSHEET

PERCENT TAXES COMBINED TOTAL RENEW TAXES AFTER EXCLUDES STATE RENEWABLE ENERGY FUND TOTAL TAXES DUE AFTER TAX RATE ABATEMENT ABATEMENT ABATEMENT Techren Solar II, LLC 2031-32 (1,016,665.70) 831,817.39 0.025264 1,848,483.09 100.000%

TAXING ENTITY	TAX RATE	SCHOOL SWITCH	TOTAL TAXES DUE	RENEW ABATEMENT	TAXES AFTER ABATEMENT	PERCENT TOTAL TAXES
State of Nevada	0.001700	1	124,383.36	(68,410.85)	55,972.51	6.729%
Clark County School District	0.013034	1	953,654.55	(524,510.00)	429,144.55	51.591%
Boulder City	0.002600	1	190,233.38	(104,628.36)	85,605.02	10.291%
Clark County	0.006541	1	478,583.28	(263,220.80)	215,362.48	25.891%
Boulder City Library	0.001389	1	101,628.52	(55,895.69)	45,732.83	5.498%

NET TAXABLE VALUE	AVERAGE ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
209,047,667	55.0%	100.0%	55.0%	(1,016,665.70)

ASSET	TOTAL TAXABLE VALUE	ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
PV Solar facility	209,047,667	55.00%	100.00%	55.00%	(1,016,665.70)
		55.00%	0.00%	0.00%	-
		55.00%	0.00%	0.00%	-
			0.00%	0.00%	-

CLARK COUNTY

DISTRICT 52

RENEWABLE ENERGY ABATEMENT WORKSHEET

PERCENT TAXES COMBINED TOTAL RENEW TAXES AFTER EXCLUDES STATE RENEWABLE ENERGY FUND TOTAL TAXES DUE AFTER TAX RATE ABATEMENT ABATEMENT ABATEMENT Techren Solar II, LLC 2032-33 1,816,194.93 (998,907.22) 817,287.71 0.025264 100.000%

TAXING ENTITY	TAX RATE	SCHOOL SWITCH	TOTAL TAXES DUE	RENEW ABATEMENT	TAXES AFTER ABATEMENT	PERCENT TOTAL TAXES
State of Nevada	0.001700	1	122,210.71	(67,215.89)	54,994.82	6.729%
Clark County School District	0.013034	1	936,996.70	(515,348.19)	421,648.51	51.591%
Boulder City	0.002600	1	186,910.50	(102,800.78)	84,109.72	10.291%
Clark County	0.006541	1	470,223.68	(258,623.02)	211,600.66	25.891%
Boulder City Library	0.001389	1	99,853.34	(54,919.34)	44,934.00	5.498%

NET TAXABLE VALUE	AVERAGE ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
205,396,151	55.0%	100.0%	55.0%	(998,907.22)

ASSET	TOTAL TAXABLE VALUE	ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
PV Solar facility	205,396,151	55.00%	100.00%	55.00%	(998,907.22)
		55.00%	0.00%	0.00%	-
		55.00%	0.00%	0.00%	-
			0.00%	0.00%	-

CLARK COUNTY

DISTRICT 52

RENEWABLE ENERGY ABATEMENT WORKSHEET

PERCENT TAXES COMBINED TOTAL RENEW TAXES AFTER EXCLUDES STATE RENEWABLE ENERGY FUND TOTAL TAXES DUE AFTER TAX RATE ABATEMENT ABATEMENT ABATEMENT Techren Solar II, LLC 2033-34 1,783,922.69 802,765.21 0.025264 (981,157.48) 100.000%

TAXING ENTITY	TAX RATE	SCHOOL SWITCH	TOTAL TAXES DUE	RENEW ABATEMENT	TAXES AFTER ABATEMENT	PERCENT TOTAL TAXES
State of Nevada	0.001700	1	120,039.13	(66,021.52)	54,017.61	6.729%
Clark County School District	0.013034	1	920,347.07	(506,190.89)	414,156.18	51.591%
Boulder City	0.002600	1	183,589.26	(100,974.09)	82,615.17	10.291%
Clark County	0.006541	1	461,868.20	(254,027.51)	207,840.69	25.891%
Boulder City Library	0.001389	1	98,079.03	(53,943.47)	44,135.56	5.498%

NET TAXABLE VALUE	AVERAGE ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
201,746,437	55.0%	100.0%	55.0%	(981,157.48)

ASSET	TOTAL TAXABLE VALUE	ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
PV Solar facility	201,746,437	55.00%	100.00%	55.00%	(981,157.48)
		55.00%	0.00%	0.00%	-
		55.00%	0.00%	0.00%	-
			0.00%	0.00%	-

CLARK COUNTY

RENEWABLE ENERGY ABATEMENT WORKSHEET

DISTRICT 52

EXCLUDES STATE RENEWABLE ENERGY FUND	COMBINED TAX RATE	TOTAL TAXES DUE	TOTAL RENEW ABATEMENT	TAXES AFTER ABATEMENT	PERCENT TAXES AFTER ABATEMENT
Techren Solar II, LLC 2034-35	0.025264	1,751,666.72	(963,416.70)	788,250.02	100.000%

TAXING ENTITY	TAX RATE	SCHOOL SWITCH	TOTAL TAXES DUE	RENEW ABATEMENT	TAXES AFTER ABATEMENT	PERCENT TOTAL TAXES
State of Nevada	0.001700	1	117,868.64	(64,827.75)	53,040.89	6.729%
Clark County School District	0.013034	1	903,705.83	(497,038.21)	406,667.62	51.591%
Boulder City	0.002600	1	180,269.69	(99,148.33)	81,121.36	10.291%
Clark County	0.006541	1	453,516.94	(249,434.32)	204,082.62	25.891%
Boulder City Library	0.001389	1	96,305.62	(52,968.09)	43,337.53	5.498%

NET TAXABLE VALUE	AVERAGE ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
198,098,561	55.0%	100.0%	55.0%	(963,416.70)

ASSET	TOTAL TAXABLE VALUE	ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
PV Solar facility	198,098,561	55.00%	100.00%	55.00%	(963,416.70)
		55.00%	0.00%	0.00%	-
		55.00%	0.00%	0.00%	-
			0.00%	0.00%	-

CLARK COUNTY

DISTRICT 52

RENEWABLE ENERGY ABATEMENT WORKSHEET

PERCENT TAXES COMBINED TOTAL RENEW TAXES AFTER EXCLUDES STATE RENEWABLE ENERGY FUND TOTAL TAXES DUE AFTER TAX RATE ABATEMENT ABATEMENT ABATEMENT Techren Solar II, LLC 2035-36 1,719,427.32 (945,685.03) 773,742.29 0.025264 100.000%

TAXING ENTITY	TAX RATE	SCHOOL SWITCH	TOTAL TAXES DUE	RENEW ABATEMENT	TAXES AFTER ABATEMENT	PERCENT TOTAL TAXES
State of Nevada	0.001700	1	115,699.27	(63,634.60)	52,064.67	6.729%
Clark County School District	0.013034	1	887,073.14	(487,890.23)	399,182.91	51.591%
Boulder City	0.002600	1	176,951.83	(97,323.51)	79,628.32	10.291%
Clark County	0.006541	1	445,169.97	(244,843.48)	200,326.49	25.891%
Boulder City Library	0.001389	1	94,533.11	(51,993.21)	42,539.90	5.498%

NET TAXABLE VALUE	AVERAGE ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
194,452,560	55.0%	100.0%	55.0%	(945,685.03)

ASSET	TOTAL TAXABLE VALUE	ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
PV Solar facility	194,452,560	55.00%	100.00%	55.00%	(945,685.03)
		55.00%	0.00%	0.00%	-

CLARK COUNTY

DISTRICT 52

RENEWABLE ENERGY ABATEMENT WORKSHEET

PERCENT TAXES COMBINED TOTAL RENEW TAXES AFTER EXCLUDES STATE RENEWABLE ENERGY FUND TOTAL TAXES DUE AFTER TAX RATE ABATEMENT ABATEMENT ABATEMENT Techren Solar II, LLC 2036-37 1,687,204.84 (927,962.66) 759,242.18 0.025264 100.000%

TAXING ENTITY	TAX RATE	SCHOOL SWITCH	TOTAL TAXES DUE	RENEW ABATEMENT	TAXES AFTER ABATEMENT	PERCENT TOTAL TAXES
State of Nevada	0.001700	1	113,531.04	(62,442.07)	51,088.97	6.729%
Clark County School District	0.013034	1	870,449.17	(478,747.04)	391,702.13	51.591%
Boulder City	0.002600	1	173,635.71	(95,499.64)	78,136.07	10.291%
Clark County	0.006541	1	436,827.38	(240,255.06)	196,572.32	25.891%
Boulder City Library	0.001389	1	92,761.54	(51,018.85)	41,742.69	5.498%

NET TAXABLE VALUE	AVERAGE ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
190,808,472	55.0%	100.0%	55.0%	(927,962.66)

ASSET	TOTAL TAXABLE VALUE	ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
PV Solar facility	190,808,472	55.00%	100.00%	55.00%	(927,962.66)
		55.00%	0.00%	0.00%	-
		55.00%	0.00%	0.00%	-
		55.00%	0.00%	0.00%	-

CLARK COUNTY

DISTRICT 52

RENEWABLE ENERGY ABATEMENT WORKSHEET

PERCENT TAXES COMBINED TOTAL RENEW TAXES AFTER EXCLUDES STATE RENEWABLE ENERGY FUND TOTAL TAXES DUE AFTER TAX RATE ABATEMENT ABATEMENT ABATEMENT Techren Solar II, LLC 2037-38 1,654,999.59 (910,249.78) 744,749.81 0.025264 100.000%

TAXING ENTITY	TAX RATE	SCHOOL SWITCH	TOTAL TAXES DUE	RENEW ABATEMENT	TAXES AFTER ABATEMENT	PERCENT TOTAL TAXES
State of Nevada	0.001700	1	111,363.97	(61,250.18)	50,113.79	6.729%
Clark County School District	0.013034	1	853,834.10	(469,608.76)	384,225.34	51.591%
Boulder City	0.002600	1	170,321.36	(93,676.75)	76,644.61	10.291%
Clark County	0.006541	1	428,489.25	(235,669.09)	192,820.16	25.891%
Boulder City Library	0.001389	1	90,990.91	(50,045.00)	40,945.91	5.498%

NET TAXABLE VALUE	AVERAGE ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
187,166,335	55.0%	100.0%	55.0%	(910,249.78)

ASSET	TOTAL TAXABLE VALUE	ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
PV Solar facility	187,166,335	55.00%	100.00%	55.00%	(910,249.78)
		55.00%	0.00%	0.00%	-
		55.00%	0.00%	0.00%	-
			0.00%	0.00%	-

CLARK COUNTY

DISTRICT 52

RENEWABLE ENERGY ABATEMENT WORKSHEET

PERCENT TAXES COMBINED TOTAL RENEW TAXES AFTER EXCLUDES STATE RENEWABLE ENERGY FUND TOTAL TAXES DUE AFTER TAX RATE ABATEMENT ABATEMENT ABATEMENT Techren Solar II, LLC 2038-39 1,622,811.96 (892,546.57) 730,265.39 0.025264 100.000%

TAXING ENTITY	TAX RATE	SCHOOL SWITCH	TOTAL TAXES DUE	RENEW ABATEMENT	TAXES AFTER ABATEMENT	PERCENT TOTAL TAXES
State of Nevada	0.001700	1	109,198.08	(60,058.94)	49,139.14	6.729%
Clark County School District	0.013034	1	837,228.11	(460,475.46)	376,752.65	51.591%
Boulder City	0.002600	1	167,008.83	(91,854.86)	75,153.97	10.291%
Clark County	0.006541	1	420,155.68	(231,085.62)	189,070.06	25.891%
Boulder City Library	0.001389	1	89,221.26	(49,071.69)	40,149.57	5.498%

NET TAXABLE VALUE	AVERAGE ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
183,526,187	55.0%	100.0%	55.0%	(892,546.57)

ASSET	TOTAL TAXABLE VALUE	ABATEMENT PERCENTAGE	TAXABLE VALUE PERCENTAGE	WEIGHTED RENEW ABATEMENT PERCENTGE	CURRENT YEAR ABATEMENT
PV Solar facility	183,526,187	55.00%	100.00%	55.00%	(892,546.57)
		55.00%	0.00%	0.00%	-
		55.00%	0.00%	0.00%	-
			0.00%	0.00%	-